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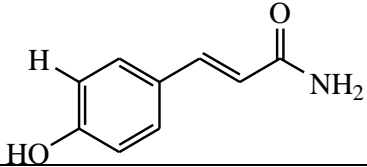
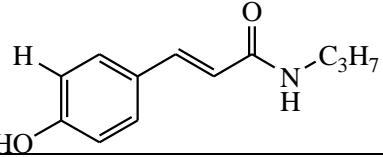
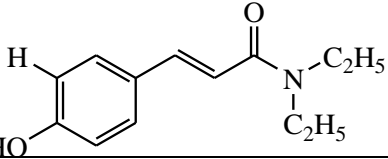
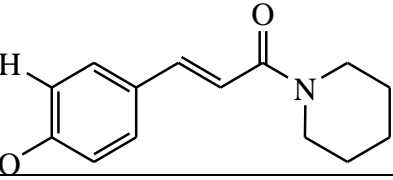
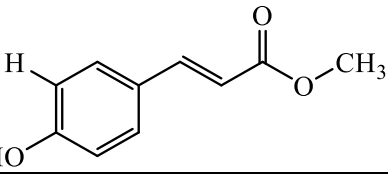
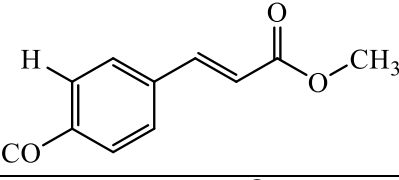
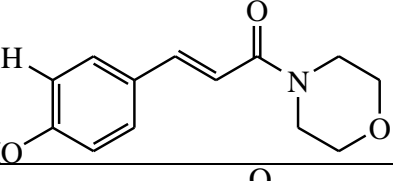
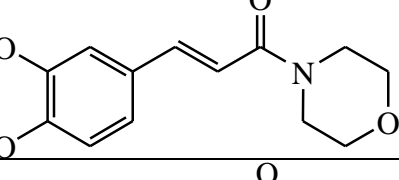
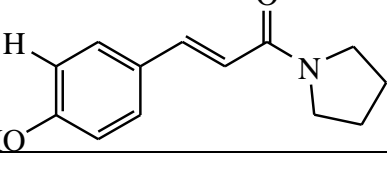
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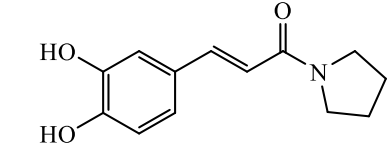
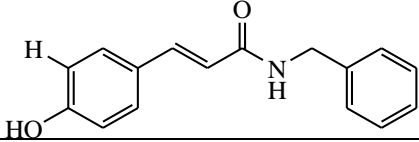
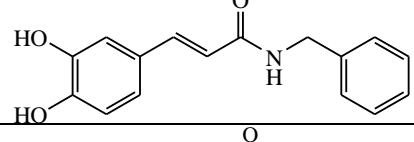
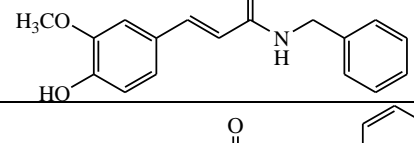
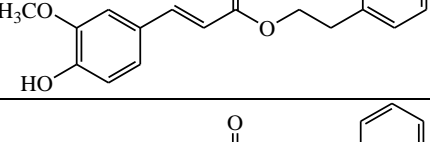
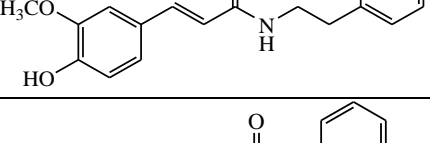
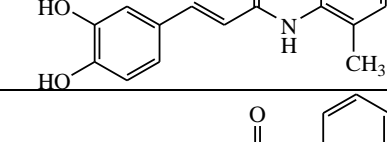
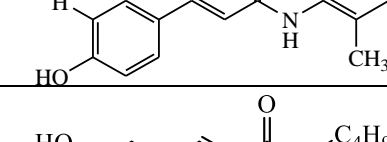
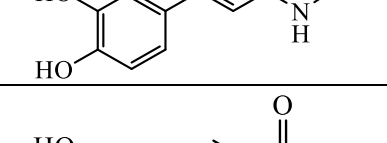
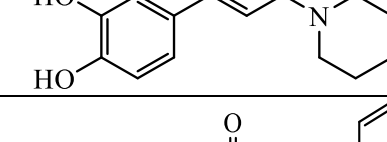
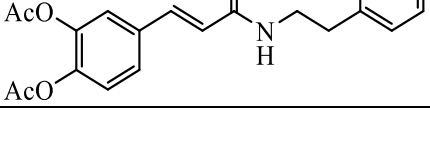
Zhu, J., Zhu, H., Kobamoto, N., Yasuda, M., dan Tawata, S., 2000, Fungitoxic and Phytotoxic Activities of Cinnamic Acid Esters and Amides, *J Pesticide Sci*, **25**: 263-266.

Lampiran 1. Daftar Senyawa Turunan Asam Sinamat dan Aktivitasnya

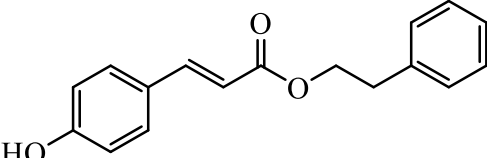
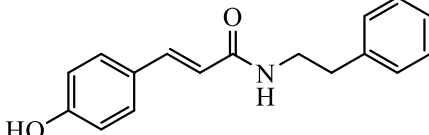
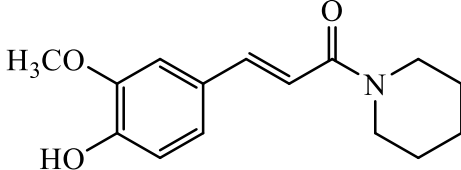
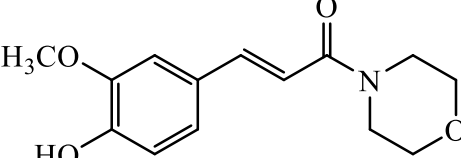
Tabel 11. Struktur senyawa hasil modifikasi beserta nilai aktivitasnya

| No | Struktur Senyawa | Nama Senyawa | IC ₅₀ ($\mu\text{g/mL}$) |
|----|---|---|--|
| 1 |  | <i>p</i> -kumaramida (Firdaus dkk., 2009) | 44,0 |
| 2 |  | N-propil- <i>p</i> -kumaramida (Firdaus dkk., 2012) | 53,56 |
| 3 |  | N,N-dietil- <i>p</i> -kumaramida (Firdaus dkk., 2012) | 23,50 |
| 4 |  | N-Piperidinil- <i>p</i> -kumaramida (Firdaus dkk., 2012) | 5,34 |
| 5 |  | Metil <i>p</i> -kumarat (Rasyid dkk., 2014) | 16,15 |
| 6 |  | Metil <i>p</i> -metoksisinamat (Rasyid dkk., 2014) | 21,18 |
| 7 |  | N-morfolinil- <i>p</i> -kumaramida (Firdaus dkk., 2021) | 19,35 |
| 8 |  | N-morfolinil kafeamida (Firdaus dkk., 2021) | 1,48 |
| 9 |  | N-pirolidinil- <i>p</i> -kumaramida (Firdaus dkk., 2021) | 53,46 |

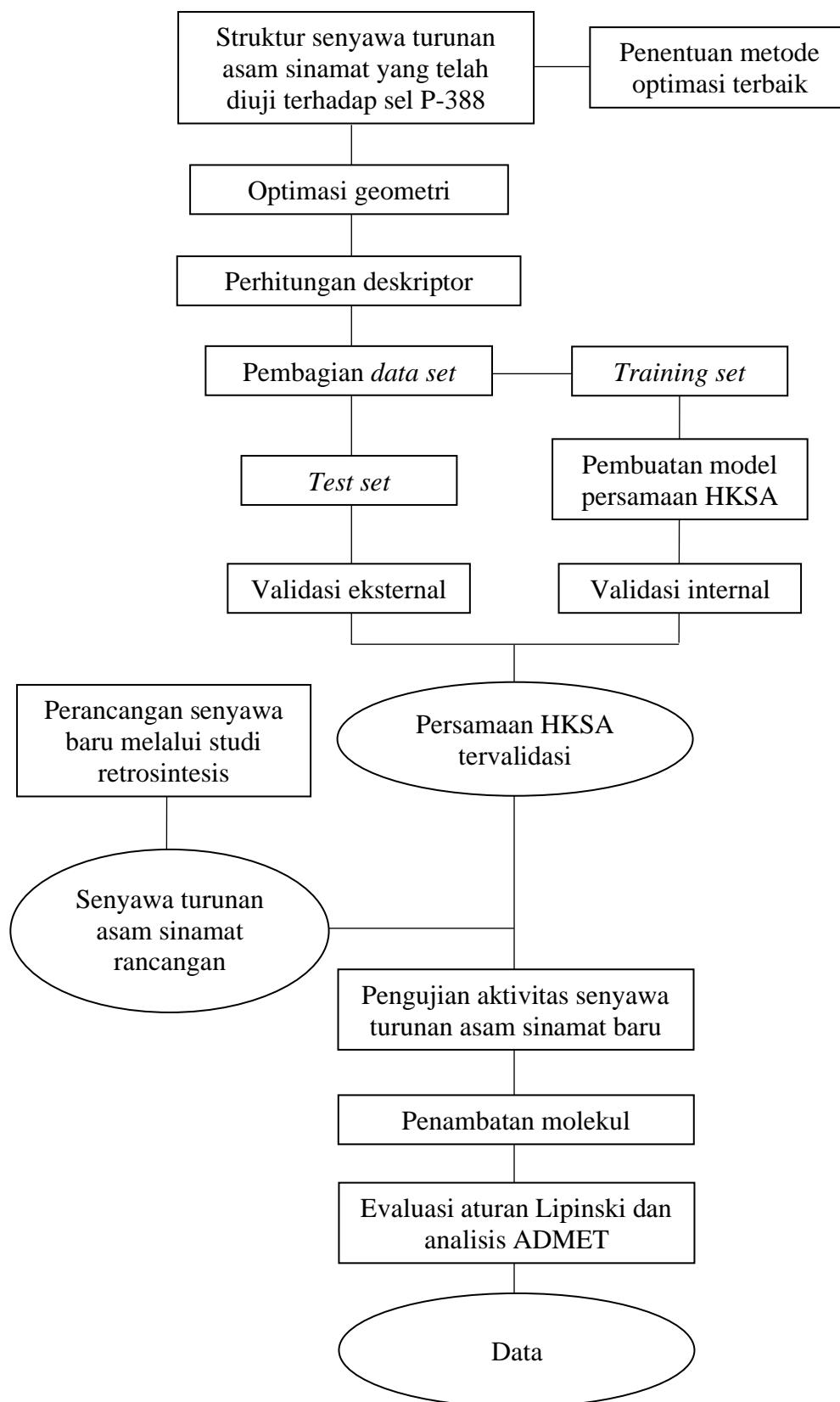
Lanjutan Tabel 11.

| No | Struktur Senyawa | Nama Senyawa | IC ₅₀ ($\mu\text{g/mL}$) |
|----|---|---|--|
| 10 |  | N-piperidinil kafeamida (Firdaus dkk., 2021) | 11,35 |
| 11 |  | N-benzil kumaramida (Firdaus dkk., 2022) | 16,15 |
| 12 |  | N-benzil kafeamida (Firdaus dkk., 2022) | 674,38 |
| 13 |  | N-benzil ferulamida (Firdaus dkk., 2022) | 179,56 |
| 14 |  | fenetil <i>trans</i> -3-(4- hidroksi-3-metoksifenil) akrilat (Firdaus dkk., 2018) | 10,79 |
| 15 |  | <i>trans</i> -3-(4-hidroksi-3- metoksifenil)-N-fenetil akrilamida (Firdaus dkk., 2018) | 29,14 |
| 16 |  | <i>trans</i> -N-(<i>o</i> -tolil) kafeamida (Firdaus dkk., 2019) | 0,91 |
| 17 |  | <i>trans</i> -N-(<i>o</i> -tolil)- <i>p</i> - kumaramida (Firdaus dkk., 2019) | 16,97 |
| 18 |  | N-butil kafeamida (Tahir, 2020) | 0,609 |
| 19 |  | N-piperidinil kafeamida (Firdaus dkk., 2020) | 0,861 |
| 20 |  | N-fenetil-2-(3,4- diasetoksifenil) akrilamida (Fattah dkk., 2020) | 0,5 |

Lanjutan Tabel 11.

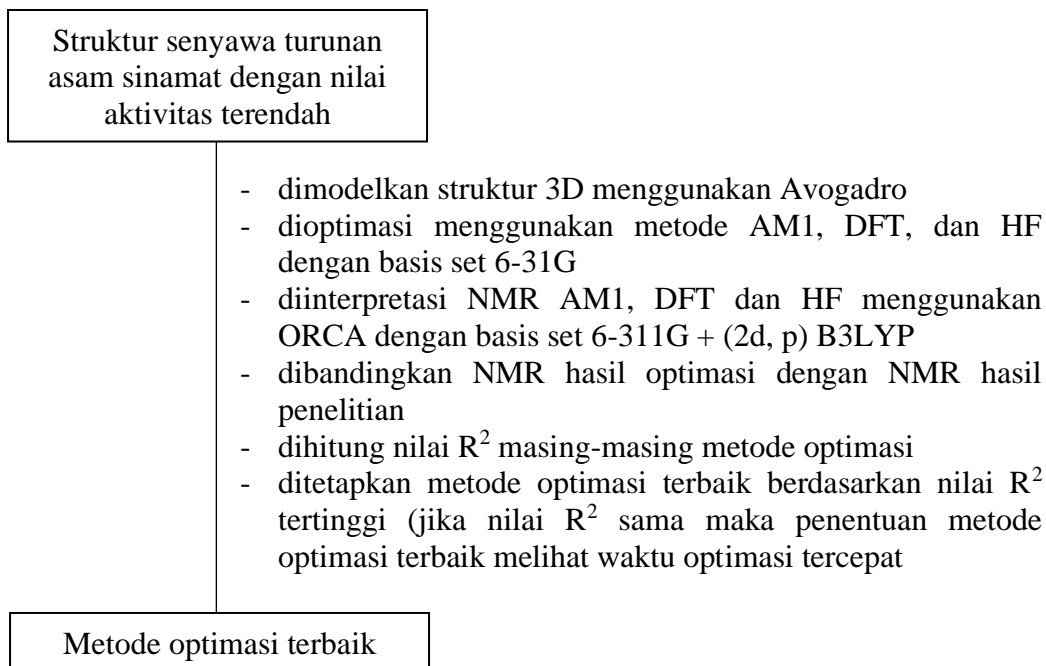
| No | Struktur Senyawa | Nama Senyawa | IC ₅₀ ($\mu\text{g/mL}$) |
|----|--|---|--|
| 21 |  | Fenetil kumarat (Firdaus dkk., 2022) | 1,0 |
| 22 |  | N-fenetil kumaramida (Firdaus dkk., 2022) | 5,89 |
| 23 |  | N-piperidinil ferulamida (Firdaus dkk., 2017) | 46,67 |
| 24 |  | N-morfolinil ferulamida (Firdaus dkk., 2017) | 57,10 |

Lampiran 2. Diagram Alir

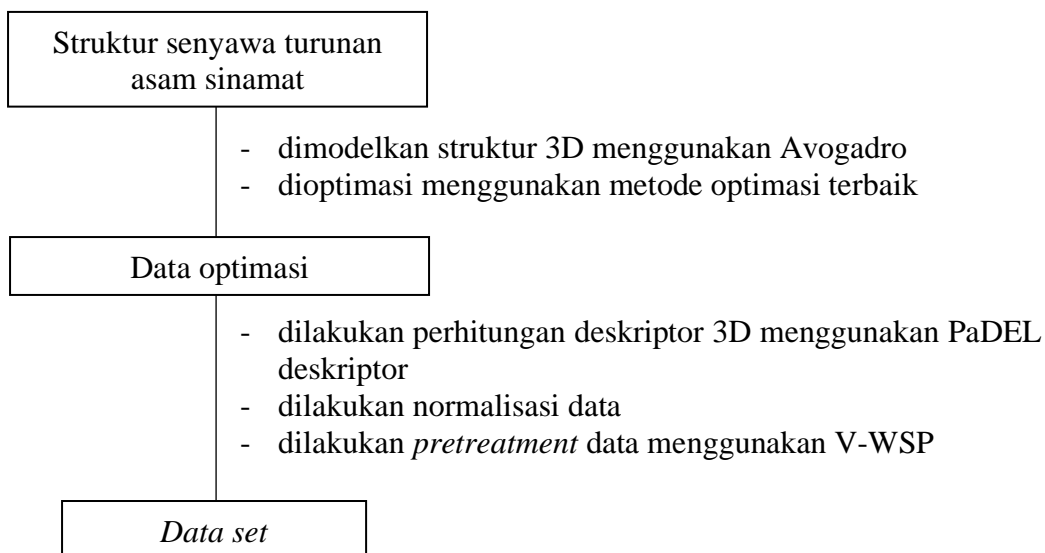


Lampiran 3. Bagan Kerja

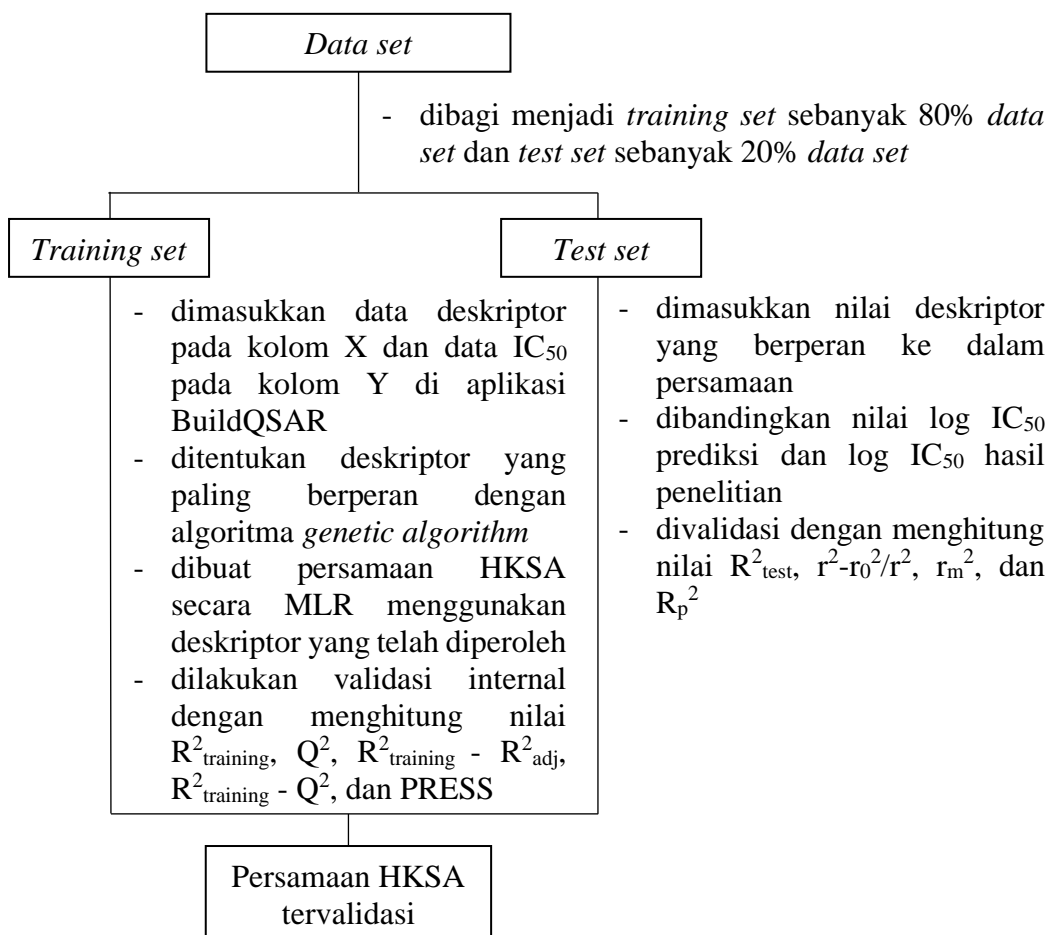
1. Pemilihan Metode Perhitungan Komputasi



2. Optimasi Geometri dan Perhitungan Deskriptor

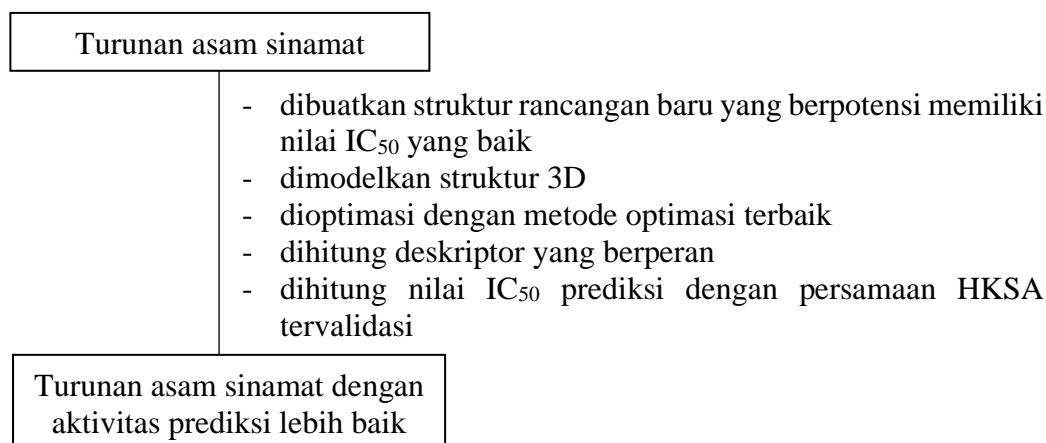


3. Menentukan Persamaan HKSA



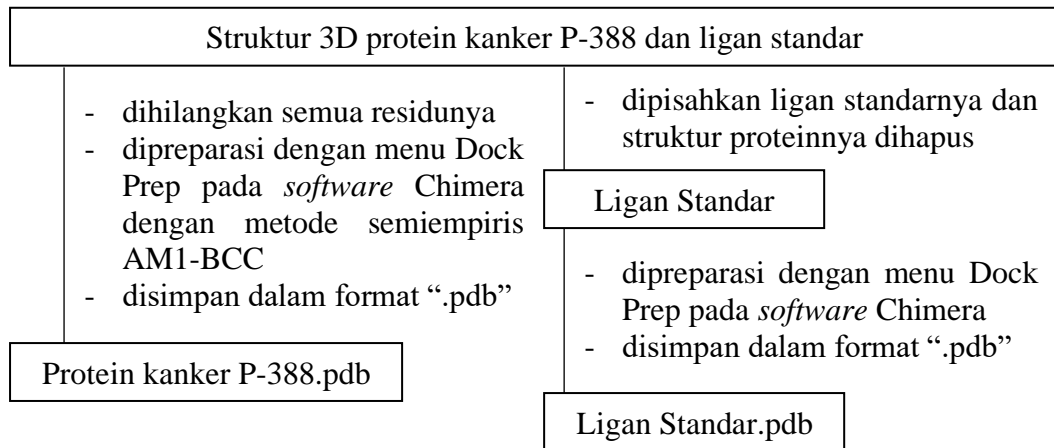
Catatan: Jika persamaan HKSA yang diperoleh memenuhi standar tervalidasi maka dilanjutkan ke tahap perancangan senyawa, jika tidak maka proses diulangi dari pembagian *data set*

4. Merancang Senyawa Turunan Asam Sinamat Baru

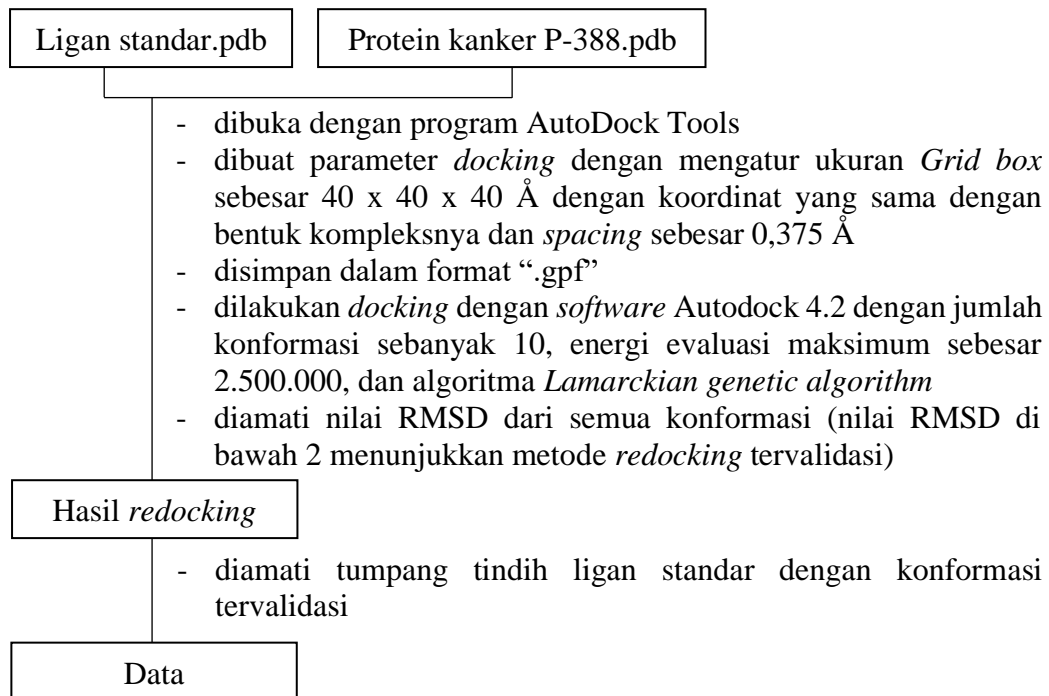


5. Molecular Docking Senyawa Rancangan

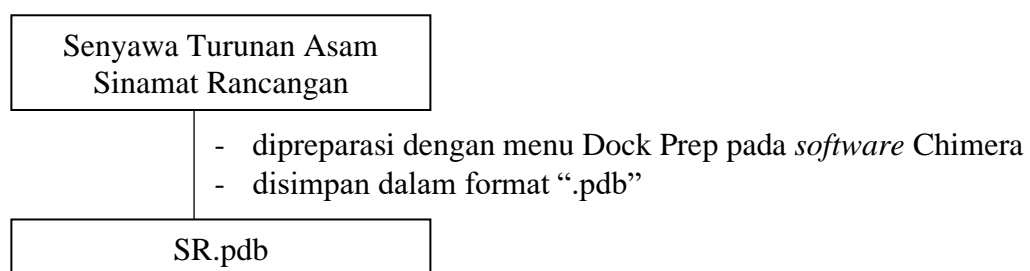
a. Preparasi Protein dan Ligan Standar



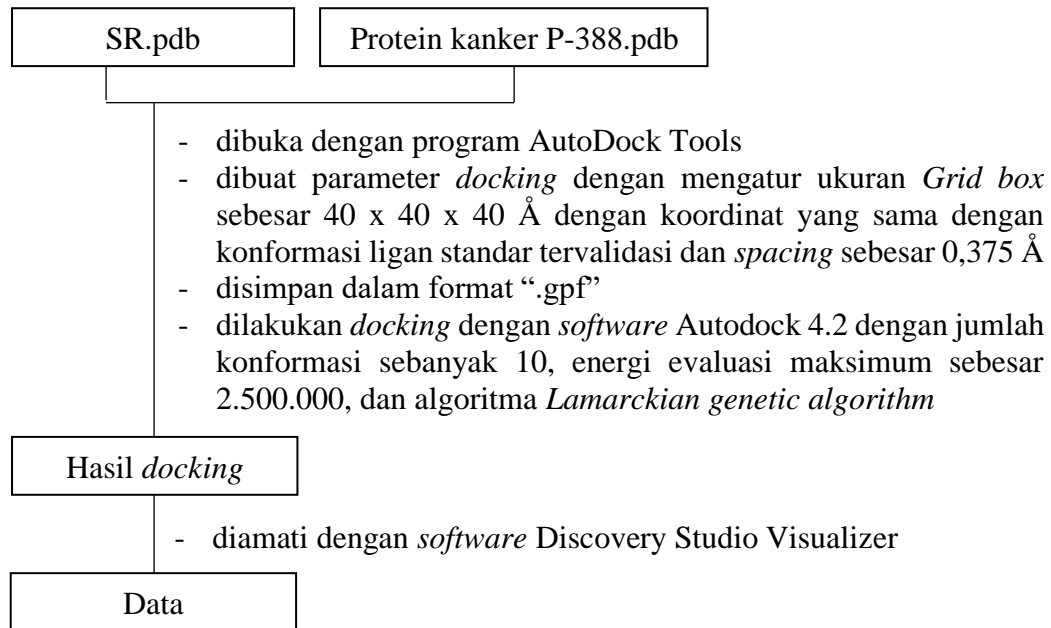
b. Proses Redocking Ligan Standar



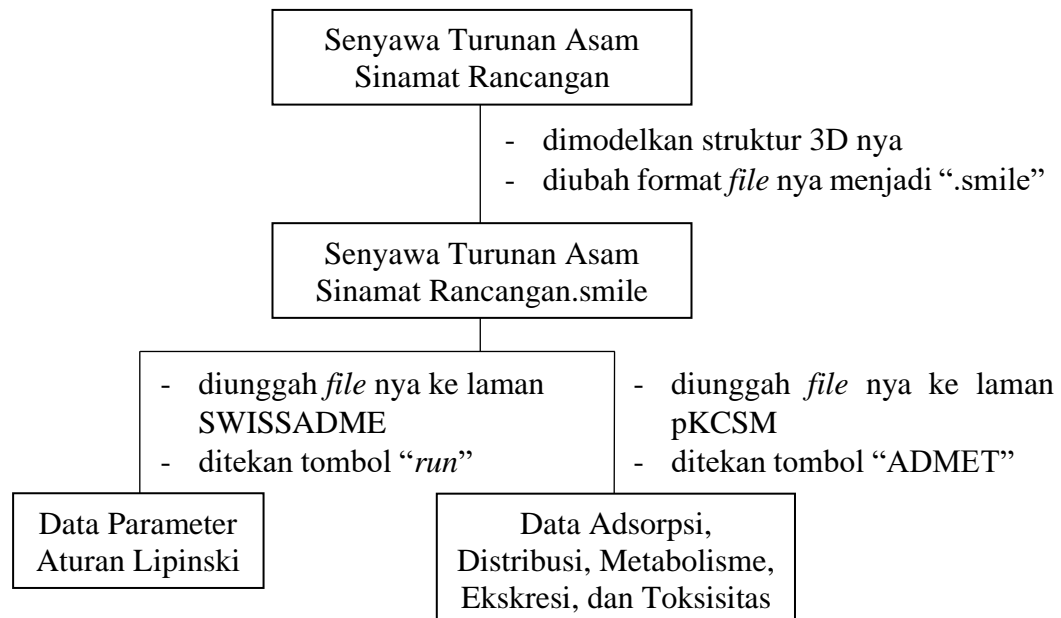
c. Preparasi Senyawa Turunan Asam Sinamat Rancangan



d. Proses *Molecular docking*



6. Evaluasi Aturan Lipinski dan Analisis ADMET



Lampiran 4. Data Deskriptor Hasil Perhitungan dengan PaDEL-Descriptor

| Name | TDB1u | TDB2u | TDB3u | TDB4u | TDB5u | TDB6u | TDB7u | TDB8u | TDB9u | TDB10u | TDB1m | TDB2m | TDB3m | TDB4m | TDB5m | TDB6m | TDB7m |
|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | 1,24693 | 2,2651 | 3,11815 | 3,98653 | 5,04905 | 6,12129 | 7,07361 | 8,1632 | 9,29723 | 9,72916 | 127,729 | 200,638 | 189,137 | 190,55 | 292,121 | 388,141 | 290,857 |
| 2 | 1,2486 | 2,2192 | 3,03196 | 3,88094 | 5,07072 | 6,13607 | 7,30677 | 8,33846 | 9,44034 | 10,4601 | 114,975 | 156,332 | 157,779 | 181,521 | 272,574 | 337,882 | 338,676 |
| 3 | 1,25074 | 2,20912 | 3,06013 | 3,90066 | 4,63325 | 5,5652 | 6,90879 | 7,60988 | 8,35971 | 9,42641 | 113,118 | 154,752 | 172,872 | 184,087 | 184,171 | 267,692 | 356,9 |
| 4 | 1,2676 | 2,24134 | 3,05045 | 3,90069 | 4,80619 | 5,96126 | 7,07183 | 7,86246 | 8,82543 | 9,86527 | 119,388 | 159,782 | 151,912 | 163,263 | 238,724 | 336,788 | 377,394 |
| 5 | 1,25368 | 2,2357 | 3,129 | 3,99606 | 5,05834 | 6,15433 | 7,40665 | 8,21976 | 9,49278 | 10,7709 | 130,049 | 192,869 | 211,943 | 198,283 | 296,024 | 419,42 | 408,777 |
| 6 | 1,25351 | 2,201 | 3,13544 | 3,9916 | 4,88482 | 6,0338 | 7,37781 | 8,11097 | 9,26271 | 10,3799 | 126,292 | 175,333 | 220,325 | 206,61 | 242,382 | 341,183 | 414,01 |
| 7 | 1,26299 | 2,23633 | 3,06313 | 3,90876 | 4,86138 | 5,99775 | 7,14056 | 7,85316 | 8,86167 | 10,1222 | 128,672 | 175,558 | 177,306 | 188,666 | 254,44 | 367,473 | 419,759 |
| 8 | 1,26855 | 2,24434 | 3,07115 | 3,90626 | 4,85932 | 5,98531 | 7,14796 | 7,86886 | 8,92297 | 10,1152 | 132,632 | 188,143 | 201,027 | 204,433 | 260,427 | 376,392 | 487,428 |
| 9 | 1,26577 | 2,23719 | 3,05312 | 3,94164 | 4,94424 | 6,00734 | 7,13813 | 7,84439 | 8,85766 | 10,0897 | 122,207 | 166,346 | 154,304 | 184,841 | 259,924 | 353,064 | 399,783 |
| 10 | 1,26511 | 2,24236 | 3,06129 | 3,93701 | 4,9354 | 5,99376 | 7,14624 | 7,8614 | 8,9288 | 10,098 | 126,481 | 179,32 | 178,322 | 201,992 | 266,636 | 363,538 | 471,836 |
| 11 | 1,26238 | 2,22756 | 3,11637 | 3,99213 | 5,04565 | 6,11343 | 7,23796 | 8,31243 | 9,49303 | 10,3332 | 126,865 | 185,736 | 182,3 | 194,257 | 292,958 | 408,661 | 423,176 |
| 12 | 1,26187 | 2,2771 | 3,12296 | 3,98515 | 5,03173 | 6,09551 | 7,24098 | 8,3085 | 9,50391 | 10,3427 | 130,654 | 198,363 | 205,886 | 209,51 | 296,453 | 414,268 | 484,791 |
| 13 | 1,26126 | 2,25061 | 3,12888 | 3,98888 | 4,94405 | 5,99532 | 7,24416 | 8,37515 | 9,57192 | 10,4895 | 128,117 | 186,353 | 211,289 | 219,401 | 277,21 | 360,643 | 433,536 |
| 14 | 1,26399 | 2,24399 | 3,11973 | 4,01866 | 4,9132 | 5,94622 | 7,31621 | 8,41955 | 9,48784 | 10,769 | 128,785 | 184,02 | 209,811 | 225,694 | 268,321 | 365,23 | 486,579 |
| 15 | 1,26054 | 2,24426 | 3,1078 | 3,97457 | 4,92771 | 5,94499 | 7,26972 | 8,4312 | 9,56394 | 10,8104 | 124,85 | 176,904 | 197,222 | 210,93 | 252,027 | 333,046 | 430,582 |
| 16 | 1,26262 | 2,27442 | 3,15687 | 4,01508 | 4,94905 | 6,08829 | 7,12004 | 8,34836 | 9,32755 | 10,1346 | 130,75 | 204,828 | 227,143 | 219,036 | 282,359 | 376,318 | 474,024 |
| 17 | 1,2631 | 2,26879 | 3,14871 | 4,01911 | 4,97256 | 6,07043 | 7,0817 | 8,30992 | 9,27769 | 10,0494 | 126,931 | 192,207 | 203,101 | 204,954 | 278,25 | 368,586 | 408,978 |
| 18 | 1,24889 | 2,22044 | 3,02737 | 3,85804 | 5,02213 | 6,14947 | 7,3661 | 8,41161 | 9,56763 | 10,6844 | 116,523 | 161,265 | 172,753 | 189,732 | 255,51 | 356,382 | 402,885 |
| 19 | 1,26618 | 2,24346 | 3,05276 | 3,89511 | 4,85048 | 5,98853 | 7,09971 | 7,89348 | 8,94097 | 10,042 | 123,208 | 171,663 | 173,608 | 179,171 | 246,154 | 346,478 | 440,834 |
| 20 | 1,26721 | 2,23996 | 3,0998 | 4,01327 | 4,96743 | 6,08552 | 7,27052 | 8,49472 | 9,67722 | 10,6772 | 131,188 | 192,613 | 206,301 | 267,956 | 388,507 | 446,247 | 414,962 |
| 21 | 1,2654 | 2,2623 | 3,1021 | 4,01151 | 4,99038 | 6,09312 | 7,31906 | 8,35321 | 9,40916 | 10,6341 | 127,648 | 182,984 | 181,504 | 201,639 | 280,143 | 411,833 | 483,966 |
| 22 | 1,26155 | 2,262 | 3,09051 | 3,96221 | 5,00377 | 6,09615 | 7,26232 | 8,36814 | 9,48976 | 10,7124 | 123,329 | 175,062 | 169,882 | 186,522 | 259,311 | 366,255 | 421,175 |
| 23 | 1,26551 | 2,22328 | 3,06133 | 3,90092 | 4,73717 | 5,80965 | 7,03407 | 7,93997 | 8,9455 | 10,1288 | 121,352 | 162,791 | 178,309 | 189,714 | 234,006 | 304,062 | 395,561 |
| 24 | 1,26712 | 2,22012 | 3,08229 | 3,90625 | 4,73604 | 5,82144 | 7,08387 | 7,95085 | 8,95327 | 10,2895 | 129,894 | 177,334 | 205,96 | 214,46 | 245,896 | 324,974 | 430,512 |

| Name | S | T | U | V | W | X | Y | Z | AA | AB | AC | AD | AE | AF | AG | AH | AI | AJ |
|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| 1 | TDB8m | TDB9m | TDB10m | TDB1v | TDB2v | TDB3v | TDB4v | TDB5v | TDB6v | TDB7v | TDB8v | TDB9v | TDB10v | TDB1e | TDB2e | TDB3e | TDB4e | TDB5e |
| 2 | 451,897 | 145,246 | 9,88545 | 362,395 | 567,974 | 606,672 | 652,58 | 825,147 | 1032,33 | 851,626 | 795,198 | 774,068 | 302,419 | 9,81771 | 17,5626 | 24,2519 | 30,146 | 37,88 |
| 3 | 376,022 | 287,973 | 221,032 | 339,282 | 476,555 | 514,676 | 623,628 | 838,805 | 1055,06 | 1169,91 | 1256,45 | 1248,45 | 1047,89 | 9,63071 | 16,8745 | 22,9298 | 29,416 | 38,09 |
| 4 | 308,699 | 192,097 | 213,987 | 332,251 | 465,012 | 556,019 | 651,626 | 652,26 | 855,979 | 1224,96 | 1144,12 | 863,259 | 823,753 | 9,61826 | 16,8364 | 23,2619 | 29,5866 | 34,52 |
| 5 | 353,138 | 263,456 | 253,208 | 350,664 | 493,628 | 516,286 | 579,977 | 768,132 | 1062,5 | 1294,78 | 1262,6 | 1100,47 | 1016,75 | 9,73457 | 17,0415 | 22,8569 | 29,2427 | 36,06 |
| 6 | 356,031 | 222,967 | 162,673 | 356,753 | 534,028 | 646,053 | 674,017 | 837,667 | 1089,62 | 1234,56 | 960,424 | 803,455 | 973,134 | 9,9294 | 17,7854 | 24,3786 | 30,9777 | 38,18 |
| 7 | 334,64 | 359,641 | 313,033 | 343,493 | 492,02 | 674,355 | 718,109 | 760,882 | 949,829 | 1307,8 | 1006,45 | 998,007 | 1239,43 | 9,8804 | 17,5909 | 24,3471 | 30,7547 | 36,29 |
| 8 | 398,089 | 300,302 | 343,156 | 350,344 | 498,744 | 561,639 | 636,011 | 760,116 | 1086,24 | 1344,19 | 1279,13 | 1042,55 | 1043,32 | 9,99911 | 17,6792 | 23,7749 | 29,729 | 37,04 |
| 9 | 459,513 | 393,073 | 398,683 | 350,851 | 510,912 | 581,604 | 648,887 | 761,205 | 1076,29 | 1359,17 | 1330,81 | 1181,68 | 1086,86 | 10,1484 | 17,9293 | 24,3144 | 30,3397 | 37,54 |
| 10 | 340,422 | 228,736 | 280,058 | 353,855 | 503,235 | 520,657 | 620,357 | 839,853 | 1080,56 | 1338,31 | 1217,88 | 963,199 | 960,935 | 9,76387 | 17,109 | 23,0002 | 29,835 | 37,46 |
| 11 | 407,698 | 333,749 | 253,012 | 354,268 | 515,539 | 542,023 | 635,099 | 835,014 | 1070,54 | 1354,32 | 1275,17 | 1120,43 | 969,273 | 9,92482 | 17,3736 | 23,5525 | 30,4843 | 38,03 |
| 12 | 463,265 | 511,191 | 503,653 | 373,558 | 566,023 | 603,723 | 665,141 | 876,169 | 1191,9 | 1378,52 | 1507,59 | 1820,46 | 1880,78 | 9,70567 | 17,3231 | 23,304 | 30,014 | 37,71 |
| 13 | 490,861 | 547,308 | 580,136 | 373,39 | 577,206 | 623,133 | 676,269 | 869,768 | 1176,71 | 1390,67 | 1522,61 | 1843,63 | 1900,68 | 9,85487 | 17,5839 | 24,308 | 30,601 | 38,17 |
| 14 | 500,715 | 529,013 | 554,183 | 363,312 | 545,497 | 640,571 | 707,348 | 850,636 | 1088,13 | 1297,1 | 1505,36 | 1804,99 | 1886,52 | 9,82891 | 17,4769 | 24,0945 | 30,5585 | 37,49 |
| 15 | 530,815 | 477,777 | 610,866 | 363,489 | 534,427 | 635,49 | 720,591 | 816,147 | 1056,06 | 1371,23 | 1556,58 | 1659,24 | 2125,02 | 9,87804 | 17,5665 | 24,1088 | 30,8827 | 38,80 |
| 16 | 491,149 | 467,29 | 565,03 | 358,861 | 528,848 | 613,94 | 698,219 | 808,583 | 1023,01 | 1281,23 | 1498,91 | 1650,05 | 1989,01 | 9,77787 | 17,3098 | 23,7598 | 30,1517 | 37,28 |
| 17 | 567,385 | 560,199 | 507,503 | 373,7 | 583,611 | 667,984 | 710,732 | 844,728 | 1126,32 | 1370,46 | 1711,15 | 1870,51 | 1586,16 | 9,85899 | 17,5296 | 24,5829 | 30,8456 | 37,41 |
| 18 | 541,318 | 488,983 | 360,49 | 373,81 | 572,305 | 648,809 | 702,221 | 848,455 | 1135,77 | 1355,11 | 1700,91 | 1824,67 | 1428,08 | 9,71054 | 17,259 | 24,0125 | 30,2935 | 37,04 |
| 19 | 398,068 | 373,705 | 361,328 | 336,85 | 476,419 | 518,451 | 614,442 | 786,449 | 1055,55 | 1211,71 | 1292,12 | 1395,31 | 1415,05 | 9,74723 | 17,0051 | 23,2 | 29,6233 | 38,23 |
| 20 | 412,249 | 349,829 | 294,581 | 350,653 | 504,28 | 535,643 | 596,447 | 772,578 | 1056,05 | 1311,23 | 1314,9 | 1230,79 | 1079,88 | 9,87668 | 17,2668 | 23,3205 | 29,7521 | 36,95 |
| 21 | 438,929 | 518,814 | 685,022 | 363,024 | 521,934 | 621,814 | 808,247 | 948,531 | 1049,49 | 1228,78 | 1364,24 | 1524,72 | 2040,82 | 9,91579 | 17,5858 | 24,5441 | 30,8552 | 38,55 |
| 22 | 498,55 | 444,886 | 575,335 | 373,141 | 551,782 | 598,911 | 679,905 | 830,025 | 1145,27 | 1472,09 | 1581,73 | 1638,01 | 2060,73 | 9,76313 | 17,4202 | 23,5325 | 30,3279 | 38,00 |
| 23 | 456,919 | 442,003 | 566,061 | 367,768 | 544,988 | 578,283 | 657,27 | 819,856 | 1094,11 | 1347,39 | 1499,06 | 1634,93 | 2034,08 | 9,65984 | 17,1389 | 23,1975 | 29,5385 | 37,34 |
| 24 | 425,977 | 376,224 | 352,231 | 342,638 | 481,841 | 552,087 | 626,312 | 762,409 | 980,67 | 1222,96 | 1310,94 | 1296,5 | 1344,03 | 9,85111 | 17,2027 | 23,3497 | 29,7438 | 36,11 |
| 25 | 469,624 | 416,999 | 452,53 | 342,196 | 486,219 | 599,194 | 678,546 | 753,641 | 992,974 | 1257,27 | 1327,55 | 1260,73 | 1414,71 | 10,0966 | 17,8026 | 24,336 | 30,214 | 36,56 |

| Name | AJ | AK | AL | AM | AN | AO | AP | AQ | AR | AS | AT | AU | AV | AW | AX | AY | AZ | BA |
|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| 1 | TDB5e | TDB6e | TDB7e | TDB8e | TDB9e | TDB10e | TDB1p | TDB2p | TDB3p | TDB4p | TDB5p | TDB6p | TDB7p | TDB8p | TDB9p | TDB10p | TDB11 | TDB21 |
| 2 | 37,8872 | 49,7733 | 56,5657 | 65,895 | 85,2706 | 65,365 | 2,41477 | 3,90655 | 4,37334 | 4,94056 | 5,9832 | 7,05585 | 6,22223 | 5,84102 | 5,436 | 4,32571 | 181,522 | 331, |
| 3 | 38,0982 | 48,1302 | 55,3773 | 61,8186 | 69,4171 | 76,1969 | 2,32789 | 3,42186 | 3,82758 | 4,7108 | 6,19312 | 7,21118 | 8,75743 | 9,96262 | 10,3643 | 9,26435 | 180,901 | 336,7 |
| 4 | 34,5217 | 41,6862 | 52,321 | 56,1532 | 60,2459 | 71,2659 | 2,29123 | 3,32416 | 4,06517 | 4,95681 | 5,10088 | 6,42579 | 9,17054 | 9,31232 | 7,60081 | 6,95316 | 181,238 | 341,3 |
| 5 | 36,0658 | 45,8416 | 53,4275 | 57,9235 | 63,9747 | 73,8997 | 2,40662 | 3,54298 | 3,90311 | 4,48095 | 5,74865 | 7,7212 | 9,66335 | 10,0423 | 9,22935 | 8,50989 | 182,079 | 339,8 |
| 6 | 38,1898 | 50,2296 | | | | | | | | | | | | | | | | |

| | BA | BB | BC | BD | BE | BF | BG | BH | BI | BJ | BK | BL | BM | BN | BO | BP | BQ | BR |
|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| 1 | TDB2i | TDB3i | TDB4i | TDB5i | TDB6i | TDB7i | TDB8i | TDB9i | TDB10i | TDB11i | TDB12i | TDB13i | TDB14i | TDB15i | TDB16i | TDB17i | TDB18i | TDB19i |
| 2 | 331,86 | 481,673 | 634,113 | 813,848 | 1000,85 | 1218,24 | 1443,17 | 1750,8 | 1999,09 | 5,19192 | 10,3271 | 12,1611 | 12,5578 | 17,843 | 30,9473 | 29,0066 | 65,201 | 53,37 |
| 3 | 336,731 | 483,636 | 626,865 | 809,564 | 984,116 | 1174,07 | 1329,64 | 1521,36 | 1746,94 | 4,22808 | 7,379 | 9,33312 | 11,4112 | 16,3666 | 23,0954 | 21,2022 | 28,7772 | 22,77 |
| 4 | 341,395 | 487,259 | 611,829 | 754,395 | 909,301 | 1088,08 | 1192,1 | 1392,86 | 1627,32 | 4,07434 | 6,86129 | 9,24814 | 12,3176 | 13,2878 | 15,965 | 20,0012 | 24,4444 | 17,53 |
| 5 | 339,898 | 483,5 | 632,319 | 772,144 | 949,582 | 1106,31 | 1228,31 | 1435,32 | 1659,24 | 3,87942 | 6,54161 | 8,23352 | 10,6337 | 14,3477 | 19,3986 | 19,5177 | 23,5447 | 17,00 |
| 6 | 334,689 | 474,452 | 630,143 | 805,585 | 990,202 | 1181,4 | 1360,05 | 1654,09 | 1906,63 | 5,04322 | 9,61113 | 12,14 | 13,5345 | 16,769 | 27,4285 | 30,3539 | 41,0608 | 28,00 |
| 7 | 337,927 | 471,734 | 617,671 | 776,173 | 986,087 | 1152,88 | 1328,19 | 1561,26 | 1855,84 | 4,65231 | 8,40026 | 10,8301 | 12,4676 | 13,8844 | 20,9834 | 27,0766 | 25,9003 | 24,90 |
| 8 | 345,009 | 485,861 | 620,359 | 788,538 | 958,27 | 1121,21 | 1227,4 | 1473,85 | 1743,94 | 4,2517 | 7,38729 | 9,50619 | 11,7316 | 16,2424 | 19,7036 | 21,424 | 26,2327 | 21,20 |
| 9 | 345,847 | 486,795 | 621,651 | 790,219 | 961,336 | 1126,64 | 1242,25 | 1478,92 | 1745,59 | 4,58152 | 7,95323 | 11,5472 | 13,3013 | 17,3903 | 20,5319 | 28,9801 | 29,2043 | 28,23 |
| 10 | 339,272 | 483,59 | 635,044 | 784,475 | 957,809 | 1116,38 | 1228,08 | 1472,24 | 1735,19 | 4,0208 | 6,8478 | 8,74792 | 11,8501 | 15,6394 | 19,1469 | 20,7716 | 24,7368 | 18,45 |
| 11 | 340,136 | 484,571 | 635,564 | 786,791 | 961,061 | 1122,37 | 1243,6 | 1478,46 | 1740,73 | 4,36755 | 7,43345 | 10,7819 | 13,5282 | 17,0544 | 20,0506 | 28,6731 | 27,9305 | 26,66 |
| 12 | 332,852 | 477,579 | 634,686 | 807,992 | 967,019 | 1132,58 | 1298 | 1463,87 | 1583,53 | 4,43443 | 7,92165 | 9,74811 | 11,4208 | 15,7352 | 24,3843 | 25,3431 | 29,3837 | 25,93 |
| 13 | 333,831 | 478,738 | 635,185 | 808,423 | 969,293 | 1137,14 | 1310,6 | 1472,84 | 1601,47 | 4,74084 | 8,48815 | 11,7826 | 12,9861 | 16,9158 | 24,8322 | 32,5183 | 32,1151 | 29,78 |
| 14 | 336,113 | 477,352 | 628,466 | 790,559 | 952,482 | 1148,04 | 1320,92 | 1517,72 | 1621,87 | 4,50346 | 7,82995 | 10,6619 | 12,2281 | 15,5296 | 21,4474 | 25,8631 | 30,4359 | 30,29 |
| 15 | 333,422 | 475,044 | 623,96 | 784,035 | 944,793 | 1151,38 | 1307,36 | 1511,46 | 1638,88 | 4,48305 | 7,97505 | 10,4042 | 12,3496 | 15,4901 | 20,7688 | 28,435 | 33,8303 | 28,39 |
| 16 | 335,22 | 478,767 | 621,572 | 790,707 | 953,233 | 1159,37 | 1324,75 | 1535,9 | 1673,65 | 4,34217 | 7,43572 | 9,99427 | 11,5732 | 14,5233 | 19,0178 | 25,4131 | 31,2586 | 28,10 |
| 17 | 332,531 | 481,436 | 636,965 | 790,504 | 970,73 | 1120,61 | 1294,02 | 1413,28 | 1602,77 | 4,77639 | 8,53054 | 12,5517 | 13,2623 | 16,9119 | 24,4599 | 29,4482 | 33,465 | 29,96 |
| 18 | 331,373 | 479,954 | 635,826 | 792,381 | 962,668 | 1110,44 | 1271,46 | 1397,22 | 1591,83 | 4,47087 | 7,96057 | 10,4306 | 11,8186 | 15,8518 | 23,9653 | 22,165 | 30,2356 | 26,50 |
| 19 | 337,155 | 483,637 | 623,303 | 820,856 | 988,171 | 1183,71 | 1352,52 | 1542,3 | 1728,56 | 4,38527 | 7,53519 | 10,7599 | 12,318 | 16,0773 | 22,9556 | 30,7582 | 29,8188 | 25,49 |
| 20 | 340,351 | 483,792 | 631,125 | 782,147 | 959,231 | 1115,23 | 1244,83 | 1450,89 | 1698,24 | 4,19887 | 7,07667 | 10,0533 | 12,0229 | 15,7382 | 20,2109 | 26,3903 | 26,5601 | 25,28 |
| 21 | 337,025 | 484,822 | 616,805 | 776,755 | 938,926 | 1109,16 | 1224,73 | 1434,02 | 1691,81 | 4,53874 | 8,76808 | 10,6328 | 12,763 | 17,972 | 20,3897 | 26,3316 | 27,3407 | 31,84 |
| 22 | 329,878 | 474,342 | 627,095 | 796,698 | 965,74 | 1135,43 | 1282,83 | 1472,5 | 1624,72 | 4,4164 | 8,07322 | 9,47519 | 11,5605 | 15,6004 | 23,428 | 28,021 | 33,4695 | 23,56 |
| 23 | 332,558 | 478,339 | 624,198 | 804,198 | 974,206 | 1147,34 | 1302,23 | 1493,29 | 1644,9 | 4,26246 | 7,46869 | 9,0972 | 10,7348 | 14,3991 | 20,892 | 24,8725 | 30,4486 | 24,19 |
| 24 | 341,979 | 482,444 | 625,921 | 759,907 | 927,969 | 1113,9 | 1251,81 | 1471,59 | 1644,92 | 4,00372 | 6,59451 | 9,09161 | 11,4485 | 14,5008 | 17,5164 | 20,856 | 24,9974 | 24,25 |
| 25 | 347,137 | 485,653 | 615,113 | 764,701 | 932,19 | 1125,53 | 1255,67 | 1501,76 | 1686,29 | 4,34543 | 7,35623 | 10,429 | 12,4963 | 15,8722 | 17,6084 | 22,4752 | 27,3922 | 26,80 |

| | BR | BS | BT | BU | BV | BW | BX | BY | BZ | CA | CB | CC | CD | CE | CF | CG | CH | CI |
|----|---------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| 1 | TDB9s | TDB10s | TDB1r | TDB2r | TDB3r | TDB4r | TDB5r | TDB6r | TDB7r | TDB8r | TDB9r | TDB10r | PPSA-1 | PPSA-2 | PPSA-3 | PNSA-1 | PNSA-2 | PNSA-3 |
| 2 | 53,3776 | 9,72916 | 0,54019 | 0,88545 | 1,01746 | 1,14528 | 1,44204 | 1,88857 | 1,73549 | 1,75161 | 1,9564 | 0,99627 | 220,112 | 253,106 | 22,7771 | 202,066 | -232,35 | -33,3 |
| 3 | 22,7765 | 23,2656 | 0,51589 | 0,77493 | 0,88914 | 1,09693 | 1,45418 | 1,85344 | 2,0689 | 2,2455 | 2,34534 | 2,16337 | 354,862 | 440,95 | 23,2938 | 216,896 | -269,51 | -29,3 |
| 4 | 17,5389 | 27,4352 | 0,51079 | 0,76064 | 0,93856 | 1,1401 | 1,18865 | 1,51086 | 2,09276 | 2,07511 | 1,7579 | 1,81253 | 370,489 | 454,102 | 19,2124 | 206,906 | -253,6 | -27,6 |
| 5 | 18,55 | 25,0849 | 0,53127 | 0,79776 | 0,89336 | 1,03858 | 1,33997 | 1,81682 | 2,18479 | 2,21595 | 2,08877 | 2,09222 | 364,748 | 456,545 | 21,8612 | 177,821 | -222,57 | -24,1 |
| 6 | 27,0029 | 53,6512 | 0,53329 | 0,83443 | 1,05857 | 1,17188 | 1,44077 | 1,88112 | 2,21059 | 1,91593 | 1,77796 | 2,30245 | 276,844 | 326,116 | 21,5776 | 175,47 | -206,7 | -29,3 |
| 7 | 24,9002 | 47,0739 | 0,52063 | 0,77844 | 1,08841 | 1,22559 | 1,33743 | 1,669 | 2,29409 | 1,93957 | 2,00224 | 2,53236 | 334,245 | 389,63 | 20,1553 | 159,859 | -186,35 | -24,0 |
| 8 | 21,2072 | 31,9472 | 0,53562 | 0,809 | 0,95478 | 1,11758 | 1,34044 | 1,85129 | 2,26411 | 2,26242 | 2,03938 | 2,18639 | 375,364 | 561,103 | 26,9426 | 196,727 | -294,07 | -33,7 |
| 9 | 28,2392 | 42,3356 | 0,53726 | 0,82565 | 0,98559 | 1,13988 | 1,34856 | 1,84164 | 2,29993 | 2,33975 | 2,25897 | 2,29058 | 371,027 | 661,532 | 30,787 | 204,808 | -365,17 | -42,2 |
| 10 | 18,4579 | 30,2616 | 0,53542 | 0,8098 | 0,90005 | 1,08883 | 1,45026 | 1,83951 | 2,24975 | 2,1783 | 1,92259 | 2,05902 | 340,633 | 408,273 | 21,7024 | 199,511 | -239,13 | -25,6 |
| 11 | 26,6688 | 34,6297 | 0,53712 | 0,82673 | 0,9319 | 1,11445 | 1,4515 | 1,83023 | 2,28808 | 2,26358 | 2,17114 | 2,11419 | 335,923 | 499,426 | 25,5055 | 210,116 | -312,39 | -34,9 |
| 12 | 25,9382 | 28,5698 | 0,55171 | 0,88035 | 1,00807 | 1,16234 | 1,49052 | 1,99202 | 2,31028 | 2,51092 | 2,97049 | 3,14331 | 337,534 | 494,501 | 26,4556 | 273,014 | -399,98 | -31,5 |
| 13 | 29,7833 | 32,9676 | 0,55281 | 0,89602 | 1,03744 | 1,18191 | 1,48897 | 1,97506 | 2,34097 | 2,55115 | 3,02503 | 3,17133 | 332,746 | 583,369 | 30,8585 | 284,56 | -498,89 | -41,7 |
| 14 | 30,2984 | 28,7233 | 0,54293 | 0,85336 | 1,05603 | 1,21885 | 1,45924 | 1,85449 | 2,21006 | 2,54203 | 3,01871 | 3,16959 | 387,493 | 674,685 | 28,96 | 246,098 | -428,49 | -37,9 |
| 15 | 28,3997 | 29,8684 | 0,54008 | 0,83405 | 1,03929 | 1,22911 | 1,41095 | 1,79368 | 2,29222 | 2,61783 | 2,80741 | 3,47974 | 442,326 | 797,245 | 32,8473 | 248,835 | -448,5 | -35,6 |
| 16 | 28,1063 | 28,4452 | 0,53734 | 0,83264 | 1,01649 | 1,2029 | 1,41486 | 1,76963 | 2,18678 | 2,5575 | 2,82149 | 3,10157 | 436,893 | 775,71 | 31,8784 | 254,501 | -451,87 | -35,2 |
| 17 | 29,9642 | 32,4576 | 0,55322 | 0,90147 | 1,09941 | 1,22588 | 1,44529 | 1,91494 | 2,27971 | 2,76559 | 3,07211 | 3,28105 | 319,941 | 539,562 | 26,3086 | 287,68 | -485,15 | -41,6 |
| 18 | 26,5085 | 24,0881 | 0,55206 | 0,88551 | 1,07009 | 1,20993 | 1,44395 | 1,92235 | 2,24098 | 2,72441 | 3,0068 | 3,58428 | 344,131 | 481,194 | 26,1673 | 273,754 | -382,79 | -29,7 |
| 19 | 25,4991 | 28,9544 | 0,551374 | 0,77574 | 0,89531 | 1,09257 | 1,39178 | 1,84304 | 2,15097 | 2,31016 | 2,52189 | 2,66487 | 345,232 | 546,896 | 24,3891 | 236,776 | -375,09 | -38,7 |
| 20 | 25,2801 | 31,1671 | 0,53234 | 0,81247 | 0,92149 | 1,06493 | 1,35648 | 1,81434 | 2,22449 | 2,29688 | 2,29965 | 2,22011 | 355,925 | 548,062 | 24,1252 | 231,33 | -356,21 | -37,7 |
| 21 | 31,8464 | 42,777 | 0,54431 | 0,8288 | 1,02558 | 1,33242 | 1,59639 | 1,79994 | 2,09781 | 2,34289 | 2,6155 | 3,43084 | 515,616 | 1109,84 | 30,2273 | 281,215 | -605,3 | -41,1 |
| 22 | 23,5629 | 28,6872 | 0,54802 | 0,85624 | 0,9906 | 1,17306 | 1,42575 | 1,90941 | 2,15884 | 2,63229 | 2,73419 | 3,34817 | 380,425 | 580,634 | 28,1401 | 235,241 | -359,04 | -32,7 |
| 23 | 24,1935 | 28,4567 | 0,54478 | 0,85394 | 0,9694 | 1,14707 | 1,4297 | 1,86682 | 2,26678 | 2,53072 | 2,74527 | 3,31822 | 361,48 | 542,004 | 27,9668 | 241,114 | -361,53 | -30,8 |
| 24 | 24,2525 | 27,2174 | 0,52439 | 0,78095 | 0,93978 | 1,1008 | 1,33588 | 1,70435 | 2,09536 | 2,29575 | 2,38502 | 2,56917 | 425,063 | 649,405 | 23,7767 | 178,073 | -272,06 | -29,3 |
| 25 | 26,8081 | 34,0781 | 0,52822 | 0,79066 | 1,00488 | 1,1738 | 1,33009 | 1,72213 | 2,15263 | 2,34063 | 2,361 | 2,71899 | 413,337 | 731,994 | 27,322 | 178,53 | -316,17 | -37,7 |

| | CI | CJ | CK | CL | CM | CN | CO | CP | CQ | CR | CS | CT | CU | CV | CW | CX | CY | CZ |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|---------|---------|-------|
| 1 | PNSA-3 | DPSA-1 | DPSA-2 | DPSA-3 | FPSA-1 | FPSA-2 | FPSA-3 | FNSA-1 | FNSA-2 | FNSA-3 | WPSA-1 | WPSA-2 | WPSA-3 | WNSA-1 | WNSA-2 | WNSA-3 | RPCG | RNCG |
| 2 | -33,334 | 18,0459 | 485,461 | 56,1113 | 0,52137 | 0,59952 | 0,05395 | 0,47863 | -0,5504 | -0,079 | 92,9267 | 106,856 | 9,61602 | 85,3081 | -98,095 | -14,073 | 0,19225 | 0,313 |
| 3 | -29,345 | 137,966 | 710,464 | 52,6387 | 0,62065 | 0,77122 | 0,40074 | 0,37935 | -0,4714 | -0,0513 | 202,896 | 252,117 | 13,3184 | 124,012 | -154,1 | 16,778 | 0,18006 | 0,290 |
| 4 | -27,646 | 163,584 | 707,702 | 49,5674 | 0,64166 | 0,78647 | 0,03797 | 0,35834 | -0,4392 | -0,0479 | 213,919 | 262,196 | 12,6573 | 119,466 | -146,43</ | | | |

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Name

| | CZ | DA | DB | DC | DD | DE | DF | DG | DH | DI | DJ | DK | DL | DM | DN | DO | DP | DQ |
|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| 1 | RNCG | RPCS | RNCS | THSA | TPSA | RHSA | RPSA | GRAV-1 | GRAV-2 | GRAV-3 | GRAVH-1 | GRAVH-2 | GRAVH-3 | GRAV-4 | GRAV-5 | GRAV-6 | LOBMAX | LOBMII |
| 2 | 0,31342 | 1,52361 | 9,98799 | 290,717 | 131,461 | 0,68861 | 0,31139 | 974,777 | 31,2214 | 9,91521 | 1079,62 | 32,8575 | 10,2586 | 1708,57 | 41,3349 | 11,9549 | 2,00835 | 2,008 |
| 3 | 0,29004 | 1,38738 | 10,8701 | 463,719 | 108,039 | 0,81104 | 0,18896 | 1176,17 | 34,2953 | 10,5558 | 1335,78 | 36,5483 | 11,0131 | 2126,18 | 46,1105 | 12,8588 | 3,26757 | 2,267 |
| 4 | 0,29404 | 1,00494 | 11,0284 | 477,949 | 99,4463 | 0,82777 | 0,17223 | 1246,5 | 35,3058 | 10,7621 | 1422,53 | 37,7164 | 11,2466 | 2373,19 | 48,7154 | 13,3386 | 2,5526 | 3,525 |
| 5 | 0,28793 | 1,08655 | 9,22505 | 447,832 | 94,7372 | 0,82539 | 0,17461 | 1367,21 | 36,9758 | 11,0989 | 1543,22 | 39,2838 | 11,556 | 2597,46 | 50,9653 | 13,7462 | 3,02929 | 3,013 |
| 6 | 0,30595 | 1,77704 | 9,94157 | 336,588 | 115,727 | 0,74415 | 0,25585 | 1088,44 | 32,9915 | 10,2865 | 1196,11 | 34,5849 | 10,6151 | 1922,46 | 43,8459 | 12,4342 | 4,25895 | 4,258 |
| 7 | 0,2991 | 1,74951 | 5,34923 | 417,961 | 76,1431 | 0,8459 | 0,1541 | 1187,24 | 34,4563 | 10,5888 | 1307,06 | 36,1533 | 10,9336 | 2103,45 | 45,8634 | 12,8128 | 4,3125 | 4,31 |
| 8 | 0,25287 | 1,0534 | 6,29416 | 448,948 | 123,144 | 0,78475 | 0,21525 | 1440,96 | 37,96 | 11,295 | 1597,07 | 39,9633 | 11,6889 | 2718,19 | 52,1363 | 13,956 | 4,20272 | 4,292 |
| 9 | 0,21201 | 0,88315 | 5,24071 | 401,894 | 173,941 | 0,69793 | 0,30207 | 1545,29 | 39,3102 | 11,5612 | 1708,25 | 41,331 | 11,9541 | 2996,25 | 54,738 | 14,4165 | 4,31199 | 4,311 |
| 10 | 0,30069 | 1,38419 | 9,62516 | 441,314 | 98,8297 | 0,81703 | 0,18297 | 1318,64 | 36,313 | 10,9658 | 1474,78 | 38,4029 | 11,3826 | 2449,3 | 49,4904 | 13,4797 | 3,4937 | 3,49 |
| 11 | 0,24063 | 1,11591 | 7,53822 | 395,719 | 150,32 | 0,72471 | 0,27529 | 1423 | 37,7277 | 11,2478 | 1586 | 39,8246 | 11,6619 | 2725,36 | 52,2049 | 13,9682 | 3,51975 | 3,519 |
| 12 | 0,246 | 1,14464 | 8,0006 | 506,514 | 104,034 | 0,82961 | 0,17039 | 1554,09 | 39,4219 | 11,5831 | 1716,61 | 41,432 | 11,9736 | 2893,54 | 53,7916 | 14,2498 | 6,14538 | 6,145 |
| 13 | 0,24046 | 0,95651 | 6,53196 | 461,974 | 155,332 | 0,74837 | 0,25163 | 1658,44 | 40,7239 | 11,8368 | 1827,81 | 42,7528 | 12,2267 | 3171,45 | 56,3156 | 14,6922 | 5,9969 | 5,99 |
| 14 | 0,20547 | 0,89838 | 6,92224 | 501,078 | 132,513 | 0,79085 | 0,20915 | 1756,9 | 41,9153 | 12,0665 | 1938,37 | 44,027 | 12,4685 | 3378,74 | 58,1269 | 15,0055 | 2,64114 | 2,641 |
| 15 | 0,19848 | 3,76195 | 6,3592 | 562,908 | 128,253 | 0,81444 | 0,18556 | 1854,42 | 43,0629 | 12,2858 | 2042,21 | 45,1908 | 12,6872 | 3554,66 | 59,621 | 15,2616 | 3,04416 | 3,044 |
| 16 | 0,20149 | 2,84562 | 6,48415 | 567,552 | 123,842 | 0,82088 | 0,17912 | 1818,74 | 42,6467 | 12,2065 | 2019,69 | 44,941 | 12,6404 | 3482,67 | 59,0141 | 15,1578 | 2,99538 | 2,995 |
| 17 | 0,21214 | 1,04621 | 6,71197 | 453,23 | 154,391 | 0,74591 | 0,25409 | 1656,15 | 40,6958 | 11,8313 | 1825,59 | 42,7269 | 12,2218 | 3250,22 | 57,0107 | 14,8128 | 2,33569 | 2,335 |
| 18 | 0,25774 | 2,4518 | 6,88349 | 509,922 | 107,963 | 0,82527 | 0,17473 | 1552,71 | 39,4044 | 11,5797 | 1715,1 | 41,4137 | 11,9701 | 2974,76 | 54,5414 | 14,3619 | 2,36939 | 2,369 |
| 19 | 0,22583 | 0,98609 | 7,26118 | 431,739 | 150,269 | 0,74181 | 0,25819 | 1340,86 | 36,6178 | 11,0271 | 1526,91 | 39,0757 | 11,5152 | 2517,33 | 50,173 | 13,6034 | 2,80735 | 2,807 |
| 20 | 0,23233 | 0,97108 | 7,55618 | 441,006 | 146,249 | 0,75096 | 0,24904 | 1475,11 | 38,4071 | 11,3835 | 1657,73 | 40,7152 | 11,8351 | 2871,61 | 53,5874 | 14,2138 | 2,289 | 2,2 |
| 21 | 0,12802 | 0,53115 | 4,14529 | 648,078 | 148,754 | 0,81332 | 0,18668 | 2310,43 | 48,0669 | 13,22 | 2523,17 | 50,2311 | 13,6139 | 4855,92 | 69,6845 | 16,9339 | 2,93597 | 2,935 |
| 22 | 0,23613 | 2,22715 | 8,53364 | 497,037 | 118,628 | 0,80732 | 0,19268 | 1652,35 | 40,649 | 11,8223 | 1820,86 | 42,6715 | 12,2112 | 3078,87 | 55,4876 | 14,4478 | 2,80458 | 2,804 |
| 23 | 0,24036 | 1,43609 | 8,72766 | 492,545 | 110,05 | 0,81737 | 0,18263 | 1616,71 | 40,2083 | 11,7366 | 1798,36 | 42,4071 | 12,1607 | 3007,82 | 54,8436 | 15,4543 | 2,81653 | 2,816 |
| 24 | 0,23416 | 1,03466 | 7,58224 | 499,385 | 103,751 | 0,82798 | 0,17202 | 1571,6 | 39,6434 | 11,6265 | 1766,68 | 42,0319 | 12,0889 | 3082,73 | 55,5223 | 14,5539 | 2,44949 | 2,449 |
| 25 | 0,21345 | 0,86904 | 5,16692 | 463,971 | 127,897 | 0,78391 | 0,21609 | 1641,37 | 40,5139 | 11,796 | 1817,05 | 42,6269 | 12,2027 | 3199,25 | 56,5619 | 14,735 | 2,40462 | 2,404 |

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Name

| | DQ | DR | DS | DT | DU | DV | DW | DX | DY | DZ | EA | EB | EC | ED | EE | EF | EG | EH |
|----|---------|---------|---------|---------|---------|---------|---------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| 1 | LOBMIN | MOMI-X | MOMI-Z | MOMI-XY | MOMI-XZ | MOMI-YZ | MOMI-R | geomRadi | geomDiam | geomSha | RDF10u | RDF15u | RDF20u | RDF25u | RDF30u | RDF35u | RDF40u | |
| 2 | 2,00835 | 1585,13 | 1443,34 | 141,789 | 1,09824 | 11,1795 | 10,1795 | 5,14582 | 5,83545 | 10,3532 | 0,77419 | 5,75101 | 4,58575 | 3,62171 | 14,7622 | 1,76923 | 5,46414 | 6,551 |
| 3 | 3,26757 | 3346,91 | 3158,42 | 198,402 | 1,05968 | 16,8693 | 15,9193 | 6,26233 | 7,05104 | 13,7384 | 0,94843 | 6,85043 | 7,24473 | 4,62667 | 25,8667 | 4,35285 | 6,01553 | 9,99 |
| 4 | 2,5526 | 3050,39 | 2782,06 | 327,574 | 1,09645 | 9,31208 | 8,49292 | 6,35006 | 6,69817 | 12,9265 | 0,92986 | 6,97783 | 8,41273 | 4,54175 | 24,2905 | 7,65592 | 15,6585 | 16,11 |
| 5 | 3,01383 | 3580,16 | 3299,22 | 338,887 | 1,08515 | 10,5645 | 9,73546 | 6,57038 | 6,68902 | 12,9212 | 0,9317 | 6,97966 | 10,0534 | 5,63833 | 26,3253 | 9,39762 | 15,3656 | 15,3 |
| 6 | 4,25895 | 2051,19 | 1904,43 | 150,088 | 1,07706 | 13,6666 | 12,6888 | 5,43483 | 6,226 | 11,6295 | 0,86789 | 4,81388 | 4,80981 | 5,08117 | 13,696 | 1,7022 | 5,09416 | 9,90 |
| 7 | 4,3125 | 2545,49 | 2396,64 | 155,767 | 1,06222 | 16,3417 | 15,3845 | 5,67128 | 6,279 | 12,9142 | 0,94846 | 4,81036 | 5,11662 | 6,79298 | 15,4311 | 3,64301 | 4,60048 | 6,180 |
| 8 | 4,29272 | 3626,87 | 3312,87 | 338,136 | 1,09478 | 10,7261 | 9,79745 | 6,58866 | 7,07672 | 13,1608 | 0,85973 | 6,21388 | 9,27941 | 6,54601 | 24,0549 | 6,45373 | 11,5927 | 12,33 |
| 9 | 4,31199 | 4169,57 | 3812,84 | 381,129 | 1,09356 | 10,9401 | 10,0041 | 6,78164 | 7,07677 | 13,1746 | 0,86167 | 6,60663 | 9,44489 | 7,17563 | 25,0283 | 6,47605 | 11,171 | 13,1 |
| 10 | 3,4937 | 3125,71 | 2855,05 | 291,413 | 1,0948 | 10,7261 | 9,79729 | 6,30897 | 7,04426 | 12,9909 | 0,84419 | 6,22734 | 9,04565 | 4,78237 | 21,1288 | 8,29056 | 7,06511 | 10,98 |
| 11 | 3,51975 | 3600,83 | 3283,85 | 337,773 | 1,09653 | 10,6605 | 9,72204 | 6,54002 | 7,04412 | 13,0021 | 0,84581 | 6,6173 | 9,21046 | 5,41459 | 22,0983 | 8,31341 | 7,04527 | 11,81 |
| 12 | 6,14538 | 5541,8 | 5170,28 | 374,798 | 1,07186 | 14,7861 | 13,7949 | 7,40103 | 8,44985 | 15,5846 | 0,84437 | 8,01676 | 8,68938 | 6,35353 | 23,9596 | 3,87076 | 9,23994 | 12,17 |
| 13 | 5,9969 | 6273,35 | 5869,63 | 407,001 | 1,06878 | 15,4136 | 14,4217 | 7,58769 | 8,44971 | 15,5967 | 0,84582 | 8,40774 | 8,85498 | 6,98391 | 24,9224 | 3,87477 | 9,22044 | 13,00 |
| 14 | 2,64114 | 7104,72 | 6685,54 | 425,833 | 1,0627 | 16,6843 | 15,6999 | 7,77657 | 8,45902 | 16,7352 | 0,97839 | 8,3974 | 9,19136 | 8,75843 | 27,1612 | 7,00531 | 8,27497 | 14,29 |
| 15 | 3,04416 | 8726,19 | 8355,7 | 380,539 | 1,04434 | 22,9311 | 21,9575 | 7,98838 | 9,1478 | 17,8037 | 0,94623 | 7,92598 | 9,52194 | 8,10447 | 29,5205 | 7,75437 | 10,7905 | 11,54 |
| 16 | 2,99538 | 8841,45 | 8476,89 | 374,604 | 1,04301 | 23,6021 | 22,629 | 8,01734 | 9,14165 | 17,7837 | 0,94535 | 8,83379 | 10,0849 | 7,90895 | 32,8641 | 8,14781 | 10,7467 | 12,95 |
| 17 | 2,33569 | 5612,62 | 5197,54 | 418,491 | 1,07986 | 13,4116 | 12,4197 | 7,33275 | 7,74328 | 15,0144 | 0,93902 | 8,29973 | 9,16822 | 6,75147 | 24,6505 | 4,46775 | 11,3986 | 12,0 |
| 18 | 2,36939 | 4942,22 | 4581,39 | 364,259 | 1,07876 | 13,5679 | 12,5773 | 7,0825 | 7,74324 | 14,9666 | 0,93286 | 7,94266 | 8,95707 | 6,19313 | 24,5274 | 4,23495 | 10,9103 | 11,98 |
| 19 | 2,80735 | 4773,2 | 4099,17 | 276,691 | 1,05843 | 17,251 | 16,2987 | 6,96038 | 8,37502 | 15,5776 | 0,86001 | 7,77019 | 8,35077 | 5,43021 | 30,7615 | 6,004 | 6,51279 | 10,52 |
| 20 | 2,289 | 4143,09 | 3783,44 | 387,671 | 1,09506 | 10,6871 | 9,75941 | 6,81205 | 7,20048 | 13,223 | 0,8364 | 7,16304 | 10,5072 | 5,80383 | 28,9683 | 10,3293 | 14,8199 | 13,94 |
| 21 | 2,93597 | 12997,5 | 12573,8 | 643,371 | 1,0337 | 20,2023 | 19,5436 | 9,98809 | 10,0896 | 19,6599 | 0,94852 | 8,89218 | 12,1246 | 5,55999 | 35,3001 | 13,9165 | 14,2049 | 14,64 |
| 22 | 2,80458 | 6920,52 | 6625,24 | 301,895 | 1,04457 | 22,9236 | 21,9455 | 7,50175 | 8,6753 | 17,2246 | 0,98548 | 7,60665 | 8,96325 | 5,82872 | 26,4308 | 6,88888 | 9,1321 | 11,61 |
| 23 | 2,81653 | 7033,37 | 6754,93 | 285,05 | 1,04122 | 24,6742 | 23,6974 | 7,48823 | 8,71325 | 17,3214 | 0,98794 | 8,50938 | 9,52446 | 5,62752 | 29,7564 | 5,06438 | 9,86804 | 13,01 |
| 24 | 2,44949 | 4683,39 | 4327,91 | 431,539 | 1,08214 | 10,8528 | 10,029 | 7,04146 | 7,41785 | 14,0337 | 0,89188 | 7,36238 | 10,4857 | 7,82801 | 26,7729 | 10,6498 | 17,142 | 17,58 |
| 25 | 2,40462 | 4728,17 | 4375,08 | 425,733 | 1,08071 | 11,1106 | 10,2766 | 7,02289 | 7,08081 | 13,6095 | 0,92202 | 6,79173 | 9,72036 | 9,69201 | 25,0519 | 5,68819 | 10,8402 | 14,40 |

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| | EH | EI | EJ | EK | EL | EM | EN | EO | EP | EQ | ER | ES | ET | EU | EV | EW | EX | EY |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|----------|---------|
| 1 | RDF40u | RDF45u | RDF50u | RDF55u | RDF60u | RDF65u | RDF70u | RDF75u | RDF80u | RDF85u | RDF90u | RDF95u | RDF100u | RDF105u | RDF110u | RDF115u | RDF120u | RDF125u |
| 2 | 6,55125 | 7,87799 | 7,40822 | 0,7626 | 1,34744 | 4,71206 | 3,46542 | 2,31862 | 0,99742 | 3,16658 | 1,98628 | 0,0856 | 0,79989 | 0,11581 | 6,76619 | 7,60658 | 1,656118 | 6,916 |
| 3 | 9,9961 | 10,2932 | 14,4906 | 0,76674 | 1,19001 | 8,91072 | 4,45149 | 12,3896 | 1,04675 | 6,75331 | 9,97933 | 2,4692 | 7,65179 | 1,36661 | 1,50405 | 4,14952 | 1 | |

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EG1

RDF35u

| | EY | EZ | FA | FB | FC | FD | FE | FF | FG | FH | FI | FJ | FK | FL | FM | FN | FO |
|----|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | RDF125u | RDF130u | RDF135u | RDF140u | RDF145u | RDF150u | RDF155u | RDF160u | RDF15m | RDF20m | RDF25m | RDF30m | RDF35m | RDF40m | RDF45m | RDF50m | RDF55m |
| 2 | 6.91E-201 | 5.58E-305 | 0 | 0 | 0 | 0 | 0 | 0.54191 | 4.63788 | 0.30418 | 9.38138 | 1.00767 | 0.66507 | 0.91062 | 2.07301 | 3.33031 | 0.22269 |
| 3 | 0.001678 | 3.00896 | 1.54139 | 0.00107 | 6.48E-26 | 7.59E-70 | 1.71E-135 | 6.2082 | 7.43389 | 0.38455 | 12.2039 | 1.01732 | 0.7104 | 1.27605 | 2.05855 | 5.83846 | 0.2258 |
| 4 | 0.863022 | 0.58279 | 5.21E-15 | 8.99E-51 | 2.99E-108 | 1.92E-187 | 2.37E-288 | 0.61844 | 8.79301 | 0.36973 | 13.6042 | 2.81216 | 2.37411 | 1.95211 | 3.47346 | 5.10832 | 1.30879 |
| 5 | 1.388712 | 0.53709 | 2.81E-15 | 2.84E-51 | 5.52E-109 | 2.07E-188 | 1.50E-289 | 0.61864 | 10.433 | 0.39807 | 16.0146 | 2.68613 | 2.36898 | 1.70674 | 3.79211 | 6.05054 | 3.7739 |
| 6 | 1.22E-33 | 2.65E-82 | 1.11E-152 | 8.93E-245 | 0 | 0 | 0 | 0.43728 | 4.96236 | 0.4864 | 9.71598 | 1.01602 | 0.65415 | 0.94102 | 2.09975 | 3.62848 | 0.15955 |
| 7 | 0.66617 | 0.47882 | 1.25E-15 | 6.26E-52 | 6.07E-110 | 1.13E-189 | 4.09E-291 | 0.41182 | 5.35783 | 0.69274 | 10.809 | 1.72264 | 0.62402 | 1.08614 | 2.09947 | 4.03969 | 0.14257 |
| 8 | 1.79457 | 0.07537 | 1.01E-05 | 2.59E-31 | 1.29E-78 | 1.23E-147 | 2.28E-238 | 0.55447 | 9.95581 | 0.59768 | 15.6733 | 1.95586 | 1.62348 | 1.74647 | 2.81915 | 6.60504 | 0.87224 |
| 9 | 1.741406 | 0.04743 | 2.52E-05 | 2.58E-30 | 5.10E-77 | 1.95E-145 | 1.43E-235 | 0.61246 | 10.1572 | 0.65016 | 16.7549 | 1.98793 | 1.72332 | 1.93357 | 2.96554 | 7.03455 | 0.85433 |
| 10 | 0.00133 | 0.99183 | 5.57E-12 | 6.03E-45 | 1.26E-99 | 5.07E-176 | 3.94E-274 | 0.55602 | 9.36209 | 0.401 | 12.1699 | 2.28243 | 1.43152 | 1.36326 | 4.05176 | 4.87316 | 0.73812 |
| 11 | 0.001176 | 0.99957 | 1.71E-11 | 5.63E-44 | 3.58E-98 | 4.39E-174 | 1.04E-271 | 0.61383 | 9.56305 | 0.45374 | 13.2484 | 2.31244 | 1.53243 | 1.54864 | 4.18575 | 5.30969 | 0.72369 |
| 12 | 6.772645 | 1.35392 | 5.7731 | 0.09654 | 2.118214 | 0.0863 | 1.479786 | 0.71913 | 8.88573 | 0.48578 | 16.0529 | 2.27581 | 0.96254 | 1.6957 | 2.80985 | 8.39646 | 0.28877 |
| 13 | 6.526724 | 2.74008 | 6.30015 | 0.2616 | 2.537617 | 0.569729 | 1.370225 | 0.77702 | 9.08763 | 0.53838 | 17.1314 | 2.30456 | 1.06303 | 1.87879 | 2.94352 | 8.84068 | 0.27656 |
| 14 | 7.695258 | 3.51807 | 4.9836 | 4.8201 | 0.479834 | 3.20301 | 0.981485 | 0.75113 | 9.51325 | 0.74992 | 18.8473 | 3.89674 | 1.03142 | 1.92985 | 3.21989 | 9.064 | 0.34375 |
| 15 | 9.186963 | 2.54549 | 8.84421 | 3.42151 | 2.716851 | 3.390351 | 2.556169 | 0.69685 | 9.80122 | 0.77982 | 19.2967 | 5.41022 | 1.23095 | 1.65549 | 3.67487 | 6.85157 | 0.38881 |
| 16 | 8.314692 | 6.40685 | 8.7142 | 4.36773 | 2.396564 | 4.205385 | 4.321465 | 0.7856 | 10.3983 | 0.72508 | 20.4054 | 5.42152 | 1.17356 | 1.91336 | 4.06957 | 8.22117 | 0.47958 |
| 17 | 4.73682 | 2.14402 | 3.57683 | 1.08204 | 1.013214 | 0.979505 | 0.754E-11 | 0.7699 | 9.39843 | 0.46949 | 19.0562 | 3.80167 | 1.11143 | 1.88652 | 4.75279 | 7.2846 | 1.17622 |
| 18 | 3.064464 | 3.45161 | 2.4142 | 0.33909 | 0.019437 | 0.894269 | 4.39E-13 | 0.71517 | 9.14787 | 0.43624 | 17.5352 | 3.40225 | 1.02769 | 1.79507 | 4.65266 | 7.09716 | 1.20241 |
| 19 | 5.860574 | 2.03413 | 3.96089 | 0.00509 | 5.033715 | 0.007769 | 0.60445 | 0.7221 | 8.57916 | 0.4364 | 14.6872 | 1.4286 | 0.79159 | 1.65494 | 2.13882 | 7.31079 | 0.196 |
| 20 | 1.776327 | 0.11146 | 5.49E-04 | 6.03E-27 | 1.50E-71 | 7.20E-138 | 6.68E-226 | 0.65817 | 10.9239 | 0.47362 | 17.1722 | 3.72338 | 2.0074 | 1.6993 | 2.9252 | 6.4986 | 0.9028 |
| 21 | 7.176243 | 8.99211 | 13.458 | 4.59488 | 4.744451 | 5.257474 | 3.587806 | 0.78438 | 12.4659 | 0.46303 | 23.1289 | 12.38 | 5.12365 | 4.48534 | 6.24747 | 12.806 | 0.48694 |
| 22 | 4.353936 | 2.82365 | 6.12682 | 1.62532 | 2.051752 | 1.028058 | 0.788628 | 0.67166 | 9.1188 | 0.52916 | 15.7249 | 2.0489 | 1.02989 | 1.62646 | 2.61857 | 6.10809 | 0.27952 |
| 23 | 5.237555 | 3.586 | 4.93211 | 2.30337 | 3.289303 | 1.31497 | 1.67078 | 0.76 | 9.71421 | 0.47425 | 16.831 | 2.04907 | 0.97282 | 1.88161 | 3.01026 | 8.0932 | 0.37249 |
| 24 | 2.782533 | 1.80674 | 2.11521 | 0.89249 | 3.61E-10 | 2.82E-41 | 4.25E-94 | 0.65041 | 10.9841 | 0.6415 | 17.7315 | 3.03876 | 2.82042 | 2.021 | 4.89802 | 7.20022 | 3.9879 |
| 25 | 3.236878 | 1.83794 | 0.31873 | 2.38E-07 | 3.63E-35 | 1.07E-84 | 6.04E-156 | 0.60259 | 10.5743 | 0.87821 | 18.0824 | 2.27301 | 2.2498 | 1.93649 | 4.88556 | 7.18591 | 3.70244 |

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| | FP | FQ | FR | FS | FT | FU | FV | FW | FX | FY | FZ | GA | GB | GC | GD | GE | GF |
|----|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|
| 1 | RDF60m | RDF65m | RDF70m | RDF75m | RDF80m | RDF85m | RDF90m | RDF95m | RDF100m | RDF105m | RDF110m | RDF115m | RDF120m | RDF125m | RDF130m | RDF135m | RDF140m |
| 2 | 0.63944 | 3.13079 | 0.4183 | 0.73687 | 1.32476 | 1.81946 | 1.46769 | 0.00837 | 0.08942 | 8.16E-04 | 4.76E-21 | 5.36E-60 | 1.16E-120 | 4.87E-203 | 3.93E-307 | 0 | 0 |
| 3 | 0.70597 | 3.51832 | 0.53788 | 3.1519 | 1.37614 | 2.17812 | 3.82126 | 0.20592 | 2.00783 | 1.25731 | 0.06529 | 0.95968 | 0.126144 | 0.001385 | 0.257515 | 0.102976 | 7.52E-06 |
| 4 | 1.01886 | 4.29885 | 1.16522 | 2.94246 | 2.32227 | 1.61267 | 3.30721 | 0.38606 | 1.00785 | 0.82117 | 0.07771 | 0.50889 | 0.075656 | 0.096475 | 0.004105 | 3.67E-17 | 6.33E-53 |
| 5 | 1.2024 | 5.95066 | 1.65612 | 2.71007 | 2.2765 | 1.6947 | 3.22083 | 0.36714 | 1.63345 | 1.07088 | 0.29386 | 2.57454 | 0.102698 | 0.095735 | 0.003783 | 1.98E-17 | 2.00E-53 |
| 6 | 0.61832 | 3.30398 | 0.40526 | 0.97723 | 1.88546 | 2.07733 | 2.18427 | 0.16725 | 4.85E-04 | 0.07362 | 0.10681 | 0.00138 | 7.67E-09 | 8.62E-36 | 1.87E-84 | 7.80E-155 | 6.29E-247 |
| 7 | 0.63909 | 3.62556 | 0.45377 | 1.22447 | 1.88003 | 2.17832 | 3.30319 | 0.48205 | 1.22394 | 0.10892 | 0.12319 | 0.28429 | 0.078828 | 0.005937 | 0.003372 | 8.78E-18 | 4.41E-54 |
| 8 | 0.88857 | 4.36852 | 0.95423 | 3.88174 | 2.66178 | 1.86783 | 4.17418 | 0.43038 | 3.36391 | 0.91791 | 0.15008 | 1.34767 | 0.072137 | 0.098408 | 5.31E-04 | 7.09E-08 | 1.83E-33 |
| 9 | 1.09575 | 4.51916 | 0.88398 | 4.40854 | 2.64573 | 2.41569 | 5.19039 | 0.35407 | 3.43262 | 2.14317 | 0.57057 | 1.42901 | 0.140925 | 0.097443 | 3.34E-04 | 1.77E-07 | 1.82E-32 |
| 10 | 1.74974 | 3.48421 | 0.86433 | 2.8579 | 1.66229 | 2.95374 | 3.8964 | 0.3543 | 4.49443 | 1.73004 | 0.24034 | 0.01078 | 0.051132 | 1.49E-04 | 0.006986 | 3.92E-14 | 4.25E-47 |
| 11 | 1.96742 | 3.61347 | 0.81226 | 3.60893 | 1.66901 | 3.70814 | 5.21584 | 0.32163 | 6.68187 | 3.01323 | 0.8196 | 0.01757 | 0.11978 | 1.31E-04 | 0.00704 | 1.20E-13 | 3.96E-46 |
| 12 | 0.7722 | 7.83888 | 1.42666 | 4.49167 | 2.2662 | 2.14243 | 6.51123 | 0.35487 | 4.13018 | 1.43246 | 0.46852 | 3.70087 | 0.164418 | 1.496843 | 0.113932 | 0.409398 | 0.107193 |
| 13 | 0.99818 | 7.94247 | 1.38384 | 5.48157 | 2.26767 | 3.19726 | 6.48791 | 0.30048 | 4.20247 | 1.45239 | 0.90144 | 3.93924 | 0.094294 | 4.299947 | 0.257927 | 1.58185 | 0.114676 |
| 14 | 1.28883 | 8.10691 | 1.4597 | 5.12932 | 2.29002 | 3.81637 | 6.70031 | 0.30372 | 4.22171 | 1.58224 | 1.62408 | 4.19655 | 0.097864 | 5.071586 | 0.327496 | 1.24858 | 0.692124 |
| 15 | 2.36799 | 5.84179 | 0.58634 | 3.80001 | 2.39205 | 6.50402 | 4.18354 | 0.29735 | 1.67993 | 0.95318 | 0.51016 | 2.02315 | 1.115003 | 3.562785 | 1.153739 | 3.224508 | 1.566952 |
| 16 | 1.49968 | 5.63477 | 0.52979 | 5.42823 | 1.58238 | 4.16002 | 4.46495 | 0.18476 | 4.15409 | 1.55791 | 2.55073 | 3.99869 | 1.715613 | 1.426451 | 1.285162 | 2.22412 | 1.868498 |
| 17 | 2.06155 | 4.6386 | 1.3469 | 5.63059 | 1.59425 | 3.13905 | 6.21176 | 0.58921 | 4.04745 | 1.7259 | 3.4353 | 3.04933 | 0.764602 | 2.646944 | 0.207876 | 0.33968 | 0.602804 |
| 18 | 1.63517 | 4.51745 | 1.34369 | 5.33806 | 1.60318 | 1.67856 | 6.32731 | 0.42835 | 3.90555 | 1.7589 | 2.49573 | 1.77975 | 0.580542 | 1.214739 | 0.24795 | 0.178517 | 0.028313 |
| 19 | 1.17279 | 4.1252 | 0.5215 | 4.39791 | 1.38531 | 3.62715 | 3.6501 | 0.20733 | 3.33066 | 1.22528 | 1.70577 | 1.72614 | 0.127747 | 1.652223 | 0.228414 | 1.574542 | 0.00391 |
| 20 | 1.41967 | 5.31747 | 1.04484 | 2.57669 | 2.93122 | 2.82946 | 4.97649 | 0.49641 | 1.90253 | 1.76828 | 0.56217 | 1.32356 | 0.151796 | 0.129282 | 7.85E-04 | 3.87E-06 | 4.25E-29 |
| 21 | 3.81684 | 8.92023 | 0.84182 | 8.01182 | 2.49978 | 7.24073 | 7.09498 | 1.74779 | 5.83657 | 2.20252 | 3.90238 | 4.69665 | 2.941052 | 3.970875 | 1.469191 | 3.816444 | 2.768367 |
| 22 | 1.64809 | 5.46987 | 0.67342 | 3.23861 | 2.27112 | 4.53792 | 4.17766 | 0.35482 | 1.50719 | 0.88425 | 3.99749 | 1.97975 | 0.99369 | 2.179367 | 1.05199 | 2.370899 | 0.427705 |
| 23 | 0.79232 | 5.27787 | 0.63035 | 4.84019 | 1.50078 | 2.33068 | 4.55177 | 0.24506 | 3.89172 | 1.52738 | 0.67284 | 4.00555 | 1.78599 | 2.810377 | 1.132407 | 0.763289 | 0.747024 |
| 24 | 1.63348 | 6.12361 | 2.38619 | 2.87268 | 2.4904 | 4.22889 | 4.42854 | 1.39661 | 3.08578 | 1.40182 | 1.20534 | 2.82958 | 1.152545 | 0.159188 | 0.043848 | 0.014898 | 0.006286 |
| 25 | 1.51745 | 5.14688 | 2.26462 | 3.36517 | 2.32052 | 2.17363 | 5.51492 | 1.4722 | 3.56264 | 1.21904 | 1.19272 | 2.03683 | 0.988965 | 0.208545 | 0.102426 | 0.002245 | 1.68E-09 |

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| | GG | GH | GI | GJ | GK | GL | GM | GN | GO | GP | GQ | GR | GS | GT | GU | GV | GW | GX |
|---|-----------|-----------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | RDF145m | RDF150m | RDF155m | RDF160m | RDF165m | RDF170m | RDF175m | RDF180m | RDF185m | RDF190m | RDF195m | RDF200m | RDF205m | RDF210m | RDF215m | RDF220m | RDF225m | RDF230m |
| 2 | 0 | 0 | 0 | 1.37213 | 4.52841 | 0.96008 | 9.16393 | 1.04243 | 1.4646 | 1.91567 | 2.7239 | 3.39154 | 0.1734 | 0.74511 | 2.2248 | 0.79917 | 0.85773 | 0.871 |
| 3 | 4.57E-28 | 5.34E-72 | 1.21E-137 | 1.73002 | 6.98826 | 1.15903 | 12.2754 | 1.23228 | 1.6186 | 2.86599 | 2.78855 | 6.67436 | 0.17561 | 0.77705 | 3.32117 | 1.07064 | 4.51891 | 0.7 |
| 4 | 2.11E-110 | 1.35E-189 | 1.67E-290 | 1.82343 | 7.87282 | 1.10932 | 13.1657 | 3.37348 | 3.90576 | 4.17296 | 5.19172 | 5.88489 | 1.55336 | 1.79901 | 4.33864 | 1.70341 | 3 | |

| EG1 | GX | GY | GZ | HA | HB | HC | HD | HE | HF | HG | HH | HI | HJ | HK | HL | HM | HN |
|-----|---------|---------|---------|---------|----------|---------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|
| 1 | RDF80v | RDF85v | RDF90v | RDF95v | RDF100v | RDF105v | RDF110v | RDF115v | RDF120v | RDF125v | RDF130v | RDF135v | RDF140v | RDF145v | RDF150v | RDF155v | RDF10e |
| 2 | 0,71141 | 0,89384 | 0,65047 | 0,01757 | 0,1549 | 0,0085 | 4,96E-20 | 5,58E-59 | 1,21E-119 | 5,07E-202 | 4,09E-306 | 0 | 0 | 0 | 0 | 0 | 5,99298 |
| 3 | 0,76367 | 1,83254 | 3,77632 | 0,65673 | 2,89713 | 1,15825 | 0,21918 | 1,23376 | 4,0821 | 7,96E-04 | 0,531122 | 0,21889 | 7,84E-05 | 4,76E-27 | 5,57E-71 | 1,26E-136 | 6,88911 |
| 4 | 2,28817 | 1,64675 | 2,87454 | 1,0059 | 1,0994 | 0,65854 | 0,31755 | 0,29073 | 0,33287 | 0,167123 | 0,042774 | 3,83E-16 | 6,60E-52 | 2,19E-109 | 1,41E-188 | 1,74E-289 | 6,87045 |
| 5 | 2,23115 | 2,47054 | 2,95339 | 1,20898 | 1,92878 | 0,95185 | 0,101467 | 1,53421 | 0,25763 | 0,200605 | 0,03942 | 2,06E-16 | 2,08E-52 | 4,05E-110 | 1,52E-189 | 1,10E-290 | 6,87215 |
| 6 | 1,27331 | 1,39677 | 1,74457 | 0,5224 | 2,82E-04 | 0,11777 | 0,30247 | 0,01435 | 8,00E-08 | 8,98E-35 | 1,95E-83 | 8,13E-154 | 6,55E-246 | 0 | 0 | 0 | 4,82797 |
| 7 | 1,33649 | 1,61933 | 2,96832 | 0,6929 | 0,92373 | 0,17152 | 0,21341 | 0,58593 | 0,27067 | 0,052093 | 0,035143 | 9,15E-17 | 4,60E-53 | 4,45E-111 | 8,32E-191 | 3,00E-292 | 4,5431 |
| 8 | 2,24428 | 1,99492 | 2,91619 | 1,46541 | 2,25834 | 0,97734 | 0,38583 | 0,78486 | 0,12547 | 0,230277 | 0,005532 | 7,39E-07 | 1,90E-32 | 9,46E-80 | 9,06E-149 | 1,68E-239 | 6,14942 |
| 9 | 2,23946 | 2,18541 | 3,55887 | 1,19712 | 2,34158 | 1,5582 | 0,51707 | 0,98522 | 0,28374 | 0,225784 | 0,003481 | 1,85E-06 | 1,90E-31 | 3,75E-78 | 1,43E-146 | 1,05E-236 | 6,8008 |
| 10 | 1,08209 | 2,75345 | 2,72988 | 1,16243 | 0,73768 | 1,01318 | 0,525 | 0,10737 | 0,19296 | 2,57E-04 | 0,072794 | 4,09E-13 | 4,42E-46 | 9,24E-101 | 3,72E-177 | 2,89E-275 | 6,16225 |
| 11 | 1,09184 | 2,99546 | 3,55457 | 1,05984 | 1,14227 | 1,62775 | 1,17476 | 0,17648 | 0,38815 | 2,28E-04 | 0,073363 | 1,25E-12 | 4,13E-45 | 2,63E-99 | 3,22E-175 | 7,61E-273 | 6,81092 |
| 12 | 1,95396 | 1,88613 | 6,16793 | 1,19391 | 4,51222 | 1,53606 | 1,18956 | 3,80249 | 0,58419 | 4,03467 | 0,214289 | 1,3627 | 0,058646 | 0,379613 | 0,016712 | 0,108608 | 7,99573 |
| 13 | 1,95885 | 2,21038 | 6,17971 | 1,01082 | 4,62336 | 1,56776 | 1,27331 | 4,1869 | 0,34512 | 4,004761 | 0,519385 | 1,90616 | 0,103817 | 0,468089 | 0,051673 | 0,100567 | 6,84575 |
| 14 | 2,04177 | 2,77892 | 6,78901 | 0,97402 | 4,71457 | 1,85073 | 1,75575 | 4,80949 | 0,45219 | 4,848613 | 0,744277 | 2,06838 | 1,219078 | 0,089438 | 1,284484 | 0,265995 | 8,35521 |
| 15 | 1,97746 | 5,25865 | 4,78693 | 0,63154 | 2,2263 | 1,48616 | 5,90866 | 3,01069 | 1,90213 | 3,771839 | 1,418418 | 3,21316 | 1,691542 | 0,78568 | 1,121011 | 0,770129 | 7,74742 |
| 16 | 1,21904 | 2,76496 | 4,76224 | 0,65123 | 5,18786 | 1,69664 | 2,60972 | 4,87372 | 1,29479 | 4,29135 | 2,069301 | 2,36457 | 2,231054 | 0,617802 | 1,331477 | 1,371125 | 8,74288 |
| 17 | 1,1795 | 1,56628 | 6,12451 | 1,5028 | 4,29069 | 1,90825 | 3,21823 | 2,65845 | 1,41756 | 1,849359 | 0,500085 | 0,81641 | 0,221171 | 0,076459 | 0,07189 | 4,21E-12 | 6,5404 |
| 18 | 1,18843 | 1,02489 | 6,24303 | 1,18508 | 4,44051 | 1,85256 | 2,97684 | 2,01571 | 1,07918 | 0,909451 | 0,670576 | 0,44962 | 0,091472 | 0,003533 | 0,065634 | 3,22E-14 | 7,92817 |
| 19 | 0,77284 | 2,08752 | 3,68702 | 0,67437 | 4,87568 | 1,18579 | 1,45761 | 1,96303 | 0,57525 | 2,446851 | 0,395254 | 1,42082 | 0,002263 | 0,633769 | 0,001502 | 0,044363 | 8,02741 |
| 20 | 2,75745 | 2,50976 | 4,17315 | 1,55666 | 2,63947 | 1,31208 | 0,51982 | 0,9004 | 0,51858 | 0,268483 | 0,00818 | 4,03E-05 | 4,42E-28 | 1,10E-72 | 5,29E-139 | 4,90E-227 | 7,31553 |
| 21 | 2,22251 | 5,745 | 6,6137 | 2,30067 | 6,19105 | 2,62654 | 4,21263 | 5,40247 | 3,86354 | 4,089444 | 2,73795 | 4,23898 | 2,215909 | 1,55412 | 2,344428 | 1,753257 | 8,54018 |
| 22 | 1,65502 | 4,53813 | 4,76663 | 0,92087 | 2,07176 | 1,37023 | 4,96702 | 2,60944 | 1,84827 | 2,507978 | 1,357237 | 2,3184 | 0,603499 | 0,523766 | 0,46785 | 0,437174 | 7,46403 |
| 23 | 0,94523 | 2,02813 | 4,34441 | 0,88128 | 4,70049 | 1,54072 | 1,22424 | 4,3711 | 2,36404 | 3,282672 | 1,629233 | 1,30636 | 1,001291 | 0,877621 | 0,515891 | 0,670409 | 8,45487 |
| 24 | 2,52221 | 2,40823 | 3,99732 | 1,52603 | 3,35327 | 1,67324 | 1,70519 | 2,54225 | 1,76092 | 0,423788 | 0,212564 | 0,15524 | 0,065504 | 2,65E-11 | 2,07E-42 | 3,12E-95 | 7,22942 |
| 25 | 2,16593 | 1,80626 | 4,76203 | 1,66658 | 3,13664 | 1,23618 | 1,38518 | 1,83348 | 1,20598 | 0,494257 | 0,241779 | 0,02339 | 1,75E-08 | 2,66E-36 | 7,83E-86 | 4,44E-157 | 6,6909 |

| EG1 | HO | HP | HQ | HR | HS | HT | HU | HV | HW | HX | HY | HZ | IA | IB | IC | ID | IE | IF |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| 1 | RDF15e | RDF20e | RDF25e | RDF30e | RDF35e | RDF40e | RDF45e | RDF50e | RDF55e | RDF60e | RDF65e | RDF70e | RDF75e | RDF80e | RDF85e | RDF90e | RDF95e | RDF100e |
| 2 | 4,63791 | 3,41623 | 15,3487 | 1,73197 | 5,20587 | 6,35985 | 8,03178 | 7,44807 | 0,74057 | 1,31491 | 5,42802 | 3,28265 | 2,34772 | 1,32602 | 3,73855 | 2,62019 | 0,09397 | 1,004 |
| 3 | 7,43125 | 4,46954 | 25,3682 | 4,03274 | 5,72686 | 9,68228 | 10,2548 | 14,2249 | 0,74527 | 1,17637 | 9,38144 | 4,22327 | 11,839 | 1,37487 | 7,07227 | 10,1446 | 2,34243 | 7,213 |
| 4 | 8,78872 | 4,3998 | 24,3264 | 2,77762 | 15,0207 | 15,7127 | 16,836 | 15,4302 | 5,54793 | 5,60403 | 10,8497 | 5,41687 | 6,00701 | 5,83415 | 6,40088 | 9,74645 | 6,25898 | 2,239 |
| 5 | 10,4277 | 5,36828 | 26,2738 | 8,85289 | 14,9999 | 14,6301 | 10,1042 | 16,7651 | 6,21616 | 7,41559 | 9,64445 | 7,00336 | 7,93086 | 5,06035 | 8,87705 | 6,32067 | 6,98372 | 5,404 |
| 6 | 4,96192 | 5,56693 | 14,2375 | 1,65131 | 4,86501 | 6,93534 | 9,25649 | 8,63485 | 0,61939 | 1,7931 | 6,88695 | 2,39349 | 4,21022 | 1,90711 | 4,62406 | 6,20087 | 1,90739 | 7,63E-06 |
| 7 | 5,35724 | 7,9513 | 15,9835 | 3,51662 | 4,40769 | 8,92719 | 10,9814 | 10,2547 | 0,78643 | 3,36297 | 8,41953 | 3,89597 | 5,16366 | 2,71222 | 5,8419 | 7,45521 | 2,25254 | 2,450 |
| 8 | 9,95043 | 6,94389 | 24,7523 | 6,3954 | 11,3029 | 12,0749 | 11,795 | 18,1209 | 2,46447 | 3,67028 | 9,18832 | 5,03427 | 7,80224 | 3,57225 | 3,93952 | 9,03259 | 6,10435 | 3,651 |
| 9 | 10,1517 | 7,53766 | 26,3478 | 6,42488 | 11,2945 | 12,8795 | 13,4038 | 19,1247 | 2,77091 | 3,60465 | 9,79744 | 4,55257 | 8,4602 | 3,60232 | 8,89784 | 11,3026 | 4,90964 | 3,893 |
| 10 | 9,35695 | 4,68332 | 21,0186 | 8,07848 | 6,8674 | 11,0699 | 11,6367 | 13,8736 | 2,0095 | 4,37263 | 8,26317 | 5,18516 | 7,29359 | 2,04182 | 7,93422 | 6,80552 | 4,58587 | 1,807 |
| 11 | 9,55776 | 5,27985 | 22,6108 | 8,10856 | 6,86104 | 11,8928 | 13,2394 | 14,8993 | 2,32662 | 4,3568 | 9,68689 | 4,85789 | 8,15438 | 2,04149 | 8,56401 | 9,43772 | 4,24203 | 4,575 |
| 12 | 8,88269 | 6,08641 | 24,0861 | 3,90874 | 8,76068 | 11,7317 | 11,5918 | 22,9478 | 1,67155 | 3,92499 | 14,6138 | 5,18142 | 12,8179 | 3,83295 | 7,35104 | 11,1108 | 4,84732 | 5,968 |
| 13 | 9,08445 | 6,68119 | 25,672 | 3,93363 | 8,75459 | 12,5517 | 13,1857 | 24,0079 | 1,99015 | 3,93503 | 15,478 | 4,86681 | 13,8392 | 3,84434 | 7,95488 | 11,3851 | 4,09021 | 6,680 |
| 14 | 9,50995 | 9,12783 | 28,339 | 7,13838 | 7,90051 | 13,8247 | 14,5677 | 24,7451 | 2,77894 | 4,39461 | 17,4559 | 6,06643 | 13,4034 | 4,19463 | 10,0441 | 14,2254 | 3,45187 | 7,209 |
| 15 | 9,8006 | 8,97286 | 30,6379 | 8,67965 | 10,1917 | 11,6218 | 15,2339 | 15,8889 | 3,15856 | 3,98368 | 16,0229 | 6,48782 | 8,07086 | 3,94182 | 12,7995 | 13,0783 | 2,56767 | 4,735 |
| 16 | 10,3953 | 8,3712 | 33,5105 | 9,05227 | 10,1384 | 12,6252 | 15,4645 | 21,4259 | 3,22604 | 2,65391 | 14,4236 | 5,92075 | 13,2914 | 3,8221 | 8,17106 | 11,8987 | 3,26124 | 9,255 |
| 17 | 9,39652 | 6,30824 | 20,6379 | 8,67965 | 10,1917 | 11,6218 | 15,2339 | 15,8889 | 3,15856 | 3,98368 | 16,0229 | 6,48782 | 8,07086 | 3,94182 | 12,7995 | 13,0783 | 2,56767 | 4,735 |
| 18 | 9,14611 | 5,79057 | 24,9158 | 4,51283 | 10,2867 | 11,4786 | 13,1607 | 19,0651 | 1,61883 | 6,40612 | 10,1188 | 6,7142 | 7,49128 | 3,47102 | 4,37172 | 11,1066 | 6,05058 | 6,932 |
| 19 | 8,57642 | 5,21741 | 30,6033 | 6,9299 | 6,17325 | 10,2455 | 11,6805 | 18,2966 | 0,71389 | 2,67503 | 11,8347 | 3,63099 | 15,4907 | 1,38952 | 6,46569 | 9,59818 | 3,45845 | 11,399 |
| 20 | 10,918 | 5,645 | 29,6411 | 10,3271 | 14,3804 | 13,5867 | 13,1736 | 18,9006 | 2,65907 | 5,35831 | 10,8261 | 6,91018 | 7,17454 | 5,99537 | 10,3152 | 10,6468 | 7,11829 | 5,633 |
| 21 | 12,4628 | 5,25745 | 36,9396 | 15,9315 | 15,0954 | 14,8804 | 20,0309 | 27,0912 | 3,96243 | 7,80505 | 19,2364 | 10,5343 | 20,8196 | 5,28221 | 13,5402 | 13,1705 | 8,55473 | 11,72 |
| 22 | 9,11828 | 6,03253 | 26,5038 | 4,46597 | 9,37688 | 11,6143 | 12,0912 | 15,0744 | 1,44269 | 3,43019 | 12,3719 | 6,82608 | 7,75452 | 2,27517 | 10,2328 | 11,7971 | 3,852 | 4,277 |
| 23 | 9,71134 | 5,42598 | 29,3595 | 8,2056 | 9,32243 | 12,6103 | 12,3066 | 20,6275 | 1,52191 | 2,12306 | 10,8232 | 6,29411 | 12,9624 | 2,3012 | 6,97475 | 10,2484 | 4,38718 | 7,611 |
| 24 | 10,9785 | 8,16731 | 27,4348 | 10,1243 | 16,6859 | 17,2426 | 13,3498 | 19,0152 | 9,8257 | 9,04936 | 11,7308 | 7,22529 | 9,35117 | 5,81043 | 8,48952 | 10,1094 | 6,5908 | 8,392 |
| 25 | 10,5674 | 10,7322 | 26,3439 | 5,54024 | 10,8283 | 14,3883 | 13,6953 | 18,3258 | 9,17197 | 7,65347 | 10,937 | 7,60767 | 9,08861 | 4,56015 | 6,40627 | 12,4767 | 6,00053 | 6,140 |

| EG1 | IF | IG | IH | II | IJ | IK | IL | IM | IN | IO | IP | IQ | IR | IS | IT | IU | IV |
|-----|---------|---------|----------|----------|-----------|-----------|-----------|----------|----------|-----------|-----------|-----------|---------|---------|---------|---------|---------|
| 1 | RDF100e | RDF105e | RDF110e | RDF115e | RDF120e | RDF125e | RDF130e | RDF135e | RDF140e | RDF145e | RDF150e | RDF155e | RDF160e | RDF165e | RDF170e | RDF175e | RDF180e |
| 2 | 1,00469 | 0,10318 | 6,02E-19 | 6,77E-58 | 1,47E-118 | 6,16E-201 | 4,97E-305 | 0 | 0 | 0 | 0 | 0 | 1,86163 | 4,49332 | 1,41791 | 9,27129 | 1,09584 |
| 3 | 7,21332 | 1,47704 | 1,37244 | 3,83964 | 1,43478 | 0,001952 | 3,40719 | 1,6944 | 9,52E-04 | 5,78E-26 | 6,76E-70 | 1,53E-135 | 2,42575 | 6,87141 | 1,68985 | 13,1422 | 1,51162 |
| 4 | 2,23966 | 2,00859 | 1,94266 | 0,66256 | 2,27145 | 1,083987 | 0,51926 | 4,64E-15 | 8,01E-51 | 2,66E-108 | 1,71E-187 | 2,12E-288 | 2,59938 | 7,64072 | 1,61797 | 13,6927 | 3, |

Perhitungan Deskriptor - Excel

| | IW | IX | IY | IZ | JA | JB | JC | JD | JE | JF | JG | JH | JI | JJ | JK | JL | JM | JN |
|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|---------|----------|----------|----------|
| 1 | RDF35p | RDF40p | RDF45p | RDF50p | RDF55p | RDF60p | RDF65p | RDF70p | RDF75p | RDF80p | RDF85p | RDF90p | RDF95p | RDF100p | RDF105p | RDF110p | RDF115p | RDF120p |
| 2 | 2,07224 | 2,61214 | 3,15726 | 3,69388 | 0,19572 | 0,831 | 1,98046 | 1,1356 | 1,02128 | 0,47849 | 0,86296 | 0,47993 | 0,02251 | 0,15338 | 0,01846 | 1,08E-19 | 1,21E-58 | 2,63E-62 |
| 3 | 2,29898 | 3,96305 | 3,37448 | 7,56042 | 0,19775 | 0,83426 | 3,58539 | 1,51919 | 5,63529 | 0,53092 | 2,21636 | 4,25011 | 0,96612 | 3,58563 | 1,11439 | 0,36484 | 1,53475 | 0,6021 |
| 4 | 5,25969 | 5,73667 | 6,41639 | 6,86577 | 1,97476 | 2,40122 | 4,75385 | 2,18691 | 3,34947 | 2,51188 | 2,07137 | 3,0988 | 1,46529 | 1,10729 | 0,61023 | 0,53588 | 0,20443 | 0,58 |
| 5 | 5,87563 | 5,33334 | 4,3635 | 7,64373 | 3,54563 | 3,02292 | 5,44632 | 2,93999 | 3,83221 | 2,39885 | 3,34165 | 3,03271 | 1,90236 | 2,29733 | 1,03172 | 1,56229 | 1,13494 | 0,356 |
| 6 | 1,92736 | 2,69042 | 3,41433 | 4,02336 | 0,14181 | 0,80202 | 2,38924 | 0,9828 | 1,35637 | 1,0422 | 1,50054 | 1,87271 | 0,76087 | 2,24E-04 | 0,11192 | 0,42212 | 0,03118 | 1,74E |
| 7 | 1,87667 | 3,5349 | 3,66879 | 4,78842 | 0,24602 | 1,11811 | 3,07327 | 1,47908 | 1,89577 | 1,1872 | 1,85118 | 3,26285 | 0,87685 | 0,85514 | 0,17057 | 0,21131 | 0,82021 | 0,415 |
| 8 | 3,79153 | 4,11231 | 4,58522 | 8,23052 | 0,81622 | 1,70461 | 3,79742 | 1,81194 | 3,71821 | 2,14674 | 2,52651 | 2,69514 | 2,23962 | 1,87019 | 1,07829 | 0,51547 | 0,6289 | 0,124 |
| 9 | 3,62804 | 4,45886 | 5,00133 | 8,70896 | 0,86539 | 1,66908 | 3,92392 | 1,63715 | 3,91919 | 2,14932 | 2,56257 | 3,27454 | 1,82314 | 1,94127 | 1,35723 | 0,56899 | 0,91081 | 0,337 |
| 10 | 2,68145 | 3,62201 | 4,71889 | 6,24298 | 0,64296 | 2,65957 | 2,83523 | 1,9852 | 3,89312 | 0,88905 | 3,11635 | 2,53053 | 1,75265 | 0,93781 | 0,7937 | 0,72189 | 0,23172 | 0,312 |
| 11 | 2,51909 | 3,96631 | 5,13449 | 6,76262 | 0,69609 | 2,63911 | 2,96498 | 1,8513 | 4,1109 | 0,89823 | 3,22315 | 3,19826 | 1,60303 | 1,4332 | 1,10185 | 1,46351 | 0,38133 | 0,60 |
| 12 | 3,54687 | 5,01284 | 4,42634 | 10,367 | 0,50054 | 1,4874 | 6,33394 | 2,10798 | 6,81815 | 1,93022 | 3,2423 | 6,37892 | 1,81182 | 4,78013 | 1,62892 | 1,70531 | 3,98805 | 0,915 |
| 13 | 3,38452 | 5,35474 | 4,83931 | 10,8626 | 0,55423 | 1,47133 | 6,47655 | 1,98346 | 7,05891 | 1,93704 | 2,44355 | 6,43351 | 1,53354 | 4,89116 | 1,65434 | 1,6377 | 4,48239 | 0,550 |
| 14 | 3,30048 | 5,80959 | 5,35505 | 11,2547 | 0,89688 | 1,67433 | 7,29363 | 2,43882 | 7,25984 | 2,06502 | 3,1322 | 7,34366 | 1,43653 | 5,06767 | 2,05685 | 2,05147 | 5,45264 | 0,81 |
| 15 | 3,74162 | 4,46721 | 6,05311 | 7,87421 | 1,13452 | 2,29764 | 4,94782 | 1,59757 | 4,25815 | 1,92532 | 5,59848 | 5,66299 | 0,91105 | 2,60326 | 1,7633 | 6,53687 | 3,78692 | 2,44 |
| 16 | 3,7062 | 5,28125 | 6,27416 | 11,2414 | 1,22605 | 1,38322 | 5,08533 | 1,61544 | 7,50331 | 1,23386 | 2,8797 | 5,42288 | 1,03639 | 5,90167 | 1,78767 | 2,73527 | 5,61326 | 2,6 |
| 17 | 3,90973 | 4,84781 | 7,01578 | 9,45125 | 1,99323 | 2,63231 | 4,31082 | 2,77528 | 5,94141 | 1,14603 | 1,43301 | 6,44814 | 2,23339 | 4,51584 | 2,10079 | 3,43428 | 2,6177 | 1,813 |
| 18 | 3,99381 | 4,82235 | 6,58615 | 9,41757 | 1,99049 | 2,56462 | 4,193 | 2,52513 | 5,80162 | 1,15858 | 1,11887 | 6,56213 | 1,8522 | 4,84318 | 1,97881 | 3,52556 | 2,23718 | 1,42 |
| 19 | 2,21589 | 4,32471 | 3,82629 | 9,09194 | 0,18677 | 1,09468 | 4,42761 | 1,21422 | 7,35244 | 0,54046 | 2,03599 | 4,17222 | 1,04284 | 5,98751 | 1,19352 | 1,38118 | 2,19717 | 1,013 |
| 20 | 4,9809 | 4,79615 | 5,01579 | 8,39775 | 0,88035 | 2,00713 | 5,08904 | 2,54457 | 3,46735 | 2,89958 | 2,91215 | 4,29447 | 2,35659 | 3,16724 | 1,17279 | 0,53757 | 0,85644 | 0,81 |
| 21 | 5,94872 | 6,22106 | 8,55377 | 13,1518 | 1,40016 | 4,45475 | 8,28809 | 3,19232 | 9,90248 | 2,30692 | 5,93048 | 7,08849 | 2,96699 | 6,75957 | 2,87946 | 4,64867 | 5,92911 | 4,991 |
| 22 | 3,69066 | 4,51979 | 4,26363 | 7,10144 | 0,43303 | 2,08737 | 3,84749 | 1,73646 | 3,88415 | 1,42124 | 5,10637 | 4,85203 | 1,35886 | 2,47149 | 1,67241 | 5,64527 | 3,04233 | 2,438 |
| 23 | 3,65548 | 5,3296 | 4,47115 | 10,4757 | 0,52847 | 1,18085 | 4,00773 | 7,16132 | 7,08524 | 0,78927 | 2,40089 | 4,67773 | 1,40035 | 5,25573 | 1,56436 | 1,64286 | 4,66642 | 2,828 |
| 24 | 6,54379 | 5,89504 | 5,78791 | 9,16731 | 4,7888 | 3,56902 | 5,86563 | 3,45016 | 4,27251 | 2,75119 | 3,02812 | 4,14408 | 1,86764 | 3,77321 | 2,03486 | 2,16444 | 2,79465 | 2,113 |
| 25 | 4,1345 | 4,79924 | 5,85782 | 9,18096 | 4,47815 | 3,1118 | 4,54957 | 3,25235 | 4,20875 | 2,25317 | 2,08234 | 4,7689 | 1,99342 | 3,09491 | 1,34718 | 1,6555 | 2,12319 | 1,362 |

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| | JN | JO | JP | JQ | JR | JS | JT | JU | JV | JW | JX | JY | JZ | KA | KB | KC | KD |
|----|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | RDF120p | RDF125p | RDF130p | RDF135p | RDF140p | RDF145p | RDF150p | RDF155p | RDF160p | RDF165p | RDF170p | RDF175p | RDF180p | RDF185p | RDF190p | RDF195p | RDF200p |
| 2 | 2,63E-119 | 1,10E-201 | 8,89E-306 | 0 | 0 | 0 | 0 | 0 | 7,81213 | 4,64085 | 4,40482 | 17,7907 | 2,12652 | 6,7384 | 8,26394 | 10,2622 | 9,23607 |
| 3 | 0,602629 | 6,12E-04 | 0,63549 | 0,27416 | 1,70E-04 | 1,03E-26 | 1,21E-70 | 2,73E-136 | 8,81733 | 7,53917 | 5,90611 | 32,8201 | 5,88914 | 7,39645 | 12,5625 | 14,0135 | 17,5765 |
| 4 | 0,58027 | 0,165483 | 0,09291 | 8,31E-16 | 1,43E-51 | 4,77E-109 | 3,06E-188 | 3,79E-289 | 8,65486 | 9,04626 | 5,86504 | 30,1316 | 9,56082 | 20,6588 | 20,7129 | 22,0945 | 20,1669 |
| 5 | 0,356274 | 0,247919 | 0,08562 | 4,48E-16 | 4,52E-52 | 8,80E-110 | 3,30E-189 | 2,39E-290 | 8,65703 | 10,6829 | 7,34054 | 32,1567 | 12,1529 | 19,6338 | 19,8393 | 13,2575 | 21,5623 |
| 6 | 1,74E-07 | 1,95E-34 | 4,23E-83 | 1,77E-153 | 1,42E-245 | 0 | 0 | 0 | 6,04156 | 4,90625 | 6,81331 | 15,9944 | 2,02249 | 6,28398 | 8,70166 | 12,2491 | 10,5674 |
| 7 | 0,415314 | 0,110088 | 0,07633 | 1,99E-16 | 9,99E-53 | 9,68E-111 | 1,81E-190 | 6,52E-292 | 5,80921 | 5,26924 | 9,52737 | 18,1691 | 4,24337 | 5,54831 | 11,2614 | 15,3445 | 12,5585 |
| 8 | 0,124777 | 0,312757 | 0,01202 | 1,60E-06 | 4,13E-32 | 2,05E-79 | 1,97E-148 | 3,64E-239 | 7,73231 | 10,086 | 8,96766 | 29,082 | 8,62978 | 15,214 | 16,2154 | 15,6364 | 22,6582 |
| 9 | 0,337021 | 0,304271 | 0,00756 | 4,02E-06 | 4,12E-31 | 1,84E-78 | 3,10E-146 | 2,28E-236 | 8,43399 | 10,274 | 9,65779 | 30,2412 | 8,65618 | 15,3603 | 17,1876 | 17,5884 | 23,5083 |
| 10 | 0,312834 | 2,55E-04 | 0,15812 | 8,88E-13 | 9,61E-46 | 2,01E-100 | 8,08E-177 | 6,28E-275 | 7,4855 | 9,56233 | 6,26529 | 25,759 | 10,4342 | 8,83733 | 14,536 | 14,0585 | 17,5485 |
| 11 | 0,60992 | 2,25E-04 | 0,15935 | 2,72E-12 | 8,97E-45 | 5,70E-99 | 6,99E-175 | 1,65E-272 | 8,4468 | 9,74987 | 7,0298 | 26,9142 | 10,4618 | 8,98563 | 15,5393 | 16,0015 | 18,4259 |
| 12 | 0,915052 | 4,128033 | 0,24712 | 2,05922 | 0,04118 | 0,604901 | 0,01655 | 0,235911 | 10,2391 | 8,99568 | 8,17908 | 28,3459 | 4,86571 | 11,3303 | 15,0919 | 17,3406 | 28,6695 |
| 13 | 0,550628 | 4,020573 | 0,60182 | 2,34205 | 0,11042 | 0,662109 | 0,09341 | 0,218444 | 10,9389 | 9,18431 | 8,94115 | 29,4913 | 4,88657 | 11,479 | 16,0926 | 17,2703 | 29,5926 |
| 14 | 0,81135 | 4,92393 | 0,93282 | 2,24643 | 1,67681 | 0,09597 | 1,51782 | 0,392028 | 10,6989 | 9,57731 | 11,7348 | 32,1978 | 8,51479 | 10,0419 | 17,7039 | 19,6737 | 30,9885 |
| 15 | 2,44112 | 4,223626 | 1,60537 | 3,57522 | 1,86299 | 0,994706 | 1,33343 | 0,781789 | 9,78518 | 9,69872 | 10,951 | 35,2421 | 9,6892 | 13,6903 | 14,4293 | 19,7774 | 30,4492 |
| 16 | 2,6036 | 4,54511 | 2,68478 | 2,66923 | 2,52842 | 0,909312 | 1,41544 | 1,537492 | 11,1977 | 10,4582 | 10,5603 | 39,7096 | 10,2753 | 13,6474 | 16,2253 | 20,0912 | 26,7727 |
| 17 | 1,813218 | 1,714392 | 0,6543 | 1,04944 | 0,34463 | 0,162092 | 0,15615 | 9,14E-12 | 10,8036 | 9,49274 | 8,47765 | 28,6699 | 5,37471 | 14,4667 | 17,5884 | 17,5342 | 23,1088 |
| 18 | 1,42142 | 0,925045 | 0,94946 | 0,60753 | 0,1349 | 0,003665 | 0,14257 | 7,00E-14 | 10,1536 | 9,25667 | 7,75893 | 28,7499 | 5,04471 | 13,5759 | 14,9847 | 15,9366 | 23,8726 |
| 19 | 1,013481 | 0,296082 | 0,3946 | 1,44814 | 0,00175 | 1,056134 | 0,00149 | 0,096363 | 10,147 | 8,67004 | 6,9277 | 39,2722 | 8,28327 | 8,30053 | 13,1888 | 15,9083 | 22,9742 |
| 20 | 0,81764 | 0,372235 | 0,01777 | 8,76E-05 | 9,61E-28 | 2,39E-72 | 1,15E-138 | 1,07E-226 | 9,09747 | 11,1566 | 7,54827 | 35,5143 | 13,5866 | 19,2893 | 18,2513 | 17,3201 | 23,7165 |
| 21 | 4,491034 | 4,330421 | 3,68757 | 4,72049 | 2,14753 | 2,041179 | 2,47341 | 1,527287 | 11,055 | 12,5155 | 7,07674 | 42,9563 | 16,9511 | 17,7294 | 18,1905 | 26,0305 | 32,3053 |
| 22 | 2,438201 | 2,773057 | 1,58333 | 2,54767 | 0,74456 | 0,722712 | 0,43995 | 0,322096 | 9,41416 | 9,06149 | 7,51582 | 31,8846 | 5,68989 | 12,2838 | 14,469 | 15,5234 | 18,6355 |
| 23 | 2,828872 | 6,137133 | 1,9712 | 1,69081 | 1,19635 | 1,292082 | 0,55006 | 0,573766 | 10,8207 | 9,81923 | 7,11748 | 36,3271 | 6,25608 | 12,2387 | 16,2562 | 15,8091 | 23,9046 |
| 24 | 2,113587 | 0,607893 | 0,38513 | 0,33721 | 0,14228 | 5,76E-11 | 4,50E-42 | 6,78E-95 | 9,11599 | 11,1904 | 10,6011 | 32,4145 | 13,6799 | 21,9394 | 22,9481 | 15,9102 | 23,9046 |
| 25 | 1,362268 | 0,659331 | 0,32884 | 0,05081 | 3,80E-08 | 5,79E-36 | 1,70E-85 | 9,64E-157 | 8,42694 | 10,6216 | 13,5355 | 30,3007 | 7,06033 | 13,8394 | 18,9136 | 16,4595 | 22,574 |

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| | KE | KF | KG | KH | KI | KJ | KK | KL | KM | KN | KO | KP | KQ | KR | KS | KT | KU |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|-----------|-----------|-----------|----------|
| 1 | RDF55i | RDF60i | RDF65i | RDF70i | RDF75i | RDF80i | RDF85i | RDF90i | RDF95i | RDF100i | RDF105i | RDF110i | RDF115i | RDF120i | RDF125i | RDF130i | RDF135i |
| 2 | 1,07599 | 1,55894 | 5,8215 | 4,46044 | 2,8822 | 1,20654 | 4,3261 | 2,98974 | 0,13342 | 1,16824 | 0,16889 | 8,95E-19 | 1,11E-57 | 2,41E-118 | 1,01E-200 | 8,14E-305 | 0 |
| 3 | 1,08161 | 1,33558 | 10,9833 | 5,66742 | 15,2208 | 1,25456 | 8,81316 | 12,9009 | 3,02081 | 9,3808 | 1,49394 | 2,0709 | 5,49383 | 1,841915 | 0,002177 | 4,29497 | 2,249816 |
| 4 | 7,69693 | 7,50175 | 12,674 | 6,82291 | 7,39746 | 7,30937 | 7,88144 | 12,0763 | 7,37369 | 2,49357 | 2,22203 | 2,9047 | 0,64993 | 3,463401 | 1,260451 | 0,849946 | |

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| | KV | KW | KX | KY | KZ | LA | LB | LC | LD | LE | LF | LG | LH | LI | LJ | LK | LL |
|----|-----------|-----------|-----------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | RDF140i | RDF145i | RDF150i | RDF155i | RDF10s | RDF15s | RDF20s | RDF25s | RDF30s | RDF35s | RDF40s | RDF45s | RDF50s | RDF55s | RDF60s | RDF65s | RDF70s |
| 2 | 0 | 0 | 0 | 0 | 5,27412 | 4,73158 | 1,83049 | 17,0882 | 1,58727 | 3,31222 | 4,35873 | 6,79087 | 7,00636 | 0,64783 | 1,00127 | 9,93211 | 2,08345 |
| 3 | 0,001558 | 9,46E-26 | 1,11E-69 | 2,50E-135 | 5,13385 | 7,2967 | 2,55803 | 20,7148 | 2,43097 | 3,68155 | 6,09626 | 8,10495 | 11,3664 | 0,60696 | 0,99346 | 12,8017 | 2,72897 |
| 4 | 1,31E-50 | 4,36E-108 | 2,80E-187 | 3,46E-288 | 4,99429 | 8,22368 | 2,42398 | 21,0509 | 4,47406 | 9,03865 | 11,0136 | 13,2453 | 11,7482 | 3,36046 | 3,26454 | 13,4393 | 4,29519 |
| 5 | 4,13E-51 | 8,05E-109 | 3,02E-188 | 2,19E-289 | 5,27363 | 9,91636 | 3,00186 | 23,509 | 5,25655 | 9,87119 | 9,53767 | 13,499 | 15,0992 | 5,54476 | 4,94281 | 13,8148 | 6,20726 |
| 6 | 1,30E-244 | 0 | 0 | 0 | 3,68392 | 5,09949 | 3,70689 | 14,8851 | 1,46491 | 3,07314 | 4,47421 | 7,06726 | 7,30865 | 0,48143 | 1,03897 | 10,3466 | 1,68543 |
| 7 | 9,14E-52 | 8,85E-110 | 1,65E-189 | 5,96E-291 | 2,65992 | 5,47458 | 5,69043 | 15,1429 | 2,836 | 2,62316 | 5,50596 | 5,98654 | 8,3015 | 0,46213 | 1,56115 | 9,75417 | 2,31162 |
| 8 | 3,78E-31 | 1,88E-78 | 1,80E-147 | 3,33E-238 | 4,78394 | 10,0134 | 4,7806 | 20,0463 | 4,28324 | 7,96883 | 8,90542 | 9,70443 | 16,094 | 1,883 | 2,43345 | 13,536 | 4,11021 |
| 9 | 3,77E-30 | 7,44E-77 | 2,84E-145 | 2,09E-235 | 6,36735 | 10,5773 | 5,24039 | 28,7192 | 4,53045 | 8,34799 | 9,9984 | 11,9345 | 18,3787 | 2,01478 | 3,02546 | 14,5066 | 3,79794 |
| 10 | 8,79E-45 | 1,84E-99 | 7,39E-176 | 5,74E-274 | 4,7895 | 8,86975 | 2,71855 | 19,8405 | 6,4765 | 5,61249 | 9,70025 | 13,6648 | 12,6557 | 2,60453 | 3,25997 | 12,6557 | 3,65344 |
| 11 | 8,21E-44 | 5,22E-98 | 6,40E-174 | 1,51E-271 | 6,37091 | 9,39895 | 3,11933 | 24,3884 | 6,78914 | 5,92437 | 10,6245 | 16,0072 | 14,8718 | 2,76283 | 3,92268 | 13,5158 | 3,46663 |
| 12 | 0,12077 | 2,811427 | 0,126042 | 2,158128 | 5,59548 | 8,65578 | 3,2479 | 22,1072 | 3,46491 | 5,27835 | 7,1012 | 8,67208 | 20,0219 | 0,94326 | 2,16127 | 21,7072 | 5,29259 |
| 13 | 0,316099 | 3,453489 | 0,830413 | 1,998344 | 6,98156 | 9,08833 | 3,59999 | 26,0633 | 3,64361 | 5,52352 | 7,8168 | 10,5595 | 22,1058 | 1,03718 | 2,73072 | 22,7756 | 5,1994 |
| 14 | 6,238769 | 0,694089 | 4,000384 | 1,18572 | 5,8903 | 9,45072 | 5,69963 | 27,9721 | 6,83207 | 4,9674 | 8,53157 | 10,2061 | 21,2972 | 1,50125 | 2,93543 | 23,289 | 5,7917 |
| 15 | 4,009087 | 3,417185 | 4,166344 | 3,420523 | 5,46016 | 9,76345 | 6,35991 | 29,5448 | 13,4816 | 6,08284 | 7,66989 | 12,657 | 12,2833 | 1,9051 | 3,51839 | 18,0789 | 5,67074 |
| 16 | 5,016276 | 2,946688 | 5,457057 | 5,500832 | 6,11976 | 10,2252 | 5,25831 | 30,511 | 13,6852 | 6,01639 | 7,89765 | 12,7239 | 15,7434 | 1,93429 | 2,26419 | 18,1917 | 4,44762 |
| 17 | 1,398106 | 1,477714 | 1,428516 | 8,37E-11 | 6,89026 | 9,4032 | 3,18521 | 27,4462 | 7,78796 | 6,05304 | 7,1132 | 12,6113 | 15,6927 | 3,22065 | 3,1631 | 13,5414 | 4,44087 |
| 18 | 0,410024 | 0,028384 | 1,304207 | 6,40E-13 | 5,57749 | 8,92487 | 2,90972 | 23,4269 | 5,4846 | 5,73066 | 6,82473 | 11,4267 | 15,1222 | 1,39318 | 5,94706 | 12,8564 | 4,12969 |
| 19 | 0,006698 | 2,097277 | 0,011347 | 0,881534 | 7,0139 | 8,66459 | 3,05375 | 27,6778 | 5,43472 | 4,10742 | 6,90701 | 9,56929 | 15,1133 | 0,56138 | 2,79876 | 15,8019 | 3,841 |
| 20 | 8,79E-27 | 2,18E-71 | 1,05E-137 | 9,74E-226 | 6,7256 | 10,6948 | 3,35181 | 30,7033 | 9,06247 | 10,0955 | 9,83509 | 11,6163 | 18,6417 | 1,99074 | 6,16969 | 15,3888 | 5,0903 |
| 21 | 5,662803 | 5,766939 | 3,699735 | 4,411395 | 5,26944 | 12,2158 | 3,075 | 34,321 | 23,921 | 26,5339 | 15,2356 | 15,2568 | 28,4978 | 2,15314 | 7,57219 | 24,8916 | 6,78328 |
| 22 | 2,014297 | 2,589534 | 1,248893 | 0,99676 | 5,27903 | 8,9343 | 3,88442 | 23,6309 | 3,19051 | 5,67319 | 7,4948 | 11,0909 | 11,6225 | 0,94796 | 2,47097 | 16,2772 | 5,28265 |
| 23 | 2,801646 | 3,995965 | 1,593843 | 2,182769 | 5,92885 | 9,38911 | 3,06089 | 24,5776 | 3,3719 | 5,60646 | 7,71383 | 11,1661 | 15,0445 | 0,98001 | 1,35128 | 16,4704 | 4,76337 |
| 24 | 1,301615 | 5,27E-10 | 4,12E-41 | 6,20E-94 | 5,54235 | 10,6825 | 5,59945 | 26,0777 | 6,67526 | 11,0909 | 13,0177 | 15,56 | 17,3736 | 8,58568 | 6,31694 | 14,7146 | 6,40431 |
| 25 | 3,47E-07 | 5,29E-35 | 1,56E-84 | 8,81E-156 | 5,15681 | 10,9844 | 8,01096 | 26,3729 | 4,50534 | 8,38471 | 11,657 | 15,3682 | 16,4476 | 7,93452 | 5,006 | 14,3321 | 6,67726 |

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| | LM | LN | LO | LP | LQ | LR | LS | LT | LU | LV | LW | LX | LY | LZ | MA | MB | MC |
|----|---------|---------|---------|---------|---------|---------|---------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1 | RDF75s | RDF80s | RDF85s | RDF90s | RDF95s | RDF100s | RDF105s | RDF110s | RDF115s | RDF120s | RDF125s | RDF130s | RDF135s | RDF140s | RDF145s | RDF150s | RDF155s |
| 2 | 2,26212 | 2,78853 | 12,2101 | 7,50637 | 0,09593 | 1,34513 | 0,03246 | 1,89E-19 | 2,13E-58 | 4,63E-119 | 1,94E-201 | 1,56E-305 | 0 | 0 | 0 | 0 | 0 |
| 3 | 7,72248 | 3,00089 | 14,6088 | 9,96121 | 1,29138 | 4,34867 | 2,01611 | 0,62277 | 2,0621 | 0,896137 | 0,003891 | 3,89142 | 1,7669 | 3,18E-04 | 1,93E-26 | 2,26E-70 | 5,10E-136 |
| 4 | 4,5143 | 5,63023 | 11,2964 | 10,7595 | 3,20351 | 2,84426 | 2,73085 | 0,84953 | 1,53213 | 0,956286 | 1,519278 | 0,17099 | 1,53E-15 | 2,64E-51 | 8,77E-109 | 6,63E-188 | 6,97E-289 |
| 5 | 5,85234 | 5,50429 | 12,6048 | 7,7629 | 3,65756 | 3,58507 | 3,73772 | 2,35278 | 7,38013 | 1,711476 | 1,793217 | 0,17538 | 9,18E-16 | 9,26E-52 | 1,80E-109 | 5,76E-189 | 4,90E-290 |
| 6 | 2,76248 | 3,39542 | 13,0593 | 7,4366 | 1,10184 | 0,00129 | 0,96577 | 0,93995 | 0,05418 | 3,02E-07 | 3,39E-34 | 7,35E-83 | 3,07E-153 | 2,47E-245 | 0 | 0 | 0 |
| 7 | 3,35705 | 2,45725 | 8,96672 | 5,77351 | 2,14178 | 2,36149 | 1,21061 | 1,05829 | 1,11898 | 0,588475 | 0,187226 | 0,13138 | 3,42E-16 | 1,72E-52 | 1,67E-110 | 3,11E-190 | 1,12E-291 |
| 8 | 6,63974 | 4,91339 | 15,0704 | 11,848 | 3,42882 | 4,70187 | 4,94049 | 1,16993 | 3,21288 | 0,726007 | 1,880377 | 0,02408 | 3,22E-06 | 8,29E-32 | 4,12E-79 | 3,95E-148 | 7,29E-239 |
| 9 | 9,62254 | 5,05277 | 18,1169 | 15,0188 | 2,81588 | 4,73493 | 7,37044 | 2,11697 | 4,87435 | 2,151088 | 1,908501 | 0,0156 | 8,29E-06 | 8,49E-31 | 1,68E-77 | 6,40E-146 | 4,71E-236 |
| 10 | 5,32585 | 3,61656 | 16,3709 | 10,8078 | 2,60502 | 1,19839 | 4,05332 | 1,83236 | 0,46188 | 0,45189 | 0,002549 | 0,31686 | 1,78E-12 | 1,93E-45 | 4,02E-100 | 1,62E-176 | 1,26E-274 |
| 11 | 9,9711 | 3,7184 | 15,1926 | 2,3984 | 4,36373 | 6,7954 | 4,86969 | 0,78341 | 1,803177 | 0,00232 | 0,32879 | 5,62E-12 | 1,85E-44 | 1,18E-98 | 1,44E-174 | 3,41E-272 | |
| 12 | 8,64111 | 4,77265 | 14,1015 | 12,088 | 2,43833 | 5,07978 | 3,77979 | 2,17655 | 5,87044 | 1,343679 | 7,512857 | 1,71436 | 2,809983 | 0,275909 | 0,969213 | 1,045662 | 0,416279 |
| 13 | 14,4291 | 4,88362 | 17,4014 | 12,2622 | 2,15624 | 6,07779 | 4,1057 | 3,0009 | 6,71266 | 0,837922 | 7,632047 | 3,70579 | 5,67691 | 0,364152 | 2,081129 | 0,282037 | 0,39412 |
| 14 | 9,84666 | 5,01722 | 17,5466 | 13,9322 | 1,95259 | 5,72442 | 4,97749 | 3,32439 | 7,93557 | 1,326182 | 8,313446 | 3,32864 | 4,194169 | 2,643465 | 0,465038 | 1,212354 | 0,560024 |
| 15 | 6,53211 | 4,62333 | 22,2282 | 10,795 | 1,38038 | 3,4709 | 4,04576 | 10,5931 | 4,6805 | 3,042831 | 7,237703 | 1,89049 | 7,582025 | 2,859627 | 2,042068 | 3,07899 | 3,445503 |
| 16 | 9,67175 | 4,04824 | 18,0906 | 10,4083 | 1,57908 | 6,74042 | 2,92432 | 6,05062 | 6,4267 | 3,192128 | 6,719421 | 3,4976 | 7,278893 | 3,311953 | 1,27606 | 4,324841 | 4,933209 |
| 17 | 7,89885 | 3,76976 | 16,3567 | 12,0256 | 4,88387 | 5,19528 | 4,16005 | 8,18581 | 5,82619 | 3,563825 | 7,618562 | 2,12941 | 3,938391 | 0,512086 | 0,312979 | 0,278615 | 1,63E-11 |
| 18 | 6,53417 | 3,72381 | 11,0845 | 12,4122 | 2,68598 | 5,36233 | 3,15156 | 6,48395 | 2,8362 | 1,783668 | 3,675732 | 2,59517 | 2,216512 | 0,188298 | 0,029772 | 0,24881 | 1,22E-13 |
| 19 | 12,6466 | 3,91126 | 19,4888 | 9,66825 | 1,90477 | 8,18477 | 1,92309 | 6,72307 | 2,6296 | 1,70152 | 4,645773 | 3,79698 | 6,488417 | 0,011991 | 2,825246 | 0,014651 | 0,190336 |
| 20 | 5,77077 | 6,32731 | 20,6655 | 12,9067 | 4,02248 | 3,86085 | 5,97087 | 2,11524 | 4,24487 | 1,823938 | 2,427363 | 0,03741 | 1,84E-04 | 2,02E-27 | 5,03E-72 | 2,42E-138 | 2,24E-226 |
| 21 | 21,2241 | 4,18671 | 19,5415 | 15,5003 | 7,09624 | 10,8838 | 5,31985 | 11,7162 | 9,38854 | 7,594981 | 6,430429 | 4,89881 | 11,94082 | 6,772282 | 3,330897 | 4,634504 | 6,8334 |
| 22 | 5,77057 | 3,81154 | 17,8139 | 11,1582 | 1,94648 | 2,98667 | 3,25524 | 9,82493 | 3,66773 | 2,990803 | 3,874872 | 2,0522 | 5,862126 | 0,950713 | 1,370231 | 1,863508 | 2,173333 |
| 23 | 9,0459 | 3,31198 | 14,5794 | 10,3832 | 2,0273 | 5,61286 | 2,30766 | 2,2376 | 5,15281 | 3,356514 | 4,23368 | 2,60516 | 3,712153 | 1,543708 | 1,875436 | 1,821744 | 3,023555 |
| 24 | 6,66987 | 6,35069 | 13,7928 | 11,3695 | 4,00896 | 5,85388 | 5,11697 | 3,45816 | 10,1835 | 4,270345 | 2,475155 | 0,69865 | 0,695087 | 0,293285 | 1,19E-10 | 9,27E-42 | 1,40E-94 |
| 25 | 6,6868 | 5,53903 | 12,9524 | 14,0339 | 4,62062 | 5,31392 | 4,92599 | 2,88342 | 7,52763 | 2,335611 | 3,061783 | 1,26587 | 0,102672 | 7,67E-08 | 1,17E-35 | 3,44E-85 | 1,95E-156 |

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EG1 RDFS3u

| | MU | MV | MW | MX | MY | MZ | NA | NB | NC | ND | NE | NF | NG | NH | NI | NJ | NK | NL |
|----|---------|---------|---------|----------|---------|---------|---------|---------|---------|---------|---------|----------|---------|---------|---------|---------|---------|-------|
| 1 | P2m | E1m | E2m | E3m | Tm | Am | Vm | Km | Dm | L1v | L2v | L3v | P1v | P2v | E1v | E2v | E3v | Tv |
| 2 | 0.09199 | 0.49891 | 0.12805 | 0.139 | 9.74624 | 7.93436 | 17.6806 | 0.86201 | 0.76596 | 7.96112 | 1.17521 | 1.50E-09 | 0.87137 | 0.12863 | 0.40163 | 0.22904 | 0.2594 | 9.136 |
| 3 | 0.05738 | 0.45837 | 0.18973 | 0.00434 | 16.9979 | 16.0132 | 33.3877 | 0.9118 | 0.65244 | 16.5648 | 1.11941 | 0.07295 | 0.93285 | 0.06304 | 0.49149 | 0.25319 | 0.03966 | 17.75 |
| 4 | 0.09843 | 0.48049 | 0.23178 | 0.03042 | 14.5635 | 20.5804 | 37.6657 | 0.83842 | 0.74269 | 12.935 | 1.62131 | 0.23407 | 0.87455 | 0.10962 | 0.47801 | 0.30653 | 0.09323 | 14.79 |
| 5 | 0.08635 | 0.51561 | 0.25303 | 0.02312 | 16.0656 | 22.1875 | 40.7837 | 0.85877 | 0.79176 | 14.5788 | 1.52812 | 0.22481 | 0.89267 | 0.09357 | 0.51875 | 0.3119 | 0.07426 | 16.33 |
| 6 | 0.07229 | 0.4049 | 0.13733 | 0.00147 | 11.5477 | 9.04264 | 20.6739 | 0.89036 | 0.54369 | 10.5723 | 1.03153 | 0.03013 | 0.90874 | 0.08867 | 0.3925 | 0.21325 | 0.0153 | 11.63 |
| 7 | 0.05968 | 0.34739 | 0.14031 | 0.00286 | 13.2989 | 10.1422 | 23.6131 | 0.90852 | 0.49056 | 12.8696 | 0.96209 | 0.0547 | 0.92678 | 0.06928 | 0.36665 | 0.20762 | 0.0284 | 13.88 |
| 8 | 0.08976 | 0.51578 | 0.24057 | 0.01349 | 15.7014 | 20.9262 | 37.732 | 0.8601 | 0.76983 | 14.0222 | 1.5628 | 0.09879 | 0.89406 | 0.09964 | 0.50047 | 0.30363 | 0.04833 | 15.68 |
| 9 | 0.0877 | 0.57952 | 0.25138 | 0.01276 | 17.0199 | 23.9831 | 42.2055 | 0.86386 | 0.84366 | 14.6994 | 1.64496 | 0.09534 | 0.89414 | 0.10006 | 0.52261 | 0.30673 | 0.04656 | 16.43 |
| 10 | 0.09014 | 0.48141 | 0.24509 | 0.00619 | 14.7327 | 18.4392 | 34.0197 | 0.85993 | 0.73269 | 13.5156 | 1.43644 | 0.11676 | 0.89693 | 0.09533 | 0.4917 | 0.30378 | 0.03705 | 15.06 |
| 11 | 0.08973 | 0.53972 | 0.26256 | 0.00556 | 16.0078 | 21.5767 | 38.5148 | 0.86123 | 0.80784 | 14.1621 | 1.52358 | 0.11267 | 0.89643 | 0.09644 | 0.51189 | 0.30352 | 0.03558 | 15.79 |
| 12 | 0.06727 | 0.51485 | 0.23668 | 0.00108 | 21.9824 | 30.4511 | 52.6301 | 0.89866 | 0.75261 | 20.9318 | 1.60446 | 0.01984 | 0.92799 | 0.07113 | 0.53668 | 0.28674 | 0.01008 | 22.55 |
| 13 | 0.06416 | 0.56155 | 0.23873 | 0.81E-04 | 23.5498 | 33.4336 | 57.1864 | 0.90337 | 0.80127 | 21.8111 | 1.65059 | 0.01922 | 0.92889 | 0.0703 | 0.54995 | 0.28789 | 0.00974 | 23.48 |
| 14 | 0.05974 | 0.47502 | 0.23438 | 0.00192 | 25.146 | 35.7976 | 61.3605 | 0.90968 | 0.71132 | 24.6217 | 1.63472 | 0.03648 | 0.93644 | 0.06217 | 0.51508 | 0.27585 | 0.01857 | 26.29 |
| 15 | 0.04296 | 0.48022 | 0.21638 | 0.00274 | 29.3421 | 35.8703 | 65.8086 | 0.9347 | 0.69934 | 29.4785 | 1.49097 | 0.0525 | 0.95276 | 0.04554 | 0.5294 | 0.26957 | 0.02659 | 30.94 |
| 16 | 0.04175 | 0.49992 | 0.21359 | 0.00283 | 29.8534 | 36.1344 | 66.5899 | 0.93653 | 0.71634 | 29.5805 | 1.40461 | 0.05184 | 0.95307 | 0.04526 | 0.53477 | 0.27065 | 0.0266 | 31.0 |
| 17 | 0.07553 | 0.53484 | 0.19173 | 0.00105 | 21.1035 | 31.2211 | 52.5211 | 0.88625 | 0.72762 | 19.3426 | 1.86225 | 0.01944 | 0.91134 | 0.08774 | 0.52603 | 0.26323 | 0.00997 | 21.22 |
| 18 | 0.0745 | 0.51016 | 0.15445 | 0.00117 | 19.6394 | 26.7173 | 46.5365 | 0.88773 | 0.66578 | 18.4362 | 1.81018 | 0.02013 | 0.90969 | 0.08932 | 0.52522 | 0.24457 | 0.01039 | 20.26 |
| 19 | 0.05446 | 0.48458 | 0.28726 | 0.00499 | 21.6259 | 24.6557 | 46.9565 | 0.91636 | 0.76618 | 20.6553 | 1.19329 | 0.08653 | 0.94165 | 0.0544 | 0.49545 | 0.29395 | 0.04747 | 21.93 |
| 20 | 0.08889 | 0.51743 | 0.31219 | 0.00765 | 17.4859 | 25.6639 | 44.5492 | 0.86179 | 0.83728 | 15.5301 | 1.61408 | 0.13452 | 0.8988 | 0.09341 | 0.49502 | 0.33766 | 0.04318 | 18.21 |
| 21 | 0.04053 | 0.49078 | 0.17656 | 0.02191 | 35.9314 | 60.4243 | 111.239 | 0.92672 | 0.88224 | 36.0186 | 1.76321 | 0.23709 | 0.94739 | 0.04638 | 0.5451 | 0.25959 | 0.12756 | 37.07 |
| 22 | 0.04 | 0.52477 | 0.18614 | 0.00203 | 25.9544 | 28.029 | 54.3252 | 0.93478 | 0.71294 | 25.5152 | 1.29972 | 0.03789 | 0.95019 | 0.0484 | 0.55441 | 0.2552 | 0.01917 | 26.85 |
| 23 | 0.043 | 0.54695 | 0.17836 | 0.0021 | 26.4928 | 27.2656 | 54.0917 | 0.9393 | 0.72741 | 25.6775 | 1.25548 | 0.03736 | 0.95206 | 0.04655 | 0.51852 | 0.25221 | 0.01919 | 26.97 |
| 24 | 0.08235 | 0.46318 | 0.28238 | 0.03195 | 18.4072 | 28.1118 | 50.3183 | 0.86427 | 0.77751 | 17.3477 | 1.62917 | 0.24547 | 0.90248 | 0.08475 | 0.49324 | 0.33134 | 0.09408 | 19.22 |
| 25 | 0.0816 | 0.50512 | 0.2629 | 0.04387 | 18.1591 | 27.2165 | 49.0853 | 0.86508 | 0.81189 | 16.5235 | 1.63893 | 0.21851 | 0.89895 | 0.08916 | 0.50294 | 0.32574 | 0.09397 | 18.3 |

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| | NL | NM | NN | NO | NP | NQ | NR | NS | NT | NU | NV | NW | NX | NY | NZ | OA | OB | OC |
|----|---------|---------|---------|---------|---------|---------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| 1 | Tv | Av | Vv | Kv | Dv | L1e | L2e | L3e | P1e | P2e | E1e | E2e | E3e | Te | Ae | Ve | Ke | De |
| 2 | 9.13633 | 9.35599 | 18.4923 | 0.80705 | 0.89007 | 9.48874 | 1.69296 | 2.03E-09 | 0.8486 | 0.1514 | 0.57016 | 0.4783 | 0.47903 | 11.1817 | 16.0641 | 27.2458 | 0.77289 | 1.52 |
| 3 | 17.7572 | 19.8328 | 38.9426 | 0.89928 | 0.78434 | 18.2876 | 1.53345 | 0.15471 | 0.91549 | 0.07677 | 0.59894 | 0.47475 | 0.1784 | 19.9758 | 31.1096 | 55.4239 | 0.87323 | 1.252 |
| 4 | 14.7904 | 24.3788 | 44.078 | 0.81183 | 0.87777 | 14.021 | 2.10062 | 0.38359 | 0.84949 | 0.12727 | 0.56079 | 0.51034 | 0.2472 | 16.5052 | 35.6368 | 63.4398 | 0.77423 | 1.318 |
| 5 | 16.3317 | 25.8991 | 47.2392 | 0.839 | 0.90492 | 15.6191 | 2.00766 | 0.38221 | 0.8673 | 0.11148 | 0.59483 | 0.53684 | 0.21215 | 18.009 | 38.095 | 68.0893 | 0.80094 | 1.343 |
| 6 | 11.6339 | 11.2553 | 23.2178 | 0.86312 | 0.62105 | 12.566 | 1.43488 | 0.06654 | 0.89327 | 0.102 | 0.55374 | 0.41246 | 0.07465 | 14.0674 | 18.9623 | 34.2295 | 0.8399 | 1.040 |
| 7 | 13.8864 | 13.1383 | 27.7019 | 0.89017 | 0.60266 | 15.4883 | 1.32819 | 0.11872 | 0.91456 | 0.07843 | 0.53024 | 0.39367 | 0.13377 | 16.9352 | 22.5678 | 41.9452 | 0.87184 | 1.057 |
| 8 | 15.6838 | 23.4535 | 41.302 | 0.84108 | 0.85244 | 15.2495 | 2.03202 | 0.19493 | 0.87257 | 0.11627 | 0.59198 | 0.51479 | 0.19395 | 17.4765 | 34.3561 | 57.8729 | 0.80886 | 1.300 |
| 9 | 16.4397 | 25.7381 | 44.483 | 0.84121 | 0.87589 | 16.1024 | 2.16351 | 0.18716 | 0.87261 | 0.11724 | 0.62719 | 0.53711 | 0.18433 | 18.4531 | 38.2563 | 63.2295 | 0.80892 | 1.348 |
| 10 | 15.0688 | 21.16 | 38.4955 | 0.84539 | 0.83252 | 14.8437 | 1.87004 | 0.23359 | 0.87587 | 0.11034 | 0.59314 | 0.51662 | 0.14834 | 16.9473 | 31.6624 | 55.0939 | 0.81381 | 1.258 |
| 11 | 15.7984 | 23.3445 | 41.5739 | 0.84464 | 0.851 | 15.663 | 2.0083 | 0.22412 | 0.87525 | 0.11222 | 0.62571 | 0.53206 | 0.14083 | 17.8954 | 35.4166 | 60.3619 | 0.81288 | 1.298 |
| 12 | 22.5561 | 34.0313 | 57.2537 | 0.89198 | 0.8335 | 21.9028 | 2.14628 | 0.04526 | 0.90904 | 0.08908 | 0.58762 | 0.51021 | 0.05246 | 24.0944 | 48.0981 | 74.32 | 0.86357 | 1.15 |
| 13 | 23.4809 | 36.452 | 60.6248 | 0.89333 | 0.84758 | 22.9497 | 2.22916 | 0.04355 | 0.90989 | 0.08838 | 0.60878 | 0.52622 | 0.05001 | 25.2224 | 52.255 | 79.7052 | 0.86484 | 1.185 |
| 14 | 26.2929 | 41.2075 | 68.9688 | 0.90466 | 0.80951 | 26.3728 | 2.20069 | 0.08155 | 0.92035 | 0.0768 | 0.59122 | 0.50155 | 0.09278 | 28.6551 | 60.3686 | 93.7567 | 0.88053 | 1.185 |
| 15 | 30.9401 | 43.159 | 76.28 | 0.92914 | 0.82555 | 31.2884 | 1.90057 | 0.11678 | 0.93943 | 0.05706 | 0.59611 | 0.48754 | 0.13153 | 33.3057 | 63.3416 | 103.592 | 0.90914 | 1.215 |
| 16 | 31.037 | 43.1553 | 76.3461 | 0.92961 | 0.83202 | 31.1771 | 1.90407 | 0.1145 | 0.93919 | 0.05736 | 0.59367 | 0.49297 | 0.12977 | 33.1957 | 63.1512 | 103.144 | 0.90879 | 1.216 |
| 17 | 21.2243 | 36.4329 | 58.3574 | 0.86701 | 0.79833 | 20.8599 | 2.54887 | 0.04379 | 0.88945 | 0.10868 | 0.61191 | 0.49664 | 0.05062 | 23.4526 | 54.1944 | 79.7574 | 0.83418 | 1.159 |
| 18 | 20.2666 | 33.7806 | 54.7191 | 0.86453 | 0.78018 | 19.5956 | 2.51466 | 0.04561 | 0.88444 | 0.1135 | 0.59384 | 0.47861 | 0.05331 | 22.1558 | 50.2846 | 74.6881 | 0.82666 | 1.125 |
| 19 | 21.9352 | 26.5382 | 50.6061 | 0.91248 | 0.83687 | 22.7838 | 1.54988 | 0.18077 | 0.9294 | 0.06322 | 0.60237 | 0.49123 | 0.20718 | 24.5145 | 39.7111 | 71.7128 | 0.90077 | 1.299 |
| 20 | 17.2787 | 27.3729 | 48.0235 | 0.8482 | 0.87586 | 17.0867 | 2.05934 | 0.25959 | 0.8805 | 0.10612 | 0.59919 | 0.54935 | 0.16082 | 19.4056 | 40.1574 | 68.6972 | 0.82075 | 1.309 |
| 21 | 38.0189 | 72.4661 | 125.542 | 0.92108 | 0.93225 | 37.8144 | 2.35078 | 0.32808 | 0.93384 | 0.05805 | 0.60082 | 0.46501 | 0.23416 | 40.4992 | 102.071 | 171.728 | 0.90707 | 1.299 |
| 22 | 26.8528 | 34.1788 | 62.2881 | 0.92528 | 0.82878 | 26.3088 | 1.8034 | 0.08587 | 0.933 | 0.06395 | 0.5894 | 0.49094 | 0.09847 | 28.1981 | 49.8595 | 82.1319 | 0.8995 | 1.178 |
| 23 | 26.9703 | 33.2438 | 61.4183 | 0.9281 | 0.82952 | 26.2549 | 1.75839 | 0.08399 | 0.93443 | 0.06258 | 0.5835 | 0.4947 | 0.09699 | 28.0072 | 48.5191 | 80.4938 | 0.90164 | 1.175 |
| 24 | 19.2223 | 32.9205 | 59.0803 | 0.85371 | 0.91865 | 19.4288 | 2.07109 | 0.40505 | 0.88696 | 0.09455 | 0.61689 | 0.53044 | 0.2599 | 21.9049 | 48.9472 | 87.157 | 0.83044 | 1.407 |
| 25 | 18.381 | 31.0496 | 55.3481 | 0.84842 | 0.92265 | 18.5372 | 2. | | | | | | | | | | | |

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| | OT | OU | OV | OW | OX | OY | OZ | PA | PB | PC | PD | PE | PF | PG | PH | PI | PJ | PK |
|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|---------|---------|---------|---------|-------|
| 1 | P1i | P2i | E1i | E2i | E3i | Ti | AI | Vi | Ki | Di | L1s | L2s | L3s | P1s | P2s | E1s | E2s | E3s |
| 2 | 0,83985 | 0,16015 | 0,58134 | 0,55989 | 0,5275 | 11,4102 | 17,5116 | 28,9218 | 0,75977 | 1,66873 | 9,4392 | 1,69928 | 2,03E-09 | 0,84744 | 0,15256 | 0,56423 | 0,48187 | 0,481 |
| 3 | 0,91228 | 0,07909 | 0,61683 | 0,52301 | 0,22945 | 20,3418 | 33,3957 | 58,9761 | 0,86842 | 1,36929 | 18,2851 | 1,54397 | 0,15538 | 0,91497 | 0,07726 | 0,59878 | 0,48133 | 0,179 |
| 4 | 0,84373 | 0,13101 | 0,56738 | 0,55685 | 0,30012 | 16,7087 | 37,733 | 67,4639 | 0,7656 | 1,42434 | 14,0086 | 2,11477 | 0,38569 | 0,84854 | 0,1281 | 0,5599 | 0,51785 | 0,249 |
| 5 | 0,86201 | 0,11476 | 0,60106 | 0,58244 | 0,2597 | 18,2094 | 40,3263 | 72,4147 | 0,79301 | 1,4432 | 15,6199 | 2,0223 | 0,38332 | 0,86654 | 0,11219 | 0,59493 | 0,54481 | 0,213 |
| 6 | 0,88795 | 0,10668 | 0,57776 | 0,47555 | 0,10153 | 14,4608 | 20,9251 | 36,9232 | 0,83193 | 1,15485 | 12,5051 | 1,44785 | 0,06722 | 0,89194 | 0,10327 | 0,54847 | 0,42004 | 0,076 |
| 7 | 0,91133 | 0,08083 | 0,56306 | 0,44515 | 0,17887 | 17,5181 | 24,9918 | 45,6132 | 0,867 | 1,18708 | 15,4075 | 1,34215 | 0,12054 | 0,9133 | 0,07956 | 0,5247 | 0,40189 | 0,13 |
| 8 | 0,86748 | 0,12024 | 0,59746 | 0,56452 | 0,24363 | 17,6569 | 36,2998 | 61,0043 | 0,80122 | 1,40562 | 15,1892 | 2,05415 | 0,19401 | 0,87107 | 0,1178 | 0,58722 | 0,52534 | 0,193 |
| 9 | 0,86638 | 0,12231 | 0,62401 | 0,59101 | 0,23468 | 18,538 | 40,2578 | 66,4294 | 0,79958 | 1,4497 | 16,0119 | 1,8793 | 0,18639 | 0,87086 | 0,119 | 0,62011 | 0,5486 | 0,184 |
| 10 | 0,87226 | 0,1124 | 0,60706 | 0,55437 | 0,18943 | 17,2122 | 33,52 | 58,398 | 0,8084 | 1,35085 | 14,828 | 1,88473 | 0,23473 | 0,87494 | 0,11121 | 0,5919 | 0,52429 | 0,149 |
| 11 | 0,87069 | 0,11519 | 0,63181 | 0,57222 | 0,1827 | 18,0771 | 37,3228 | 63,7642 | 0,80604 | 1,38673 | 15,6236 | 2,02366 | 0,27539 | 0,87416 | 0,11323 | 0,62256 | 0,54021 | 0,142 |
| 12 | 0,9057 | 0,09216 | 0,59517 | 0,55971 | 0,06932 | 24,3382 | 50,7071 | 77,6174 | 0,85855 | 1,2242 | 21,9346 | 2,15478 | 0,04541 | 0,90884 | 0,08928 | 0,58933 | 0,51508 | 0,052 |
| 13 | 0,90567 | 0,09234 | 0,60889 | 0,58091 | 0,06701 | 25,3439 | 54,9921 | 83,0435 | 0,8585 | 1,25681 | 22,9448 | 2,23882 | 0,04376 | 0,90952 | 0,08875 | 0,6085 | 0,53101 | 0,05 |
| 14 | 0,91776 | 0,07902 | 0,60917 | 0,54974 | 0,123 | 29,1712 | 64,4439 | 99,4097 | 0,87664 | 1,28192 | 26,3655 | 2,21187 | 0,08227 | 0,91995 | 0,07718 | 0,59096 | 0,50694 | 0,094 |
| 15 | 0,93707 | 0,05896 | 0,61997 | 0,54225 | 0,17609 | 34,0541 | 68,655 | 111,367 | 0,90561 | 1,33832 | 31,3746 | 1,91346 | 0,11807 | 0,93919 | 0,05728 | 0,59946 | 0,49492 | 0,134 |
| 16 | 0,9366 | 0,0595 | 0,60644 | 0,54271 | 0,1705 | 33,6463 | 67,4891 | 109,416 | 0,9049 | 1,31964 | 31,1865 | 1,9111 | 0,11545 | 0,93898 | 0,05754 | 0,59408 | 0,49759 | 0,131 |
| 17 | 0,8837 | 0,11416 | 0,61745 | 0,56028 | 0,06775 | 23,7102 | 57,9146 | 84,4975 | 0,82555 | 1,24548 | 20,8346 | 2,56137 | 0,04401 | 0,88885 | 0,10927 | 0,6104 | 0,50147 | 0,051 |
| 18 | 0,87829 | 0,11938 | 0,60309 | 0,54716 | 0,07034 | 22,4766 | 54,1442 | 79,3957 | 0,81744 | 1,22059 | 19,6007 | 2,52801 | 0,04577 | 0,88393 | 0,11401 | 0,59416 | 0,48384 | 0,053 |
| 19 | 0,92759 | 0,06411 | 0,61435 | 0,51552 | 0,26834 | 24,8072 | 41,6599 | 73,9966 | 0,89139 | 1,39821 | 22,7717 | 1,55926 | 0,18168 | 0,92898 | 0,06361 | 0,60173 | 0,49716 | 0,209 |
| 20 | 0,87652 | 0,10847 | 0,60374 | 0,58317 | 0,20579 | 19,5675 | 42,0637 | 72,3194 | 0,81478 | 1,39271 | 17,0643 | 2,07349 | 0,26085 | 0,87966 | 0,10689 | 0,59762 | 0,55694 | 0,16 |
| 21 | 0,93137 | 0,06081 | 0,62129 | 0,53165 | 0,22315 | 41,2862 | 109,761 | 182,205 | 0,89706 | 1,37609 | 37,9764 | 2,35995 | 0,33333 | 0,93378 | 0,05803 | 0,60598 | 0,46862 | 0,242 |
| 22 | 0,9294 | 0,06713 | 0,60256 | 0,55796 | 0,13157 | 28,6203 | 53,939 | 87,6324 | 0,8941 | 1,2921 | 26,4405 | 1,81762 | 0,0864 | 0,93283 | 0,06413 | 0,59533 | 0,49886 | 0,099 |
| 23 | 0,93051 | 0,06609 | 0,58409 | 0,55707 | 0,12691 | 28,2286 | 51,7038 | 84,64 | 0,89577 | 1,26807 | 26,3115 | 1,76738 | 0,08426 | 0,93425 | 0,06275 | 0,58602 | 0,49983 | 0,097 |
| 24 | 0,88459 | 0,09555 | 0,63956 | 0,56047 | 0,31513 | 22,3752 | 52,0609 | 93,2376 | 0,82689 | 1,51516 | 19,3571 | 2,08916 | 0,4062 | 0,88581 | 0,0956 | 0,6124 | 0,54029 | 0,26 |
| 25 | 0,87956 | 0,10228 | 0,64815 | 0,57401 | 0,29898 | 21,3565 | 49,1645 | 86,4336 | 0,81934 | 1,52115 | 18,3814 | 2,12399 | 0,35488 | 0,88117 | 0,10182 | 0,62121 | 0,54584 | 0,249 |

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| | PK | PL | PM | PN | PO | PP | PQ | PR | PS | PT | PU | PV | PW | PX | PY | PZ | QA | QB |
|----|---------|---------|---------|---------|---------|---------|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | E3s | Ts | As | Vs | Ks | Ds | | | | | | | | | | | | |
| 2 | 0,48142 | 11,1385 | 16,0398 | 27,1783 | 0,77116 | 1,52752 | | | | | | | | | | | | |
| 3 | 0,17996 | 19,9844 | 31,3127 | 55,6839 | 0,87245 | 1,26007 | | | | | | | | | | | | |
| 4 | 0,24995 | 16,5091 | 35,8437 | 63,779 | 0,77281 | 1,3277 | | | | | | | | | | | | |
| 5 | 0,21317 | 18,0255 | 38,3508 | 68,4848 | 0,79981 | 1,3529 | | | | | | | | | | | | |
| 6 | 0,07618 | 14,0202 | 19,0434 | 34,2806 | 0,8379 | 1,04468 | | | | | | | | | | | | |
| 7 | 0,1379 | 16,8702 | 22,6983 | 42,0611 | 0,86995 | 1,06449 | | | | | | | | | | | | |
| 8 | 0,19365 | 17,4373 | 34,5462 | 58,0368 | 0,80661 | 1,30621 | | | | | | | | | | | | |
| 9 | 0,18412 | 18,3863 | 38,4253 | 63,3415 | 0,8063 | 1,35283 | | | | | | | | | | | | |
| 10 | 0,14978 | 16,9474 | 31,8697 | 55,3772 | 0,81241 | 1,26658 | | | | | | | | | | | | |
| 11 | 0,14242 | 17,8726 | 35,5942 | 60,5928 | 0,81124 | 1,30518 | | | | | | | | | | | | |
| 12 | 0,05283 | 24,1348 | 48,3583 | 74,6396 | 0,86326 | 1,15723 | | | | | | | | | | | | |
| 13 | 0,0505 | 25,2274 | 52,4712 | 79,9464 | 0,86428 | 1,19001 | | | | | | | | | | | | |
| 14 | 0,09444 | 28,6597 | 60,6685 | 94,1262 | 0,87993 | 1,19234 | | | | | | | | | | | | |
| 15 | 0,13444 | 33,4061 | 63,9642 | 104,458 | 0,90878 | 1,22882 | | | | | | | | | | | | |
| 16 | 0,13194 | 33,213 | 63,4217 | 103,516 | 0,90847 | 1,22361 | | | | | | | | | | | | |
| 17 | 0,05112 | 23,4399 | 54,3946 | 80,183 | 0,83327 | 1,163 | | | | | | | | | | | | |
| 18 | 0,05368 | 22,1745 | 50,5635 | 75,0058 | 0,8259 | 1,13168 | | | | | | | | | | | | |
| 19 | 0,20926 | 24,5126 | 39,9274 | 70,8908 | 0,89347 | 1,30815 | | | | | | | | | | | | |
| 20 | 0,1624 | 19,3986 | 40,3746 | 69,0027 | 0,8195 | 1,31695 | | | | | | | | | | | | |
| 21 | 0,24229 | 40,6697 | 103,068 | 173,611 | 0,90067 | 1,31689 | | | | | | | | | | | | |
| 22 | 0,09968 | 28,3445 | 50,5002 | 82,997 | 0,89924 | 1,19387 | | | | | | | | | | | | |
| 23 | 0,09762 | 28,1632 | 48,8683 | 80,9499 | 0,90138 | 1,18348 | | | | | | | | | | | | |
| 24 | 0,2621 | 21,8524 | 49,1515 | 87,4306 | 0,82871 | 1,41479 | | | | | | | | | | | | |
| 25 | 0,24935 | 20,8603 | 46,3189 | 81,0344 | 0,82175 | 1,4164 | | | | | | | | | | | | |

Perhitungan Deskriptor

Ready

| | BA | BB | BC | BD | BE | BF | BG | BH | BI | BJ | BK | BL | BM | BN | BO | BP | BQ | BR |
|----|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | TDB2i | TDB3i | TDB4i | TDB5i | TDB6i | TDB7i | TDB8i | TDB9i | TDB10i | TDB1s | TDB2s | TDB3s | TDB4s | TDB5s | TDB6s | TDB7s | TDB8s | TDB9s |
| 2 | 0,115 | 0,64 | 0,887 | 0,895 | 1 | 1 | 1 | 1 | 0,667 | 1 | 1 | 0,91 | 0,663 | 0,972 | 1 | 0,73 | 1 | |
| 3 | 0,397 | 0,767 | 0,598 | 0,83 | 0,817 | 0,661 | 0,548 | 0,359 | 0,506 | 0,266 | 0,221 | 0,255 | 0,268 | 0,657 | 0,476 | 0,13 | 0,126 | 0,1 |
| 4 | 0,667 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0,136 | 0,149 | 0,084 | 0,235 | 0,58 | 0 | 0 | 0,037 | 0,022 | |
| 5 | 0,581 | 0,758 | 0,815 | 0,267 | 0,44 | 0,14 | 0,144 | 0,119 | 0,234 | 0 | 0 | 0 | 0 | 0,226 | 0,229 | 0 | 0 | 0,0 |
| 6 | 0,279 | 0,175 | 0,729 | 0,77 | 0,884 | 0,717 | 0,669 | 0,73 | 1 | 0,887 | 0,811 | 0,905 | 1 | 0,743 | 0,765 | 0,834 | 0,42 | 0,2 |
| 7 | 0,466 | 0 | 0,232 | 0,328 | 0,839 | 0,498 | 0,542 | 0,47 | 0,843 | 0,589 | 0,491 | 0,601 | 0,632 | 0,127 | 0,335 | 0,581 | 0,057 | 0,2 |
| 8 | 0,882 | 0,91 | 0,339 | 0,514 | 0,535 | 0,255 | 0,141 | 0,226 | 0,496 | 0,284 | 0,223 | 0,295 | 0,378 | 0,631 | 0,25 | 0,147 | 0,065 | 0,1 |
| 9 | 0,925 | 0,97 | 0,391 | 0,539 | 0,568 | 0,296 | 0,2 | 0,24 | 0,502 | 0,535 | 0,373 | 0,767 | 0,92 | 0,876 | 0,305 | 0,722 | 0,136 | 0,2 |
| 10 | 0,544 | 0,764 | 0,924 | 0,453 | 0,53 | 0,217 | 0,143 | 0,222 | 0,469 | 0,108 | 0,081 | 0,119 | 0,419 | 0,502 | 0,212 | 0,097 | 0,029 | 0,0 |
| 11 | 0,594 | 0,827 | 0,944 | 0,487 | 0,565 | 0,263 | 0,205 | 0,239 | 0,487 | 0,372 | 0,236 | 0,59 | 0,998 | 0,804 | 0,273 | 0,704 | 0,105 | 0,2 |
| 12 | 0,172 | 0,376 | 0,909 | 0,806 | 0,63 | 0,342 | 0,422 | 0,198 | 0 | 0,423 | 0,365 | 0,351 | 0,271 | 0,522 | 0,562 | 0,448 | 0,14 | 0,2 |
| 13 | 0,229 | 0,451 | 0,929 | 0,813 | 0,655 | 0,377 | 0,472 | 0,223 | 0,055 | 0,656 | 0,514 | 0,822 | 0,811 | 0,775 | 0,592 | 1 | 0,206 | 0,3 |
| 14 | 0,361 | 0,362 | 0,662 | 0,544 | 0,472 | 0,461 | 0,513 | 0,349 | 0,119 | 0,475 | 0,34 | 0,562 | 0,55 | 0,479 | 0,366 | 0,488 | 0,165 | 0,3 |
| 15 | 0,205 | 0,213 | 0,483 | 0,446 | 0,388 | 0,486 | 0,459 | 0,331 | 0,171 | 0,46 | 0,379 | 0,503 | 0,592 | 0,47 | 0,321 | 0,686 | 0,247 | 0,3 |
| 16 | 0,339 | 0,453 | 0,388 | 0,546 | 0,48 | 0,548 | 0,528 | 0,4 | 0,279 | 0,353 | 0,236 | 0,408 | 0,324 | 0,264 | 0,204 | 0,453 | 0,185 | 0,2 |
| 17 | 0,154 | 0,625 | 1 | 0,543 | 0,671 | 0,25 | 0,406 | 0,057 | 0,06 | 0,683 | 0,525 | 1 | 0,906 | 0,774 | 0,567 | 0,764 | 0,238 | 0,3 |
| 18 | 0,087 | 0,529 | 0,955 | 0,572 | 0,583 | 0,172 | 0,316 | 0,012 | 0,026 | 0,451 | 0,375 | 0,509 | 0,408 | 0,547 | 0,534 | 0,204 | 0,161 | 0,2 |
| 19 | 0,422 | 0,767 | 0,456 | 1 | 0,861 | 0,735 | 0,639 | 0,418 | 0,449 | 0,385 | 0,262 | 0,585 | 0,581 | 0,596 | 0,467 | 0,865 | 0,151 | 0,0 |
| 20 | 0,607 | 0,777 | 0,768 | 0,418 | 0,545 | 0,209 | 0,21 | 0,162 | 0,355 | 0,243 | 0,141 | 0,421 | 0,479 | 0,523 | 0,283 | 0,529 | 0,072 | 0,2 |
| 21 | 0,414 | 0,843 | 0,198 | 0,336 | 0,324 | 0,027 | 0,13 | 0,115 | 0,335 | 0,502 | 0,588 | 0,556 | 0,734 | 1 | 0,295 | 0,524 | 0,091 | 0,3 |
| 22 | 0 | 0,168 | 0,607 | 0,637 | 0,616 | 0,364 | 0,361 | 0,223 | 0,127 | 0,409 | 0,405 | 0,288 | 0,319 | 0,494 | 0,498 | 0,654 | 0,238 | 0,1 |
| 23 | 0,155 | 0,425 | 0,492 | 0,749 | 0,709 | 0,455 | 0,439 | 0,281 | 0,19 | 0,292 | 0,245 | 0,2 | 0,035 | 0,237 | 0,329 | 0,412 | 0,166 | 0,1 |
| 24 | 0,701 | 0,69 | 0,561 | 0,083 | 0,204 | 0,198 | 0,238 | 0,22 | 0,19 | 0,095 | 0,014 | 0,199 | 0,281 | 0,259 | 0,104 | 0,103 | 0,035 | 0,1 |
| 25 | 1 | 0,897 | 0,131 | 0,155 | 0,25 | 0,288 | 0,253 | 0,304 | 0,318 | 0,355 | 0,215 | 0,508 | 0,642 | 0,552 | 0,11 | 0,227 | 0,092 | 0,2 |

| | BR | BS | BT | BU | BV | BW | BX | BY | BZ | CA | CB | CC | CD | CE | CF | CG | CH | CI |
|----|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 1 | TDB9s | TDB10s | TDB1r | TDB2r | TDB3r | TDB4r | TDB5r | TDB6r | TDB7r | TDB8r | TDB9r | TDB10r | PPSA-1 | PPSA-2 | PPSA-3 | PNSA-1 | PNSA-2 | PNSA-3 |
| 2 | 1 | 0 | 0,693 | 0,886 | 0,61 | 0,363 | 0,621 | 0,785 | 0 | 0 | 0,151 | 0 | 0 | 0 | 0,206 | 0,33 | 0,89 | 0,5 |
| 3 | 0,146 | 0,308 | 0,12 | 0,101 | 0 | 0,199 | 0,651 | 0,712 | 0,49 | 0,487 | 0,447 | 0,47 | 0,456 | 0,219 | 0,247 | 0,446 | 0,801 | 0,7 |
| 4 | 0 | 0,403 | 0 | 0 | 0,235 | 0,346 | 0 | 0 | 0,525 | 0,319 | 0 | 0,329 | 0,509 | 0,235 | 0,139 | 0,368 | 0,839 | 0,8 |
| 5 | 0,028 | 0,35 | 0,483 | 0,264 | 0,02 | 0 | 0,371 | 0,636 | 0,66 | 0,458 | 0,252 | 0,441 | 0,489 | 0,237 | 0,134 | 0,141 | 0,914 | 0,9 |
| 6 | 0,264 | 1 | 0,53 | 0,524 | 0,806 | 0,454 | 0,618 | 0,77 | 0,698 | 0,162 | 0,015 | 0,526 | 0,192 | 0,085 | 0,112 | 0,122 | 0,951 | 0,7 |
| 7 | 0,205 | 0,85 | 0,232 | 0,126 | 0,948 | 0,636 | 0,365 | 0,329 | 0,821 | 0,185 | 0,186 | 0,619 | 0,386 | 0,159 | 0 | 0 | 1 | 0,1 |
| 8 | 0,102 | 0,506 | 0,585 | 0,343 | 0,312 | 0,269 | 0,372 | 0,708 | 0,777 | 0,504 | 0,214 | 0,479 | 0,525 | 0,36 | 0,534 | 0,288 | 0,743 | 0,4 |
| 9 | 0,299 | 0,742 | 0,624 | 0,462 | 0,459 | 0,345 | 0,392 | 0,687 | 0,83 | 0,58 | 0,381 | 0,521 | 0,511 | 0,477 | 0,836 | 0,352 | 0,73 | 0,0 |
| 10 | 0,026 | 0,467 | 0,581 | 0,349 | 0,052 | 0,171 | 0,642 | 0,683 | 0,756 | 0,421 | 0,125 | 0,428 | 0,408 | 0,181 | 0,122 | 0,31 | 0,874 | 0,9 |
| 11 | 0,255 | 0,567 | 0,62 | 0,469 | 0,203 | 0,258 | 0,645 | 0,664 | 0,812 | 0,505 | 0,314 | 0,45 | 0,392 | 0,288 | 0,421 | 0,393 | 0,699 | 0,1 |
| 12 | 0,234 | 0,429 | 0,964 | 0,85 | 0,566 | 0,421 | 0,74 | 1 | 0,845 | 0,749 | 0,923 | 0,865 | 0,397 | 0,282 | 0,495 | 0,885 | 0,45 | 0,5 |
| 13 | 0,342 | 0,529 | 0,99 | 0,961 | 0,705 | 0,488 | 0,737 | 0,965 | 0,89 | 0,789 | 0,964 | 0,876 | 0,381 | 0,385 | 0,814 | 0,976 | 0,254 | 0,0 |
| 14 | 0,356 | 0,432 | 0,757 | 0,658 | 0,794 | 0,614 | 0,664 | 0,714 | 0,698 | 0,78 | 0,959 | 0,875 | 0,566 | 0,492 | 0,692 | 0,675 | 0,422 | 0,2 |
| 15 | 0,303 | 0,459 | 0,69 | 0,521 | 0,714 | 0,648 | 0,545 | 0,588 | 0,818 | 0,854 | 0,799 | 1 | 0,752 | 0,635 | 1 | 0,696 | 0,374 | 0,3 |
| 16 | 0,295 | 0,426 | 0,626 | 0,511 | 0,606 | 0,559 | 0,555 | 0,538 | 0,663 | 0,795 | 0,809 | 0,928 | 0,734 | 0,61 | 0,922 | 0,74 | 0,366 | 0,4 |
| 17 | 0,347 | 0,517 | 1 | 1 | 1 | 0,637 | 0,629 | 0,84 | 0,8 | 1 | 1 | 0,73 | 0,338 | 0,334 | 0,484 | 1 | 0,287 | 0,0 |
| 18 | 0,25 | 0,327 | 0,972 | 0,887 | 0,861 | 0,583 | 0,626 | 0,855 | 0,743 | 0,959 | 0,95 | 0,639 | 0,42 | 0,266 | 0,473 | 0,891 | 0,531 | 0,6 |
| 19 | 0,222 | 0,438 | 0,07 | 0,107 | 0,029 | 0,184 | 0,498 | 0,69 | 0,611 | 0,551 | 0,581 | 0,672 | 0,423 | 0,343 | 0,333 | 0,602 | 0,549 | 0,2 |
| 20 | 0,116 | 0,488 | 0,508 | 0,368 | 0,154 | 0,09 | 0,412 | 0,631 | 0,716 | 0,538 | 0,412 | 0,493 | 0,46 | 0,344 | 0,312 | 0,559 | 0,595 | 0,0 |
| 21 | 0,399 | 0,752 | 0,79 | 0,484 | 0,649 | 1 | 1 | 0,601 | 0,533 | 0,583 | 0,653 | 0,98 | 1 | 1 | 0,792 | 0,949 | 0 | 0,0 |
| 22 | 0,168 | 0,432 | 0,877 | 0,679 | 0,483 | 0,458 | 0,582 | 0,828 | 1 | 0,869 | 0,743 | 0,947 | 0,543 | 0,382 | 0,628 | 0,59 | 0,588 | 0,5 |
| 23 | 0,186 | 0,426 | 0,801 | 0,662 | 0,382 | 0,369 | 0,591 | 0,74 | 0,781 | 0,768 | 0,751 | 0,935 | 0,478 | 0,337 | 0,612 | 0,636 | 0,582 | 0,6 |
| 24 | 0,187 | 0,398 | 0,321 | 0,144 | 0,241 | 0,212 | 0,361 | 0,402 | 0,529 | 0,537 | 0,477 | 0,633 | 0,694 | 0,463 | 0,285 | 0,142 | 0,795 | 0,0 |
| 25 | 0,259 | 0,554 | 0,411 | 0,213 | 0,55 | 0,46 | 0,347 | 0,439 | 0,613 | 0,581 | 0,459 | 0,694 | 0,654 | 0,559 | 0,563 | 0,146 | 0,69 | 0,2 |

| | CI | CJ | CK | CL | CM | CN | CO | CP | CQ | CR | CS | CT | CU | CV | CW | CX | CY | CZ |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|------|
| 1 | PNSA-3 | DPSA-1 | DPSA-2 | DPSA-3 | FPSA-1 | FPSA-2 | FPSA-3 | FNSA-1 | FNSA-2 | FNSA-3 | WPSA-1 | WPSA-2 | WPSA-3 | WNSA-1 | WNSA-2 | WNSA-3 | RPCG | RNCG |
| 2 | 0,506 | 0 | 0 | 0,404 | 0 | 0 | 1 | 1 | 0,598 | 0 | 0 | 0 | 0 | 0,044 | 0,985 | 0,895 | 0,569 | |
| 3 | 0,718 | 0,524 | 0,183 | 0,286 | 0,541 | 0,216 | 0,175 | 0,459 | 0,781 | 0,803 | 0,346 | 0,187 | 0,256 | 0,31 | 0,841 | 0,766 | 0,47 | 0,8 |
| 4 | 0,809 | 0,636 | 0,181 | 0,182 | 0,656 | 0,236 | 0,002 | 0,344 | 0,856 | 0,903 | 0,381 | 0,2 | 0,21 | 0,279 | 0,861 | 0,805 | 0,508 | 0,8 |
| 5 | 0,994 | 0,738 | 0,157 | 0,062 | 0,823 | 0,305 | 0,147 | 0,177 | 0,923 | 1 | 0,33 | 0,181 | 0,155 | 0,121 | 0,926 | 0,941 | 0,477 | 0,8 |
| 6 | 0,719 | 0,364 | 0,039 | 0,228 | 0,495 | 0,153 | 0,61 | 0,505 | 0,815 | 0,409 | 0,102 | 0,052 | 0,01 | 0,003 | 0,996 | 0,934 | 0,979 | 0,0 |
| 7 | 1 | 0,683 | 0,074 | 0 | 0,846 | 0,238 | 0,178 | 0,154 | 1 | 0,88 | 0,227 | 0,11 | 0,024 | 0 | 1 | 1 | 1 | 0,9 |
| 8 | 0,482 | 0,701 | 0,301 | 0,562 | 0,735 | 0,481 | 0,572 | 0,265 | 0,682 | 0,578 | 0,383 | 0,275 | 0,401 | 0,231 | 0,805 | 0,643 | 0,238 | 0,6 |
| 9 | 0 | 0,647 | 0,44 | 1 | 0,67 | 0,692 | 0,97 | 0,33 | 0,404 | 0,131 | 0,38 | 0,353 | | | | | | |

| | CZ | DA | DB | DC | DD | DE | DF | DG | DH | DI | DJ | DK | DL | DM | DN | DO | DP | DQ |
|----|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|---------|---------|---------|--------|--------|--------|--------|--------|
| 1 | RNCG | RPCS | RNCS | THSA | TPSA | RHSA | RPSA | GRAV-1 | GRAV-2 | GRAV-3 | GRAVH-1 | GRAVH-2 | GRAVH-3 | GRAV-4 | GRAV-5 | GRAV-6 | LOBMAX | LOBMIN |
| 2 | 1 | 0.307 | 0.849 | 0 | 0.566 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0.874 | 0.265 | 0.977 | 0.484 | 0.326 | 0.778 | 0.222 | 0.151 | 0.182 | 0.194 | 0.177 | 0.212 | 0.225 | 0.133 | 0.168 | 0.182 | 0.304 | 0.3 |
| 4 | 0.895 | 0.147 | 1 | 0.524 | 0.238 | 0.885 | 0.115 | 0.203 | 0.242 | 0.256 | 0.238 | 0.28 | 0.294 | 0.211 | 0.26 | 0.278 | 0.132 | 0.1 |
| 5 | 0.863 | 0.172 | 0.738 | 0.44 | 0.19 | 0.87 | 0.13 | 0.294 | 0.342 | 0.358 | 0.321 | 0.37 | 0.387 | 0.282 | 0.34 | 0.36 | 0.247 | 0.2 |
| 6 | 0.96 | 0.386 | 0.842 | 0.128 | 0.405 | 0.353 | 0.647 | 0.085 | 0.105 | 0.112 | 0.081 | 0.099 | 0.106 | 0.068 | 0.089 | 0.096 | 0.544 | 0.5 |
| 7 | 0.923 | 0.377 | 0.175 | 0.356 | 0 | 1 | 0 | 0.159 | 0.192 | 0.204 | 0.158 | 0.19 | 0.201 | 0.125 | 0.16 | 0.172 | 0.557 | 0.5 |
| 8 | 0.673 | 0.162 | 0.312 | 0.443 | 0.481 | 0.611 | 0.389 | 0.349 | 0.4 | 0.418 | 0.358 | 0.409 | 0.426 | 0.321 | 0.381 | 0.402 | 0.552 | 0.5 |
| 9 | 0.453 | 0.109 | 0.159 | 0.311 | 1 | 0.059 | 0.941 | 0.427 | 0.48 | 0.498 | 0.435 | 0.488 | 0.505 | 0.409 | 0.473 | 0.494 | 0.557 | 0.5 |
| 10 | 0.931 | 0.264 | 0.796 | 0.421 | 0.232 | 0.816 | 0.184 | 0.257 | 0.302 | 0.318 | 0.274 | 0.319 | 0.335 | 0.235 | 0.288 | 0.306 | 0.359 | 0.3 |
| 11 | 0.607 | 0.181 | 0.493 | 0.294 | 0.758 | 0.229 | 0.771 | 0.336 | 0.386 | 0.403 | 0.351 | 0.401 | 0.418 | 0.323 | 0.383 | 0.404 | 0.365 | 0.3 |
| 12 | 0.636 | 0.19 | 0.56 | 0.604 | 0.285 | 0.896 | 0.104 | 0.434 | 0.487 | 0.505 | 0.441 | 0.494 | 0.511 | 0.376 | 0.439 | 0.461 | 1 | 0 |
| 13 | 0.41 | 0.132 | 0.347 | 0.479 | 0.81 | 0.38 | 0.62 | 0.512 | 0.564 | 0.581 | 0.518 | 0.57 | 0.587 | 0.465 | 0.528 | 0.55 | 0.964 | 0.9 |
| 14 | 0.418 | 0.114 | 0.403 | 0.589 | 0.576 | 0.65 | 0.35 | 0.586 | 0.635 | 0.651 | 0.595 | 0.643 | 0.659 | 0.531 | 0.592 | 0.613 | 0.153 | 0.1 |
| 15 | 0.38 | 1 | 0.322 | 0.762 | 0.533 | 0.8 | 0.2 | 0.659 | 0.703 | 0.717 | 0.667 | 0.71 | 0.724 | 0.587 | 0.645 | 0.664 | 0.25 | 0.2 |
| 16 | 0.396 | 0.716 | 0.34 | 0.775 | 0.488 | 0.841 | 0.159 | 0.632 | 0.678 | 0.693 | 0.651 | 0.696 | 0.71 | 0.564 | 0.624 | 0.643 | 0.239 | 0.2 |
| 17 | 0.454 | 0.159 | 0.373 | 0.455 | 0.8 | 0.364 | 0.636 | 0.51 | 0.562 | 0.58 | 0.517 | 0.568 | 0.585 | 0.49 | 0.553 | 0.574 | 0.079 | 0.0 |
| 18 | 0.7 | 0.594 | 0.659 | 0.613 | 0.325 | 0.869 | 0.131 | 0.433 | 0.486 | 0.504 | 0.44 | 0.492 | 0.51 | 0.402 | 0.466 | 0.487 | 0.087 | 0.0 |
| 19 | 0.528 | 0.141 | 0.453 | 0.395 | 0.758 | 0.338 | 0.662 | 0.274 | 0.32 | 0.336 | 0.31 | 0.358 | 0.375 | 0.257 | 0.312 | 0.331 | 0.193 | 0.1 |
| 20 | 0.563 | 0.136 | 0.496 | 0.421 | 0.717 | 0.396 | 0.604 | 0.375 | 0.427 | 0.444 | 0.4 | 0.452 | 0.47 | 0.37 | 0.432 | 0.454 | 0.068 | 0.0 |
| 21 | 0 | 0 | 0 | 1 | 0.742 | 0.793 | 0.207 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2.224 | 0.2 |
| 22 | 0.583 | 0.525 | 0.638 | 0.577 | 0.434 | 0.755 | 0.245 | 0.507 | 0.56 | 0.577 | 0.513 | 0.565 | 0.582 | 0.435 | 0.499 | 0.521 | 0.192 | 0.1 |
| 23 | 0.606 | 0.28 | 0.666 | 0.565 | 0.347 | 0.819 | 0.181 | 0.481 | 0.533 | 0.551 | 0.498 | 0.55 | 0.567 | 0.413 | 0.477 | 0.498 | 0.195 | 0.1 |
| 24 | 0.573 | 0.156 | 0.499 | 0.584 | 0.282 | 0.886 | 0.114 | 0.447 | 0.5 | 0.518 | 0.476 | 0.528 | 0.545 | 0.437 | 0.5 | 0.522 | 0.107 | 0.1 |
| 25 | 0.461 | 0.105 | 0.148 | 0.485 | 0.529 | 0.606 | 0.394 | 0.499 | 0.552 | 0.569 | 0.511 | 0.562 | 0.579 | 0.474 | 0.537 | 0.558 | 0.096 | 0.0 |

| | DQ | DR | DS | DT | DU | DV | DW | DX | DY | DZ | EA | EB | EC | ED | EE | EF | EG | EH |
|----|--------|--------|--------|--------|---------|---------|---------|--------|----------|----------|---------|--------|--------|--------|--------|--------|--------|--------|
| 1 | LOBMIN | MOMI-X | MOMI-Y | MOMI-Z | MOMI-XY | MOMI-XZ | MOMI-YZ | MOMI-R | geomRadi | geomDian | geomSha | RDF10u | RDF15u | RDF20u | RDF25u | RDF30u | RDF35u | RDF40u |
| 2 | 0 | 0 | 0 | 0 | 1 | 0.122 | 0.111 | 0 | 0 | 0 | 0 | 0.23 | 0 | 0 | 0.049 | 0.005 | 0.069 | |
| 3 | 0.304 | 0.154 | 0.154 | 0.113 | 0.403 | 0.492 | 0.488 | 0.291 | 0.286 | 0.364 | 0.815 | 0.5 | 0.353 | 0.166 | 0.563 | 0.217 | 0.113 | 0.3 |
| 4 | 0.132 | 0.128 | 0.12 | 0.37 | 0.972 | 0 | 0 | 0.313 | 0.203 | 0.277 | 0.728 | 0.531 | 0.508 | 0.152 | 0.49 | 0.487 | 0.882 | 0.8 |
| 5 | 0.243 | 0.175 | 0.167 | 0.393 | 0.797 | 0.082 | 0.082 | 0.371 | 0.201 | 0.276 | 0.737 | 0.531 | 0.725 | 0.332 | 0.585 | 0.63 | 0.858 | 0.7 |
| 6 | 0.544 | 0.041 | 0.041 | 0.017 | 0.672 | 0.283 | 0.276 | 0.075 | 0.092 | 0.137 | 0.438 | 0.001 | 0.03 | 0.24 | 0 | 0 | 0.039 | 0.0 |
| 7 | 0.557 | 0.084 | 0.086 | 0.028 | 0.442 | 0.458 | 0.453 | 0.137 | 0.186 | 0.275 | 0.815 | 0 | 0.07 | 0.522 | 0.08 | 0.159 | 0 | 0.2 |
| 8 | 0.552 | 0.179 | 0.168 | 0.391 | 0.946 | 0.092 | 0.086 | 0.368 | 0.292 | 0.302 | 0.4 | 0.344 | 0.623 | 0.482 | 0.479 | 0.389 | 0.558 | 0.5 |
| 9 | 0.557 | 0.226 | 0.213 | 0.477 | 0.928 | 0.106 | 0.099 | 0.426 | 0.292 | 0.303 | 0.409 | 0.44 | 0.645 | 0.585 | 0.525 | 0.391 | 0.556 | 0.5 |
| 10 | 0.359 | 0.135 | 0.127 | 0.298 | 0.947 | 0.092 | 0.086 | 0.303 | 0.284 | 0.283 | 0.327 | 0.347 | 0.592 | 0.191 | 0.344 | 0.539 | 0.197 | 0.4 |
| 11 | 0.365 | 0.177 | 0.165 | 0.391 | 0.974 | 0.088 | 0.081 | 0.363 | 0.284 | 0.285 | 0.335 | 0.443 | 0.613 | 0.295 | 0.389 | 0.541 | 0.195 | 0.4 |
| 12 | 1 | 0.347 | 0.335 | 0.465 | 0.591 | 0.356 | 0.349 | 0.587 | 0.615 | 0.562 | 0.328 | 0.786 | 0.544 | 0.45 | 0.475 | 0.176 | 0.37 | 0 |
| 13 | 0.964 | 0.411 | 0.398 | 0.529 | 0.544 | 0.397 | 0.39 | 0.636 | 0.615 | 0.563 | 0.335 | 0.881 | 0.566 | 0.554 | 0.52 | 0.178 | 0.368 | 0.5 |
| 14 | 0.153 | 0.484 | 0.471 | 0.566 | 0.449 | 0.48 | 0.474 | 0.685 | 0.617 | 0.686 | 0.955 | 0.879 | 0.611 | 0.846 | 0.623 | 0.434 | 0.293 | 0.7 |
| 15 | 0.25 | 0.626 | 0.621 | 0.476 | 0.165 | 0.887 | 0.886 | 0.74 | 0.779 | 0.801 | 0.805 | 0.763 | 0.655 | 0.738 | 0.732 | 0.496 | 0.494 | 0.4 |
| 16 | 0.239 | 0.636 | 0.632 | 0.464 | 0.144 | 0.93 | 0.93 | 0.747 | 0.777 | 0.798 | 0.801 | 0.986 | 0.729 | 0.706 | 0.887 | 0.528 | 0.49 | 0.5 |
| 17 | 0.079 | 0.353 | 0.337 | 0.552 | 0.715 | 0.267 | 0.258 | 0.569 | 0.448 | 0.501 | 0.771 | 0.855 | 0.608 | 0.516 | 0.507 | 0.226 | 0.542 | 0.4 |
| 18 | 0.087 | 0.294 | 0.282 | 0.444 | 0.698 | 0.277 | 0.269 | 0.504 | 0.448 | 0.496 | 0.742 | 0.767 | 0.58 | 0.424 | 0.501 | 0.207 | 0.503 | 0.4 |
| 19 | 0.193 | 0.279 | 0.275 | 0.269 | 0.383 | 0.517 | 0.513 | 0.472 | 0.597 | 0.561 | 0.401 | 0.725 | 0.499 | 0.298 | 0.79 | 0.352 | 0.152 | 0 |
| 20 | 0.068 | 0.224 | 0.21 | 0.49 | 0.951 | 0.09 | 0.083 | 0.434 | 0.321 | 0.308 | 0.291 | 0.576 | 0.785 | 0.359 | 0.707 | 0.706 | 0.815 | 0 |
| 21 | 0.224 | 1 | 1 | 1 | 0 | 0.709 | 0.727 | 1 | 1 | 1 | 0.816 | 1 | 1 | 0.319 | 1 | 1 | 0.766 | 0.7 |
| 22 | 0.192 | 0.468 | 0.466 | 0.319 | 0.168 | 0.886 | 0.885 | 0.613 | 0.668 | 0.738 | 0.988 | 0.685 | 0.581 | 0.364 | 0.589 | 0.245 | 0.424 | 0.4 |
| 23 | 0.195 | 0.477 | 0.477 | 0.286 | 0.116 | 1 | 1 | 0.61 | 0.676 | 0.749 | 1 | 0.906 | 0.655 | 0.33 | 0.743 | 0.275 | 0.42 | 0.5 |
| 24 | 0.107 | 0.271 | 0.259 | 0.578 | 0.751 | 0.1 | 0.101 | 0.493 | 0.372 | 0.395 | 0.551 | 0.625 | 0.783 | 0.693 | 0.605 | 0.733 | 1 | |
| 25 | 0.096 | 0.275 | 0.263 | 0.566 | 0.728 | 0.117 | 0.117 | 0.489 | 0.293 | 0.35 | 0.692 | 0.485 | 0.681 | 1 | 0.526 | 0.326 | 0.498 | 0.7 |

| | EH | EI | EJ | EK | EL | EM | EN | EO | EP | EQ | ER | ES | ET | EU | EV | EW | EX | EY |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|
| 1 | RDF40u | RDF45u | RDF50u | RDF55u | RDF60u | RDF65u | RDF70u | RDF75u | RDF80u | RDF85u | RDF90u | RDF95u | RDF100u | RDF105u | RDF110u | RDF115u | RDF120u | RDF125u |
| 2 | 0 | 0 | 0 | 0.014 | 0.019 | 0 | 0.118 | 0 | 0 | 0 | 0 | 0 | 0.064 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0.312 | 0.198 | 0.375 | 0.014 | 0 | 0.318 | 0.233 | 0.554 | 0.01 | 0.394 | 0.664 | 0.272 | 0.613 | 0.215 | 0.119 | 0.383 | 0.158 | |
| 4 | 0.866 | 0.747 | 0.447 | 0.561 | 0.577 | 0.438 | 0.36 | 0.206 | 0.97 | 0.323 | 0.591 | 0.601 | 0.16 | 0.274 | 0.169 | 0.047 | 0.261 | 0.0 |
| 5 | 0.797 | 0.204 | 0.51 | 0.576 | 0.801 | 0.338 | 0.546 | 0.319 | 0.795 | 0.627 | 0.325 | 0.83 | 0.459 | 0.542 | 0.371 | 0.295 | 0.179 | 0.1 |
| 6 | 0.039 | 0.114 | 0.06 | 0 | 0.084 | 0.121 | 0 | 0.11 | 0.116 | 0.095 | 0.317 | 0.217 | 0 | 0.087 | 0.094 | 0.018 | 0 | |
| 7 | 0.231 | 0.283 | 0.15 | 0.02 | 0.295 | 0.248 | 0.192 | 0.165 | 0.298 | 0.239 | 0.444 | 0.247 | 0.172 | 0.131 | 0.087 | 0.204 | 0.128 | 0.0 |
| 8 | 0.524 | 0.332 | 0.565 | 0.201 | 0.327 | 0.301 | 0.315 | 0.291 | 0.466 | 0.531 | 0.49 | 0.737 | 0.248 | 0.657 | 0.128 | 0.178 | 0.067 | 0.1 |
| 9 | 0.598 | 0.451 | 0.608 | 0.239 | 0.309 | 0.336 | 0.258 | 0.318 | 0.473 | 0.54 | 0.668 | 0.591 | 0. | | | | | |

| | EY | EZ | FA | FB | FC | FD | FE | FF | FG | FH | FI | FJ | FK | FL | FM | FN | FO | FP | |
|----|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
| 1 | RDF125u | RDF130u | RDF135u | RDF140u | RDF145u | RDF150u | RDF155u | RDF160m | RDF15m | RDF20m | RDF25m | RDF30m | RDF35m | RDF40m | RDF45m | RDF50m | RDF55m | RDF60u | |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0,348 | 0 | 0 | 0 | 0,009 | 0 | 0,003 | 0 | 0,021 | 0,0 | |
| 3 | 0 | 0,335 | 0,115 | 0 | 0 | 0 | 0 | 0 | 0,559 | 0,357 | 0,14 | 0,205 | 0,001 | 0,019 | 0,102 | 0 | 0,263 | 0,022 | 0,0 |
| 4 | 0,094 | 0,065 | 0 | 0 | 0 | 0 | 0 | 0 | 0,553 | 0,531 | 0,114 | 0,307 | 0,159 | 0,389 | 0,291 | 0,338 | 0,187 | 0,303 | 0,1 |
| 5 | 0,151 | 0,06 | 0 | 0 | 0 | 0 | 0 | 0 | 0,553 | 0,74 | 0,164 | 0,483 | 0,148 | 0,388 | 0,223 | 0,414 | 0,285 | 0,944 | 0,1 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0,068 | 0,041 | 0,317 | 0,024 | 0,001 | 0,007 | 0,009 | 0,01 | 0,031 | 0,004 | 0,0 |
| 7 | 0,073 | 0,053 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0,092 | 0,677 | 0,104 | 0,063 | 0 | 0,049 | 0,01 | 0,074 | 0 | 0,0 |
| 8 | 0,195 | 0,008 | 0 | 0 | 0 | 0 | 0 | 0 | 0,382 | 0,679 | 0,511 | 0,458 | 0,083 | 0,222 | 0,234 | 0,184 | 0,344 | 0,19 | 0,0 |
| 9 | 0,19 | 0,005 | 0 | 0 | 0 | 0 | 0 | 0 | 0,537 | 0,705 | 0,603 | 0,536 | 0,086 | 0,244 | 0,286 | 0,217 | 0,389 | 0,185 | 0,1 |
| 10 | 0 | 0,11 | 0 | 0 | 0 | 0 | 0 | 0 | 0,386 | 0,604 | 0,169 | 0,203 | 0,112 | 0,179 | 0,127 | 0,476 | 0,162 | 0,155 | 0,3 |
| 11 | 0 | 0,111 | 0 | 0 | 0 | 0 | 0 | 0 | 0,54 | 0,629 | 0,261 | 0,281 | 0,115 | 0,202 | 0,178 | 0,508 | 0,208 | 0,151 | 0,4 |
| 12 | 0,737 | 0,151 | 0,429 | 0,02 | 0,421 | 0,016 | 0,342 | 0,822 | 0,543 | 0,316 | 0,485 | 0,112 | 0,075 | 0,22 | 0,179 | 0,532 | 0,038 | 0,0 | 0,0 |
| 13 | 0,71 | 0,305 | 0,468 | 0,054 | 0,504 | 0,108 | 0,317 | 0,977 | 0,568 | 0,408 | 0,564 | 0,114 | 0,098 | 0,271 | 0,211 | 0,578 | 0,035 | 0,1 | 0,0 |
| 14 | 0,838 | 0,391 | 0,37 | 1 | 0,095 | 0,609 | 0,227 | 0,908 | 0,623 | 0,777 | 0,689 | 0,254 | 0,091 | 0,285 | 0,277 | 0,602 | 0,052 | 0,0 | 0,0 |
| 15 | 1 | 0,283 | 0,657 | 0,71 | 0,54 | 0,645 | 0,592 | 0,763 | 0,66 | 0,829 | 0,721 | 0,387 | 0,135 | 0,208 | 0,386 | 0,369 | 0,064 | 0,5 | 0,5 |
| 16 | 0,905 | 0,712 | 0,653 | 0,906 | 0,476 | 0,8 | 1 | 1 | 0,736 | 0,733 | 0,802 | 0,388 | 0,122 | 0,281 | 0,48 | 0,576 | 0,088 | 0,2 | 0,2 |
| 17 | 0,516 | 0,238 | 0,266 | 0,224 | 0,201 | 0,186 | 0 | 0,956 | 0,608 | 0,288 | 0,704 | 0,246 | 0,108 | 0,273 | 0,643 | 0,415 | 0,269 | 0,4 | 0,4 |
| 18 | 0,334 | 0,384 | 0,179 | 0,07 | 0,004 | 0,17 | 0 | 0,812 | 0,576 | 0,23 | 0,593 | 0,211 | 0,09 | 0,247 | 0,619 | 0,395 | 0,276 | 0,3 | 0,3 |
| 19 | 0,638 | 0,226 | 0,294 | 0,001 | 1 | 0,001 | 0,14 | 0,83 | 0,503 | 0,23 | 0,386 | 0,037 | 0,037 | 0,208 | 0,019 | 0,418 | 0,014 | 0,1 | 0,1 |
| 20 | 0,193 | 0,012 | 0 | 0 | 0 | 0 | 0 | 0,659 | 0,803 | 0,295 | 0,606 | 0,239 | 0,307 | 0,221 | 0,207 | 0,332 | 0,198 | 0,2 | 0,2 |
| 21 | 0,781 | 1 | 1 | 0,953 | 0,943 | 1 | 0,83 | 0,997 | 1 | 0,277 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0,09 | 0,0 |
| 22 | 0,474 | 0,314 | 0,455 | 0,337 | 0,408 | 0,196 | 0,182 | 0,695 | 0,572 | 0,392 | 0,461 | 0,092 | 0,09 | 0,2 | 0,134 | 0,291 | 0,036 | 0,3 | 0,3 |
| 23 | 0,57 | 0,399 | 0,366 | 0,483 | 0,653 | 0,25 | 0,387 | 0,932 | 0,648 | 0,296 | 0,542 | 0,092 | 0,078 | 0,272 | 0,227 | 0,5 | 0,06 | 0,0 | 0,0 |
| 24 | 0,303 | 0,201 | 0,157 | 0,185 | 0 | 0 | 0 | 0,638 | 0,811 | 0,588 | 0,607 | 0,179 | 0,488 | 0,311 | 0,678 | 0,406 | 1 | 0,3 | 0,3 |
| 25 | 0,352 | 0,204 | 0,024 | 0 | 0 | 0 | 0 | 0,51 | 0,758 | 1 | 0,633 | 0,111 | 0,361 | 0,287 | 0,675 | 0,405 | 0,926 | 0,2 | 0,2 |

| | FP | FQ | FR | FS | FT | FU | FV | FW | FX | FY | FZ | GA | GB | GC | GD | GE | GF | GG | |
|----|--------|--------|-------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----|
| 1 | RDF60m | RDF65m | RDF7m | RDF75m | RDF80m | RDF85m | RDF90m | RDF95m | RDF100m | RDF105m | RDF110m | RDF115m | RDF120m | RDF125m | RDF130m | RDF135m | RDF140m | RDF145m | |
| 2 | 0,007 | 0 | 0,007 | 0 | 0 | 0,037 | 0 | 0 | 0,015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0,027 | 0,067 | 0,067 | 0,332 | 0,032 | 0,1 | 0,418 | 0,114 | 0,344 | 0,417 | 0,013 | 0,204 | 0,043 | 0 | 0,175 | 0,026 | 0 | 0 | 0 |
| 4 | 0,125 | 0,202 | 0,384 | 0,303 | 0,621 | 0 | 0,327 | 0,217 | 0,173 | 0,272 | 0,015 | 0,108 | 0,026 | 0,019 | 0,003 | 0 | 0 | 0 | 0 |
| 5 | 0,183 | 0,487 | 0,631 | 0,271 | 0,592 | 0,015 | 0,312 | 0,206 | 0,28 | 0,355 | 0,058 | 0,548 | 0,035 | 0,019 | 0,003 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0,03 | 0 | 0,033 | 0,349 | 0,083 | 0,127 | 0,091 | 0 | 0,024 | 0,021 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0,006 | 0,085 | 0,024 | 0,067 | 0,346 | 0,101 | 0,326 | 0,272 | 0,21 | 0,036 | 0,024 | 0,061 | 0,027 | 0,001 | 0,002 | 0 | 0 | 0 | 0 |
| 8 | 0,084 | 0,214 | 0,277 | 0,432 | 0,832 | 0,045 | 0,481 | 0,243 | 0,572 | 0,304 | 0,029 | 0,287 | 0,025 | 0,019 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0,149 | 0,24 | 0,242 | 0,505 | 0,822 | 0,143 | 0,662 | 0,199 | 0,588 | 0,711 | 0,112 | 0,304 | 0,048 | 0,019 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0,354 | 0,061 | 0,232 | 0,292 | 0,21 | 0,238 | 0,432 | 0,199 | 0,077 | 0,574 | 0,047 | 0,002 | 0,017 | 0 | 0,005 | 0 | 0 | 0 | 0 |
| 11 | 0,422 | 0,083 | 0,205 | 0,395 | 0,214 | 0,372 | 0,666 | 0,18 | 0,117 | 1 | 0,161 | 0,004 | 0,041 | 0 | 0,005 | 0 | 0 | 0 | 0 |
| 12 | 0,048 | 0,813 | 0,516 | 0,516 | 0,586 | 0,094 | 0,896 | 0,199 | 0,708 | 0,475 | 0,092 | 0,788 | 0,056 | 0,828 | 0,076 | 0,105 | 0,039 | 0,1 | 0,1 |
| 13 | 0,119 | 0,831 | 0,494 | 0,652 | 0,587 | 0,282 | 0,892 | 0,168 | 0,72 | 0,482 | 0,177 | 0,839 | 0,032 | 0,848 | 0,176 | 0,404 | 0,041 | 0,2 | 0,2 |
| 14 | 0,21 | 0,86 | 0,532 | 0,604 | 0,601 | 0,392 | 0,93 | 0,17 | 0,723 | 0,525 | 0,318 | 0,894 | 0,033 | 1 | 0,223 | 0,543 | 0,25 | 0,0 | 0,0 |
| 15 | 0,547 | 0,468 | 0,091 | 0,421 | 0,664 | 0,869 | 0,483 | 0,166 | 0,288 | 0,316 | 1 | 0,431 | 0,379 | 0,702 | 0,785 | 0,823 | 0,566 | 0,7 | 0,7 |
| 16 | 0,276 | 0,433 | 0,063 | 0,645 | 0,16 | 0,453 | 0,533 | 0,101 | 0,712 | 0,517 | 0,5 | 0,851 | 0,583 | 0,814 | 0,875 | 0,568 | 0,675 | 0,2 | 0,2 |
| 17 | 0,451 | 0,26 | 0,475 | 0,673 | 0,168 | 0,271 | 0,843 | 0,334 | 0,693 | 0,573 | 0,673 | 0,649 | 0,26 | 0,522 | 0,141 | 0,087 | 0,023 | 0,0 | 0,0 |
| 18 | 0,318 | 0,24 | 0,474 | 0,632 | 0,173 | 0,012 | 0,864 | 0,241 | 0,669 | 0,584 | 0,489 | 0,379 | 0,197 | 0,24 | 0,169 | 0,046 | 0,01 | 0,0 | 0,0 |
| 19 | 0,173 | 0,172 | 0,059 | 0,503 | 0,038 | 0,358 | 0,388 | 0,114 | 0,571 | 0,406 | 0,334 | 0,368 | 0,043 | 0,326 | 0,155 | 0,402 | 0,001 | 0,2 | 0,2 |
| 20 | 0,251 | 0,378 | 0,323 | 0,253 | 1 | 0,216 | 0,624 | 0,281 | 0,326 | 0,587 | 0,11 | 0,282 | 0,052 | 0,025 | 0,001 | 0 | 0 | 0 | 0 |
| 21 | 1 | 1 | 0,22 | 1 | 0,731 | 1 | 1 | 1 | 1 | 0,731 | 0,765 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 22 | 0,322 | 0,404 | 0,135 | 0,344 | 0,589 | 0,52 | 0,482 | 0,199 | 0,258 | 0,293 | 0,784 | 0,422 | 0,338 | 0,43 | 0,716 | 0,605 | 0,154 | 0,0 | 0,0 |
| 23 | 0,054 | 0,371 | 0,114 | 0,564 | 0,11 | 0,128 | 0,548 | 0,136 | 0,667 | 0,507 | 0,132 | 0,853 | 0,607 | 0,554 | 0,771 | 0,195 | 0,27 | 0,3 | 0,3 |
| 24 | 0,17 | 0,517 | 1 | 0,294 | 0,726 | 0,109 | 0,526 | 0,798 | 0,529 | 0,465 | 0,236 | 0,602 | 0,392 | 0,031 | 0,03 | 0,004 | 0,002 | 0,0 | 0,0 |
| 25 | 0,281 | 0,348 | 0,939 | 0,361 | 0,62 | 0,1 | 0,719 | 0,842 | 0,61 | 0,404 | 0,234 | 0,434 | 0,336 | 0,041 | 0,07 | 0,001 | 0 | 0 | 0 |

| | GG | GH | GI | GJ | GK | GL | GM | GN | GO | GP | GQ | GR | GS | GT | GU | GV | GW | GX | |
|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----|
| 1 | RDF145m | RDF150m | RDF155m | RDF160m | RDF165m | RDF170m | RDF175m | RDF180m | RDF185m | RDF190m | RDF195m | RDF200m | RDF205m | RDF210m | RDF215m | RDF220m | RDF225m | RDF230m | |
| 2 | 0 | 0 | 0 | 0,12 | 0 | 0 | 0 | 0 | 0,03 | 0 | 0 | 0 | 0,012 | 0,014 | 0,017 | 0,032 | 0 | 0,032 | 0 |
| 3 | 0 | 0 | 0 | 0,439 | 0,341 | 0,197 | 0,26 | 0,025 | 0,069 | 0,281 | 0,014 | 0,363 | 0,012 | 0,024 | 0,187 | 0,156 | 0,457 | 0,0 | 0,0 |
| 4 | 0 | 0 | 0 | 0,523 | 0,464 | 0,148 | 0,334 | 0,31 | 0,657 | 0,667 | 0,517 | 0,276 | 0,341 | 0,318 | 0,36 | 0,445 | 0,275 | 0,7 | 0,7 |
| 5 | 0 | 0 | 0 | 0,523 | 0,692 | 0,292 | 0,533 | 0,293 | 0,78 | 0,549 | 0,281 | 0,367 | 0,811 | 0,445 | 0,545 | 0,733 | 0,298 | 0,7 | 0,7 |
| 6 | 0 | 0 | 0 | 0 | 0,021 | 0,186 | 0,01 | 0 | 0,006 | 0,025 | 0,027 | 0,035 | 0 | 0 | 0,047 | 0 | 0,031 | 0,2 | 0,2 |
| 7 | 0 | 0 | 0 | 0,061 | 0,053 | 0,439 | 0,09 | 0,127 | 0 | 0,191 | 0,043 | 0,11 | 0,015 | 0,045 | 0,137 | 0,139 | 0,084 | 0,3 | 0,3 |
| 8 | 0 | 0 | 0 | 0,338 | 0,55 | 0,516 | 0,443 | 0,185 | 0,368 | 0,34 | 0,231 | 0,431 | 0,145 | 0,187 | 0,258 | 0,304 | 0,335 | 0,7 | 0,7 |
| 9 | 0 | 0 | 0 | 0,371 | 0,569 | 0,684 | 0,507 | 0,188 | 0,346 | 0,42 | 0,3 | 0,484 | 0,149 | 0,2 | 0,284 | 0,245 | 0,367 | 0,7 | 0,7 |
| 10 | 0 | 0 | 0 | 0,341 | 0,565 | 0,199 | 0,247 | 0,272 | 0,187 | 0,237 | 0,349 | 0,233 | 0,125 | 0,457 | 0,099 | 0,338 | 0,314 | 0,1 | 0,1 |
| 11 | 0 | 0 | 0 | 0,374 | 0,584 | 0,368 | 0,311 | 0,274 | 0,165 | 0,317 | 0,418 | 0,286 | 0,129 | 0,474 | 0,124 | 0,292 | 0,353 | 0,1 | 0,1 |
| 12 | 0,128 | 0,004 | 0,004 | 0,719 | 0,54 | 0,537 | 0,544 | 0,131 | 0,285 | 0,515 | 0,202 | 0,648 | 0,059 | 0,133 | 0,719 | 0,463 | 0,612 | 0,6 | 0,6 |
| 13 | 0,209 | 0,005 | 0,004 | 0,751 | 0,559 | 0,705 | 0,608 | 0,133 | 0,263 | 0,594 | 0,27 | 0,702 | 0,063 | 0,15 | 0,744 | 0,421 | 0,659 | 0,0 | 0,0 |
| 14 | 0,509 | 0,4 | 0,032 | 0,811 | 0,595 | 0,974 | 0,732 | 0,352 | 0,256 | 0,684 | 0,344 | 0,734 | 0,118 | 0,213 | 0,837 | 0,557 | 0,671 | 0,0 | 0,0 |
| 15 | 0,731 | 0,391 | 0,295 | 0,756 | 0,659 | 0,833 | 0,772 | 0,395 | 0,325 | 0,433 | 0,488 | 0,428 | 0,16 | 0,445 | 0,434 | 0,218 | 0,388 | 0,6 | 0,6 |
| | | | | | | | | | | | | | | | | | | | |

| | GX | GY | GZ | HA | HB | HC | HD | HE | HF | HG | HH | HI | HJ | HK | HL | HM | HN | HO |
|----|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | RDF80v | RDF85v | RDF90v | RDF95v | RDF100v | RDF105v | RDF110v | RDF115v | RDF120v | RDF125v | RDF130v | RDF135v | RDF140v | RDF145v | RDF150v | RDF155v | RDF160v | RDF165v |
| 2 | 0 | 0 | 0 | 0 | 0,025 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0,345 |
| 3 | 0,026 | 0,194 | 0,509 | 0,28 | 0,468 | 0,439 | 0,037 | 0,228 | 0,106 | 0 | 0,194 | 0,052 | 0 | 0 | 0 | 0 | 0,559 | 0,3 |
| 4 | 0,771 | 0,155 | 0,362 | 0,433 | 0,178 | 0,248 | 0,054 | 0,054 | 0,086 | 0,034 | 0,016 | 0 | 0 | 0 | 0 | 0 | 0,554 | 0 |
| 5 | 0,743 | 0,325 | 0,375 | 0,522 | 0,312 | 0,36 | 0,172 | 0,284 | 0,067 | 0,041 | 0,014 | 0 | 0 | 0 | 0 | 0 | 0,555 | 0 |
| 6 | 0,275 | 0,104 | 0,178 | 0,221 | 0 | 0,042 | 0,051 | 0,003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0,068 | 0,0 |
| 7 | 0,306 | 0,15 | 0,378 | 0,296 | 0,149 | 0,062 | 0,036 | 0,108 | 0,07 | 0,011 | 0,013 | 0 | 0 | 0 | 0 | 0 | 0 | 0,0 |
| 8 | 0,749 | 0,227 | 0,369 | 0,634 | 0,365 | 0,37 | 0,065 | 0,145 | 0,032 | 0,047 | 0,002 | 0 | 0 | 0 | 0 | 0 | 0,382 | 0,6 |
| 9 | 0,747 | 0,266 | 0,474 | 0,517 | 0,378 | 0,592 | 0,088 | 0,182 | 0,073 | 0,047 | 0,001 | 0 | 0 | 0 | 0 | 0 | 0,538 | 0,7 |
| 10 | 0,182 | 0,383 | 0,339 | 0,501 | 0,119 | 0,384 | 0,089 | 0,02 | 0,05 | 0 | 0,027 | 0 | 0 | 0 | 0 | 0 | 0,386 | 0,6 |
| 11 | 0,186 | 0,433 | 0,473 | 0,457 | 0,184 | 0,618 | 0,199 | 0,033 | 0,1 | 0 | 0,027 | 0 | 0 | 0 | 0 | 0 | 0,54 | 0,6 |
| 12 | 0,607 | 0,205 | 0,899 | 0,515 | 0,729 | 0,583 | 0,201 | 0,704 | 0,151 | 0,832 | 0,078 | 0,321 | 0,026 | 0,244 | 0,007 | 0,062 | 0,822 | 0,5 |
| 13 | 0,61 | 0,271 | 0,901 | 0,435 | 0,747 | 0,596 | 0,215 | 0,775 | 0,089 | 0,826 | 0,19 | 0,45 | 0,047 | 0,301 | 0,022 | 0,057 | 0,977 | 0,5 |
| 14 | 0,65 | 0,389 | 1 | 0,419 | 0,762 | 0,704 | 0,297 | 0,89 | 0,117 | 1 | 0,272 | 0,488 | 0,546 | 0,058 | 0,548 | 0,152 | 0,908 | 0,6 |
| 15 | 0,619 | 0,9 | 0,674 | 0,269 | 0,36 | 0,564 | 1 | 0,557 | 0,492 | 0,778 | 0,518 | 0,758 | 0,758 | 0,506 | 0,478 | 0,439 | 0,763 | 0,0 |
| 16 | 0,248 | 0,386 | 0,67 | 0,278 | 0,838 | 0,645 | 0,442 | 0,902 | 0,568 | 0,872 | 0,756 | 0,558 | 1 | 0,398 | 0,568 | 0,782 | 1 | 0,7 |
| 17 | 0,229 | 0,139 | 0,892 | 0,651 | 0,693 | 0,726 | 0,545 | 0,492 | 0,367 | 0,381 | 0,183 | 0,193 | 0,099 | 0,049 | 0,031 | 0 | 0,951 | 0,6 |
| 18 | 0,233 | 0,027 | 0,911 | 0,511 | 0,717 | 0,704 | 0,504 | 0,373 | 0,279 | 0,188 | 0,245 | 0,106 | 0,041 | 0,002 | 0,028 | 0 | 0,806 | 0,5 |
| 19 | 0,03 | 0,246 | 0,495 | 0,288 | 0,788 | 0,45 | 0,247 | 0,363 | 0,149 | 0,505 | 0,144 | 0,335 | 0,001 | 0,408 | 0,001 | 0,025 | 0,083 | 0,5 |
| 20 | 1 | 0,333 | 0,574 | 0,674 | 0,426 | 0,498 | 0,088 | 0,167 | 0,134 | 0,055 | 0,003 | 0 | 0 | 0 | 0 | 0 | 0,66 | 0,8 |
| 21 | 0,739 | 1 | 0,971 | 1 | 1 | 1 | 0,713 | 1 | 1 | 0,843 | 1 | 1 | 0,993 | 1 | 1 | 1 | 0,952 | 0 |
| 22 | 0,461 | 0,751 | 0,591 | 0,396 | 0,335 | 0,52 | 0,841 | 0,483 | 0,478 | 0,517 | 0,496 | 0,547 | 0,27 | 0,337 | 0,2 | 0,249 | 0,695 | 0,5 |
| 23 | 0,114 | 0,234 | 0,602 | 0,378 | 0,759 | 0,585 | 0,207 | 0,809 | 0,612 | 0,677 | 0,595 | 0,308 | 0,449 | 0,565 | 0,22 | 0,382 | 0,931 | 0,6 |
| 24 | 0,885 | 0,312 | 0,545 | 0,661 | 0,542 | 0,636 | 0,289 | 0,471 | 0,456 | 0,087 | 0,078 | 0,037 | 0,029 | 0 | 0 | 0 | 0,64 | 0 |
| 25 | 0,711 | 0,188 | 0,67 | 0,722 | 0,507 | 0,469 | 0,234 | 0,339 | 0,312 | 0,102 | 0,088 | 0,006 | 0 | 0 | 0 | 0 | 0,511 | 0,7 |

| | HO | HP | HQ | HR | HS | HT | HU | HV | HW | HX | HY | HZ | IA | IB | IC | ID | IE | IF |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 1 | RDF15e | RDF20e | RDF25e | RDF30e | RDF35e | RDF40e | RDF45e | RDF50e | RDF55e | RDF60e | RDF65e | RDF70e | RDF75e | RDF80e | RDF85e | RDF90e | RDF95e | RDF100e |
| 2 | 0 | 0 | 0,049 | 0,006 | 0,065 | 0 | 0 | 0 | 0,013 | 0,018 | 0 | 0,109 | 0 | 0 | 0 | 0 | 0 | 0,0 |
| 3 | 0,357 | 0,144 | 0,49 | 0,167 | 0,107 | 0,305 | 0,185 | 0,345 | 0,014 | 0 | 0,286 | 0,225 | 0,514 | 0,01 | 0,34 | 0,648 | 0,266 | 0,6 |
| 4 | 0,53 | 0,134 | 0,444 | 0,394 | 0,864 | 0,859 | 0,734 | 0,406 | 0,535 | 0,562 | 0,393 | 0,371 | 0,198 | 0,965 | 0,272 | 0,614 | 0,61 | 0,1 |
| 5 | 0,74 | 0,267 | 0,53 | 0,504 | 0,863 | 0,76 | 0,249 | 0,474 | 0,608 | 0,792 | 0,305 | 0,566 | 0,302 | 0,8 | 0,524 | 0,319 | 0,814 | 0,4 |
| 6 | 0,041 | 0,294 | 0 | 0 | 0,037 | 0,053 | 0,102 | 0,06 | 0 | 0,078 | 0,106 | 0 | 0,101 | 0,124 | 0,09 | 0,309 | 0,214 | 0 |
| 7 | 0,092 | 0,62 | 0,077 | 0,131 | 0 | 0,236 | 0,246 | 0,143 | 0,018 | 0,278 | 0,217 | 0,185 | 0,152 | 0,297 | 0,215 | 0,417 | 0,255 | 0,2 |
| 8 | 0,679 | 0,482 | 0,463 | 0,332 | 0,562 | 0,525 | 0,314 | 0,543 | 0,2 | 0,317 | 0,272 | 0,324 | 0,295 | 0,481 | 0,476 | 0,553 | 0,71 | 0,3 |
| 9 | 0,705 | 0,563 | 0,533 | 0,334 | 0,561 | 0,599 | 0,448 | 0,594 | 0,234 | 0,308 | 0,316 | 0,265 | 0,331 | 0,487 | 0,526 | 0,748 | 0,569 | 0,3 |
| 10 | 0,603 | 0,173 | 0,299 | 0,45 | 0,2 | 0,433 | 0,3 | 0,327 | 0,151 | 0,406 | 0,205 | 0,343 | 0,268 | 0,153 | 0,428 | 0,361 | 0,531 | 0,1 |
| 11 | 0,629 | 0,255 | 0,369 | 0,452 | 0,2 | 0,508 | 0,434 | 0,379 | 0,185 | 0,404 | 0,256 | 0,303 | 0,314 | 0,153 | 0,492 | 0,587 | 0,49 | 0,3 |
| 12 | 0,542 | 0,365 | 0,434 | 0,158 | 0,355 | 0,494 | 0,297 | 0,789 | 0,114 | 0,349 | 0,665 | 0,342 | 0,567 | 0,537 | 0,369 | 0,732 | 0,562 | 0,4 |
| 13 | 0,568 | 0,446 | 0,504 | 0,16 | 0,354 | 0,569 | 0,43 | 0,843 | 0,149 | 0,35 | 0,728 | 0,304 | 0,622 | 0,539 | 0,43 | 0,755 | 0,472 | 0,5 |
| 14 | 0,623 | 0,781 | 0,621 | 0,384 | 0,284 | 0,686 | 0,545 | 0,881 | 0,235 | 0,409 | 0,871 | 0,451 | 0,599 | 0,614 | 0,643 | 1 | 0,397 | 0,6 |
| 15 | 0,66 | 0,76 | 0,722 | 0,492 | 0,471 | 0,484 | 0,6 | 0,43 | 0,276 | 0,357 | 0,767 | 0,503 | 0,31 | 0,56 | 0,924 | 0,901 | 0,272 | 0,3 |
| 16 | 0,736 | 0,677 | 0,849 | 0,518 | 0,467 | 0,576 | 0,619 | 0,712 | 0,283 | 0,188 | 0,651 | 0,433 | 0,592 | 0,535 | 0,508 | 0,8 | 0,374 | 0,7 |
| 17 | 0,608 | 0,395 | 0,509 | 0,228 | 0,515 | 0,476 | 0,334 | 0,576 | 0,609 | 0,705 | 0,386 | 0,599 | 0,301 | 0,446 | 0,247 | 0,695 | 0,964 | 0 |
| 18 | 0,576 | 0,325 | 0,47 | 0,2 | 0,479 | 0,47 | 0,427 | 0,591 | 0,605 | 0,664 | 0,34 | 0,531 | 0,278 | 0,459 | 0,065 | 0,731 | 0,704 | 0,5 |
| 19 | 0,503 | 0,246 | 0,721 | 0,283 | 0,144 | 0,357 | 0,304 | 0,552 | 0,01 | 0,19 | 0,464 | 0,152 | 0,712 | 0,014 | 0,297 | 0,601 | 0,398 | 0 |
| 20 | 0,803 | 0,305 | 0,679 | 0,608 | 0,812 | 0,664 | 0,429 | 0,583 | 0,222 | 0,531 | 0,391 | 0,555 | 0,261 | 1 | 0,671 | 0,692 | 0,883 | 0 |
| 21 | 1 | 0,265 | 1 | 1 | 0,87 | 0,783 | 1 | 1 | 0,363 | 0,842 | 1 | 1 | 1 | 0,847 | 1 | 0,956 | 1 | 0,9 |
| 22 | 0,573 | 0,358 | 0,54 | 0,197 | 0,405 | 0,483 | 0,338 | 0,388 | 0,089 | 0,286 | 0,503 | 0,544 | 0,293 | 0,203 | 0,663 | 0,791 | 0,444 | 0,3 |
| 23 | 0,648 | 0,275 | 0,666 | 0,222 | 0,4 | 0,574 | 0,356 | 0,671 | 0,098 | 0,12 | 0,391 | 0,479 | 0,575 | 0,209 | 0,33 | 0,657 | 0,507 | 0,6 |
| 24 | 0,81 | 0,649 | 0,581 | 0,593 | 1 | 1 | 0,443 | 0,589 | 1 | 1 | 0,456 | 0,594 | 0,379 | 0,96 | 0,485 | 0,645 | 0,658 | 0 |
| 25 | 0,758 | 1 | 0,533 | 0,272 | 0,523 | 0,738 | 0,472 | 0,554 | 0,929 | 0,823 | 0,399 | 0,641 | 0,365 | 0,693 | 0,272 | 0,849 | 0,698 | 0,5 |

| | IF | IG | IH | II | IJ | IK | IL | IM | IN | IO | IP | IQ | IR | IS | IT | IU | IV | IW | |
|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----|
| 1 | RDF100e | RDF105e | RDF110e | RDF115e | RDF120e | RDF125e | RDF130e | RDF135e | RDF140e | RDF145e | RDF150e | RDF155e | RDF160e | RDF165e | RDF170e | RDF175e | RDF180e | RDF185e | |
| 2 | 0,084 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0,075 | 0 | 0 | 0,002 | 0 | 0 | 0,0 | |
| 3 | 0,601 | 0,237 | 0,102 | 0,353 | 0,149 | 0 | 0,404 | 0,121 | 0 | 0 | 0 | 0 | 0,408 | 0,339 | 0,222 | 0,333 | 0,065 | 0 | |
| 4 | 0,187 | 0,328 | 0,144 | 0,061 | 0,236 | 0,119 | 0,062 | 0 | 0 | 0 | 0 | 0 | 0,51 | 0,448 | 0,163 | 0,38 | 0,433 | 0,7 | |
| 5 | 0,451 | 0,567 | 0,324 | 0,367 | 0,186 | 0,169 | 0,057 | 0 | 0 | 0 | 0 | 0 | 0,511 | 0,683 | 0,377 | 0,58 | 0,439 | 0,8 | |
| 6 | 0 | 0,113 | 0,089 | 0,016 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0,011 | 0,04 | 0 | 0 | 0,0 | |
| 7 | 0,204 | 0,17 | 0,103 | 0,189 | 0,119 | 0,065 | 0,051 | 0 | 0 | 0 | 0 | 0 | 0,11 | 0,035 | 0,162 | 0,081 | 0,176 | 0 | |
| 8 | 0,304 | 0,721 | 0,127 | 0,199 | 0,084 | 0,209 | 0,008 | 0 | 0 | 0 | 0 | 0 | 0 | 0,33 | 0,507 | 0,452 | 0,458 | 0,269 | 0 |
| 9 | 0,325 | 0,768 | 0,137 | 0,355 | 0,219 | 0,203 | 0,005 | 0 | 0 | 0 | 0 | 0 | 0 | 0,312 | 0,522 | 0,657 | 0,505 | 0,272 | 0,3 |
| 10 | 0,151 | 0,421 | 0,169 | 0,118 | 0,107 | 0 | 0,105 | 0 | 0 | 0 | 0 | 0 | 0 | 0,333 | 0,558 | 0,212 | 0,288 | 0,405 | 0,1 |
| 11 | 0,381 | 0,516 | 0,37 | 0,194 | 0,277 | 0 | 0,105 | 0 | 0 | 0 | 0 | 0 | 0 | 0,315 | 0,574 | 0,417 | 0,334 | 0,407 | 0,1 |
| 12 | 0,497 | 0,641 | 0,303 | 0,542 | 0,281 | 0,759 | 0,184 | 0,385 | 0,025 | 0,413 | 0,02 | 0,297 | 0,679 | 0,543 | 0,656 | 0,579 | 0,155 | 0,3 | |
| 13 | 0,567 | 0,659 | 0,313 | 0,639 | 0,179 | 0,74 | 0,376 | 0,445 | 0,057 | 0,544 | 0,1 | 0,275 | 0,661 | 0,558 | 0,86 | 0,625 | 0,157 | 0,3 | |
| 14 | 0,601 | 0,982 | 0,39 | 0,944 | 0,352 | 0,862 | 0,462 | 0,364 | 0,923 | 0,122 | 0,564 | 0,209 | 0,769 | 0,586 | 1 | 0,741 | 0,442 | 0,3 | |
| 15 | 0,395 | 0,776 | 0,917 | 0,732 | 0,507 | 1 | 0,291 | 0,618 | 0,702 | 0,559 | 0,634 | 0,669 | 0,741 | 0,654 | 0,694 | 0,786 | 0,429 | 0 | |
| 16 | 0,772 | 0,534 | 0,573 | 0,919 | 0,529 | 0,905 | 0,711 | 0,65 | 0,883 | 0,475 | 0,798 | 1 | 0,882 | 0,716 | 0,832 | 0,919 | 0,438 | 0,3 | |
| 17 | 0,51 | 0,767 | 0,583 | 0,429 | 0,464 | 0,564 | 0,272 | 0,278 | 0,206 | 0,191 | 0,162 | 0 | 0,639 | 0,603 | 0,789 | 0,699 | 0,27 | 0,4 | |
| 18 | 0,578 | 0,54 | 0,588 | 0,343 | | | | | | | | | | | | | | | |

| | IW | IX | IY | IZ | JA | JB | JC | JD | JE | JF | JG | JH | JI | JJ | JK | JL | JM | JN |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|
| 1 | RDF35p | RDF40p | RDF45p | RDF50p | RDF55p | RDF60p | RDF65p | RDF70p | RDF75p | RDF80p | RDF85p | RDF90p | RDF95p | RDF100p | RDF105p | RDF110p | RDF115p | RDF120p |
| 2 | 0,042 | 0 | 0 | 0 | 0,012 | 0,008 | 0 | 0,062 | 0 | 0 | 0 | 0 | 0 | 0,023 | 0 | 0 | 0 | 0 |
| 3 | 0,09 | 0,374 | 0,04 | 0,409 | 0,012 | 0,009 | 0,254 | 0,217 | 0,52 | 0,022 | 0,267 | 0,549 | 0,32 | 0,53 | 0,383 | 0,056 | 0,259 | 0,1 |
| 4 | 0,725 | 0,866 | 0,604 | 0,335 | 0,394 | 0,438 | 0,44 | 0,488 | 0,262 | 0,84 | 0,238 | 0,382 | 0,49 | 0,164 | 0,207 | 0,082 | 0,034 | 0,1 |
| 5 | 0,857 | 0,754 | 0,224 | 0,418 | 0,732 | 0,608 | 0,549 | 0,793 | 0,317 | 0,793 | 0,489 | 0,372 | 0,638 | 0,34 | 0,354 | 0,239 | 0,191 | 0,0 |
| 6 | 0,011 | 0,022 | 0,048 | 0,035 | 0 | 0 | 0,065 | 0 | 0,038 | 0,233 | 0,126 | 0,203 | 0,251 | 0 | 0,035 | 0,065 | 0,005 | 0,008 |
| 7 | 0 | 0,256 | 0,095 | 0,125 | 0,022 | 0,087 | 0,173 | 0,201 | 0,098 | 0,293 | 0,195 | 0,405 | 0,29 | 0,126 | 0,053 | 0,032 | 0,138 | 0,0 |
| 8 | 0,41 | 0,416 | 0,265 | 0,48 | 0,145 | 0,247 | 0,288 | 0,336 | 0,304 | 0,689 | 0,328 | 0,323 | 0,753 | 0,277 | 0,37 | 0,079 | 0,106 | 0,0 |
| 9 | 0,375 | 0,51 | 0,342 | 0,53 | 0,156 | 0,237 | 0,308 | 0,265 | 0,326 | 0,69 | 0,335 | 0,407 | 0,612 | 0,287 | 0,468 | 0,087 | 0,154 | 0,0 |
| 10 | 0,172 | 0,28 | 0,289 | 0,27 | 0,108 | 0,509 | 0,136 | 0,406 | 0,323 | 0,17 | 0,445 | 0,299 | 0,588 | 0,139 | 0,271 | 0,11 | 0,039 | 0,0 |
| 11 | 0,138 | 0,375 | 0,366 | 0,321 | 0,119 | 0,503 | 0,156 | 0,352 | 0,348 | 0,173 | 0,466 | 0,396 | 0,537 | 0,212 | 0,379 | 0,224 | 0,064 | 0,1 |
| 12 | 0,358 | 0,665 | 0,235 | 0,706 | 0,077 | 0,188 | 0,69 | 0,456 | 0,653 | 0,6 | 0,288 | 0,859 | 0,608 | 0,707 | 0,563 | 0,261 | 0,673 | 0,2 |
| 13 | 0,323 | 0,76 | 0,312 | 0,758 | 0,089 | 0,183 | 0,713 | 0,406 | 0,68 | 0,602 | 0,312 | 0,867 | 0,513 | 0,724 | 0,572 | 0,251 | 0,756 | 0,1 |
| 14 | 0,305 | 0,886 | 0,407 | 0,799 | 0,162 | 0,239 | 0,842 | 0,59 | 0,702 | 0,655 | 0,448 | 1 | 0,48 | 0,75 | 0,712 | 0,314 | 0,92 | 0,1 |
| 15 | 0,4 | 0,514 | 0,537 | 0,442 | 0,214 | 0,409 | 0,47 | 0,249 | 0,364 | 0,598 | 0,934 | 0,755 | 0,302 | 0,385 | 0,61 | 1 | 0,639 | 0,5 |
| 16 | 0,392 | 0,74 | 0,578 | 0,798 | 0,233 | 0,159 | 0,492 | 0,256 | 0,73 | 0,312 | 0,398 | 0,72 | 0,344 | 0,873 | 0,618 | 0,418 | 0,947 | 0,0 |
| 17 | 0,436 | 0,619 | 0,715 | 0,609 | 0,398 | 0,501 | 0,369 | 0,726 | 0,554 | 0,276 | 0,112 | 0,87 | 0,751 | 0,668 | 0,728 | 0,525 | 0,441 | 0,4 |
| 18 | 0,454 | 0,612 | 0,635 | 0,605 | 0,398 | 0,483 | 0,351 | 0,625 | 0,538 | 0,281 | 0,05 | 0,886 | 0,621 | 0,716 | 0,685 | 0,539 | 0,377 | 0,3 |
| 19 | 0,073 | 0,475 | 0,124 | 0,571 | 0,01 | 0,08 | 0,388 | 0,094 | 0,713 | 0,026 | 0,231 | 0,538 | 0,347 | 0,886 | 0,411 | 0,211 | 0,371 | 0,2 |
| 20 | 0,665 | 0,605 | 0,344 | 0,497 | 0,159 | 0,33 | 0,493 | 0,633 | 0,275 | 1 | 0,404 | 0,556 | 0,793 | 0,469 | 0,403 | 0,082 | 0,144 | 0,1 |
| 21 | 0,872 | 1 | 1 | 1 | 0,271 | 1 | 1 | 0,896 | 1 | 0,755 | 1 | 0,963 | 1 | 1 | 1 | 0,711 | 1 | 1 |
| 22 | 0,389 | 0,529 | 0,204 | 0,36 | 0,063 | 0,352 | 0,296 | 0,305 | 0,322 | 0,389 | 0,837 | 0,637 | 0,454 | 0,366 | 0,578 | 0,864 | 0,513 | 0,5 |
| 23 | 0,381 | 0,753 | 0,243 | 0,717 | 0,083 | 0,104 | 0,321 | 0,316 | 0,683 | 0,128 | 0,303 | 0,612 | 0,468 | 0,778 | 0,54 | 0,251 | 0,787 | 0,0 |
| 24 | 1 | 0,91 | 0,487 | 0,579 | 1 | 0,758 | 0,616 | 1 | 0,366 | 0,939 | 0,427 | 0,534 | 0,627 | 0,558 | 0,705 | 0,331 | 0,471 | 0,4 |
| 25 | 0,484 | 0,606 | 0,5 | 0,58 | 0,933 | 0,632 | 0,407 | 0,92 | 0,359 | 0,733 | 0,241 | 0,625 | 0,669 | 0,458 | 0,464 | 0,253 | 0,358 | 0,3 |

| | JN | JO | JP | JQ | JR | JS | JT | JU | JV | JW | JX | JY | JZ | KA | KB | KC | KD | KE |
|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | RDF120p | RDF125p | RDF130p | RDF135p | RDF140p | RDF145p | RDF150p | RDF155p | RDF160p | RDF165p | RDF170p | RDF175p | RDF180p | RDF185p | RDF190p | RDF195p | RDF200p | RDF205p |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0,372 | 0 | 0 | 0,067 | 0,007 | 0,073 | 0 | 0 | 0 | 0,0 |
| 3 | 0,134 | 0 | 0,172 | 0,058 | 0 | 0 | 0 | 0 | 0,558 | 0,368 | 0,164 | 0,624 | 0,259 | 0,113 | 0,293 | 0,238 | 0,362 | 0,0 |
| 4 | 0,129 | 0,034 | 0,025 | 0 | 0 | 0 | 0 | 0 | 0,528 | 0,559 | 0,16 | 0,524 | 0,505 | 0,922 | 0,848 | 0,75 | 0,474 | 0,0 |
| 5 | 0,079 | 0,05 | 0,023 | 0 | 0 | 0 | 0 | 0 | 0,528 | 0,767 | 0,322 | 0,599 | 0,679 | 0,859 | 0,788 | 0,19 | 0,534 | 0,5 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0,043 | 0,034 | 0,264 | 0 | 0 | 0,045 | 0,03 | 0,126 | 0,058 | 0 |
| 7 | 0,092 | 0,022 | 0,021 | 0 | 0 | 0 | 0 | 0 | 0 | 0,08 | 0,561 | 0,081 | 0,149 | 0 | 0,204 | 0,322 | 0,144 | 0,0 |
| 8 | 0,028 | 0,064 | 0,003 | 0 | 0 | 0 | 0 | 0 | 0,357 | 0,691 | 0,492 | 0,485 | 0,443 | 0,59 | 0,541 | 0,341 | 0,582 | 0,0 |
| 9 | 0,075 | 0,062 | 0,002 | 0 | 0 | 0 | 0 | 0 | 0,487 | 0,715 | 0,575 | 0,528 | 0,444 | 0,599 | 0,608 | 0,465 | 0,619 | 0,2 |
| 10 | 0,07 | 0 | 0,043 | 0 | 0 | 0 | 0 | 0 | 0,36 | 0,625 | 0,204 | 0,362 | 0,563 | 0,201 | 0,427 | 0,241 | 0,36 | 0,1 |
| 11 | 0,136 | 0 | 0,043 | 0 | 0 | 0 | 0 | 0 | 0,489 | 0,649 | 0,287 | 0,405 | 0,565 | 0,21 | 0,495 | 0,364 | 0,398 | 0,1 |
| 12 | 0,204 | 0,838 | 0,067 | 0,436 | 0,016 | 0,296 | 0,007 | 0,153 | 0,822 | 0,553 | 0,413 | 0,458 | 0,19 | 0,353 | 0,465 | 0,322 | 0,842 | 0,0 |
| 13 | 0,123 | 0,817 | 0,163 | 0,496 | 0,044 | 0,324 | 0,038 | 0,142 | 0,952 | 0,577 | 0,497 | 0,501 | 0,192 | 0,362 | 0,533 | 0,444 | 0,882 | 0,1 |
| 14 | 0,181 | 1 | 0,253 | 0,476 | 0,663 | 0,047 | 0,614 | 0,255 | 0,907 | 0,627 | 0,803 | 0,601 | 0,435 | 0,274 | 0,643 | 0,597 | 0,443 | 0,2 |
| 15 | 0,544 | 0,858 | 0,435 | 0,757 | 0,737 | 0,487 | 0,539 | 0,508 | 0,738 | 0,642 | 0,717 | 0,714 | 0,514 | 0,497 | 0,42 | 0,603 | 0,943 | 0,2 |
| 16 | 0,58 | 0,923 | 0,728 | 0,565 | 1 | 0,445 | 0,572 | 1 | 1 | 0,739 | 0,674 | 0,88 | 0,553 | 0,494 | 0,542 | 0,623 | 0,76 | 0,0 |
| 17 | 0,404 | 0,348 | 0,177 | 0,222 | 0,136 | 0,079 | 0,063 | 0 | 0,927 | 0,616 | 0,446 | 0,47 | 0,225 | 0,544 | 0,461 | 0,601 | 0,671 | 0,0 |
| 18 | 0,317 | 0,188 | 0,257 | 0,129 | 0,053 | 0,002 | 0,058 | 0 | 0,806 | 0,586 | 0,367 | 0,473 | 0,202 | 0,49 | 0,458 | 0,36 | 0,633 | 0,7 |
| 19 | 0,226 | 0,601 | 0,107 | 0,307 | 0,001 | 0,517 | 0,001 | 0,063 | 0,805 | 0,512 | 0,276 | 0,863 | 0,419 | 0,168 | 0,335 | 0,358 | 0,596 | 0,0 |
| 20 | 0,182 | 0,066 | 0,005 | 0 | 0 | 0 | 0 | 0 | 0,61 | 0,827 | 0,344 | 0,724 | 0,775 | 0,838 | 0,68 | 0,448 | 0,628 | 0,2 |
| 21 | 1 | 0,881 | 1 | 1 | 0,849 | 1 | 1 | 0,993 | 0,974 | 1 | 0,293 | 1 | 1 | 0,743 | 0,676 | 1 | 1 | 0,0 |
| 22 | 0,543 | 0,563 | 0,429 | 0,54 | 0,294 | 0,354 | 0,178 | 0,209 | 0,669 | 0,561 | 0,341 | 0,589 | 0,246 | 0,411 | 0,423 | 0,334 | 0,407 | 0,0 |
| 23 | 0,63 | 0,734 | 0,535 | 0,358 | 0,473 | 0,633 | 0,222 | 0,373 | 0,93 | 0,658 | 0,297 | 0,754 | 0,284 | 0,408 | 0,544 | 0,352 | 0,726 | 0,1 |
| 24 | 0,471 | 0,123 | 0,104 | 0,071 | 0,056 | 0 | 0 | 0 | 0,614 | 0,832 | 0,679 | 0,609 | 0,781 | 1 | 1 | 0,358 | 0,636 | 0,0 |
| 25 | 0,303 | 0,134 | 0,089 | 0,011 | 0 | 0 | 0 | 0 | 0,486 | 0,759 | 1 | 0,531 | 0,337 | 0,506 | 0,725 | 0,393 | 0,578 | 0,9 |

| | KE | KF | KG | KH | KI | KJ | KK | KL | KM | KN | KO | KP | KQ | KR | KS | KT | KU | KV |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | RDF55i | RDF60i | RDF65i | RDF70i | RDF75i | RDF80i | RDF85i | RDF90i | RDF95i | RDF100i | RDF105i | RDF110i | RDF115i | RDF120i | RDF125i | RDF130i | RDF135i | RDF140i |
| 2 | 0,015 | 0,021 | 0 | 0,126 | 0 | 0 | 0 | 0 | 0 | 0,077 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0,016 | 0 | 0,318 | 0,23 | 0,554 | 0,008 | 0,419 | 0,687 | 0,248 | 0,619 | 0,175 | 0,126 | 0,411 | 0,151 | 0 | 0,385 | 0,127 | 0 |
| 4 | 0,59 | 0,576 | 0,422 | 0,329 | 0,203 | 0,981 | 0,332 | 0,629 | 0,621 | 0,164 | 0,271 | 0,177 | 0,049 | 0,284 | 0,111 | 0,076 | 0 | 0 |
| 5 | 0,562 | 0,801 | 0,3 | 0,491 | 0,323 | 0,769 | 0,629 | 0,304 | 0,862 | 0,491 | 0,548 | 0,366 | 0,314 | 0,2 | 0,179 | 0,07 | 0 | 0 |
| 6 | 0 | 0,102 | 0,134 | 0 | 0,127 | 0,094 | 0,073 | 0,342 | 0,197 | 0 | 0,098 | 0,092 | 0,021 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0,016 | 0,338 | 0,267 | 0,184 | 0,18 | 0,308 | 0,238 | 0,441 | 0,226 | 0,176 | 0,147 | 0,098 | 0,21 | 0,128 | 0,085 | 0,063 | 0 | 0 |
| 8 | 0,22 | 0,329 | 0,302 | 0,307 | 0,294 | 0,415 | 0,577 | 0,533 | 0,701 | 0,239 | 0,688 | 0,129 | 0,192 | 0,077 | 0,231 | 0,01 | 0 | 0 |
| 9 | 0,265 | 0,311 | 0,341 | 0,255 | 0,321 | 0,423 | 0,592 | 0,736 | 0,559 | 0,256 | 0,634 | 0,14 | 0,37 | 0,223 | 0,224 | 0,006 | 0 | 0 |
| 10 | 0,138 | 0,365 | 0,267 | 0,331 | 0,277 | 0,154 | 0,469 | 0,311 | 0,516 | 0,148 | 0,356 | 0,18 | 0,157 | 0,122 | 0 | 0,13 | 0 | 0 |
| 11 | 0,184 | 0,353 | 0,314 | 0,297 | 0,312 | 0,154 | 0,517 | 0,524 | 0,479 | 0,389 | 0,355 | 0,388 | 0,259 | 0,315 | 0 | 0,131 | 0 | 0 |
| 12 | 0,13 | 0,389 | 0,669 | 0,28 | 0,594 | 0,487 | 0,449 | 0,7 | 0,55 | 0,433 | 0,604 | 0,326 | 0,488 | 0,311 | 0,705 | 0,177 | 0,407 | 0,0 |
| 13 | 0,177 | 0,381 | 0,73 | 0,246 | 0,632 | 0,489 | 0,478 | 0,734 | 0,462 | 0,501 | 0,612 | 0,334 | 0,586 | 0,202 | 0,681 | 0,349 | 0,443 | 0,0 |
| 14 | 0,263 | 0,428 | 0,889 | 0,385 | 0,616 | 0,567 | 0,738 | 1 | 0,37 | 0,547 | 0,979 | 0,419 | 0,956 | 0,429 | 0,794 | 0,431 | 0,341 | 0,0 |
| 15 | 0,294 | 0,293 | 0,887 | 0,473 | 0,307 | 0,548 | 0,934 | 0,967 | 0,296 | 0,376 | 0,704 | 0,913 | 0,786 | 0,494 | 1 | 0,259 | 0,641 | 0,6 |
| 16 | 0,3 | 0,159 | 0,716 | 0,444 | 0,602 | 0,6 | 0,53 | 0,844 | 0,389 | 0,714 | 0,481 | 0,561 | 0,961 | 0,55 | 0,883 | 0,719 | 0,668 | 0,8 |
| 17 | 0,731 | 0,652 | 0,424 | 0,597 | 0,259 | 0,502 | 0,264 | 0,633 | 1 | 0,45 | | | | | | | | |

| | KV | KW | KX | KY | KZ | LA | LB | LC | LD | LE | LF | LG | LH | LI | LJ | LK | LL | LM |
|----|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | RDF140i | RDF145i | RDF150i | RDF155i | RDF10s | RDF15s | RDF20s | RDF25s | RDF30s | RDF35s | RDF40s | RDF45s | RDF50s | RDF55s | RDF60s | RDF65s | RDF70s | RDF75s |
| 2 | 0 | 0 | 0 | 0 | 0.601 | 0 | 0 | 0.113 | 0.005 | 0.029 | 0 | 0.08 | 0 | 0.023 | 0.001 | 0.012 | 0.078 | |
| 3 | 0 | 0 | 0 | 0 | 0.568 | 0.343 | 0.118 | 0.3 | 0.043 | 0.044 | 0.16 | 0.211 | 0.203 | 0.018 | 0 | 0.201 | 0.205 | 0.2 |
| 4 | 0 | 0 | 0 | 0 | 0.536 | 0.467 | 0.096 | 0.317 | 0.134 | 0.268 | 0.612 | 0.724 | 0.221 | 0.357 | 0.342 | 0.243 | 0.512 | 0.1 |
| 5 | 0 | 0 | 0 | 0 | 0.601 | 0.693 | 0.19 | 0.444 | 0.169 | 0.303 | 0.476 | 0.75 | 0.377 | 0.749 | 0.6 | 0.268 | 0.887 | 0.1 |
| 6 | 0 | 0 | 0 | 0 | 0.236 | 0.049 | 0.304 | 0 | 0 | 0.019 | 0.011 | 0.108 | 0.014 | 0.002 | 0.014 | 0.039 | 0 | 0.0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0.099 | 0.625 | 0.013 | 0.061 | 0 | 0.105 | 0 | 0.06 | 0 | 0.086 | 0 | 0.123 | 0.0 |
| 8 | 0 | 0 | 0 | 0 | 0.488 | 0.706 | 0.477 | 0.471 | 0.126 | 0.224 | 0.418 | 0.371 | 0.423 | 0.175 | 0.219 | 0.25 | 0.476 | 0.2 |
| 9 | 0 | 0 | 0 | 0 | 0.852 | 0.781 | 0.552 | 0.712 | 0.137 | 0.239 | 0.5 | 0.594 | 0.529 | 0.191 | 0.309 | 0.314 | 0.414 | 0.3 |
| 10 | 0 | 0 | 0 | 0 | 0.489 | 0.553 | 0.144 | 0.255 | 0.223 | 0.125 | 0.491 | 0.766 | 0.263 | 0.264 | 0.345 | 0.186 | 0.386 | 0.1 |
| 11 | 0 | 0 | 0 | 0 | 0.852 | 0.624 | 0.209 | 0.489 | 0.237 | 0.138 | 0.576 | 1 | 0.366 | 0.283 | 0.445 | 0.248 | 0.349 | 0.4 |
| 12 | 0.019 | 0.396 | 0.02 | 0.392 | 0.674 | 0.524 | 0.229 | 0.372 | 0.089 | 0.111 | 0.252 | 0.268 | 0.606 | 0.059 | 0.178 | 0.79 | 0.708 | 0.3 |
| 13 | 0.051 | 0.487 | 0.13 | 0.363 | 0.993 | 0.582 | 0.286 | 0.575 | 0.097 | 0.121 | 0.318 | 0.456 | 0.703 | 0.071 | 0.264 | 0.86 | 0.689 | 0.6 |
| 14 | 1 | 0.098 | 0.625 | 0.216 | 0.742 | 0.631 | 0.626 | 0.673 | 0.239 | 0.098 | 0.384 | 0.421 | 0.665 | 0.128 | 0.295 | 0.894 | 0.805 | 0.1 |
| 15 | 0.643 | 0.481 | 0.651 | 0.622 | 0.643 | 0.672 | 0.733 | 0.754 | 0.535 | 0.145 | 0.304 | 0.666 | 0.246 | 0.178 | 0.384 | 0.55 | 0.782 | 0.2 |
| 16 | 0.804 | 0.415 | 0.853 | 1 | 0.795 | 0.734 | 0.598 | 0.804 | 0.544 | 0.142 | 0.325 | 0.672 | 0.407 | 0.181 | 0.208 | 0.557 | 0.547 | 0.3 |
| 17 | 0.224 | 0.208 | 0.223 | 0 | 0.972 | 0.624 | 0.219 | 0.646 | 0.282 | 0.143 | 0.253 | 0.661 | 0.404 | 0.34 | 0.938 | 0.25 | 0.541 | 0.2 |
| 18 | 0.066 | 0.004 | 0.204 | 0 | 0.67 | 0.56 | 0.175 | 0.439 | 0.179 | 0.13 | 0.227 | 0.543 | 0.378 | 0.336 | 0.753 | 0.205 | 0.479 | 0.2 |
| 19 | 0.001 | 1 | 0.002 | 0.16 | 1 | 0.526 | 0.198 | 0.658 | 0.177 | 0.062 | 0.234 | 0.358 | 0.377 | 0.012 | 0.274 | 0.4 | 0.423 | 0.5 |
| 20 | 0 | 0 | 0 | 0 | 0.934 | 0.797 | 0.246 | 0.807 | 0.338 | 0.313 | 0.503 | 0.562 | 0.541 | 0.188 | 0.787 | 0.369 | 0.668 | 0.1 |
| 21 | 0.908 | 0.813 | 1 | 0.802 | 0.6 | 1 | 0.201 | 1 | 1 | 1 | 1 | 0.925 | 1 | 0.208 | 1 | 1 | 1 | 1 |
| 22 | 0.323 | 0.365 | 0.195 | 0.181 | 0.602 | 0.562 | 0.332 | 0.45 | 0.077 | 0.128 | 0.288 | 0.509 | 0.215 | 0.06 | 0.225 | 0.431 | 0.832 | 0.1 |
| 23 | 0.45 | 0.563 | 0.249 | 0.397 | 0.751 | 0.622 | 0.199 | 0.499 | 0.085 | 0.125 | 0.308 | 0.517 | 0.374 | 0.064 | 0.054 | 0.444 | 0.604 | 0.3 |
| 24 | 0.209 | 0 | 0 | 0 | 0.662 | 0.795 | 0.61 | 0.576 | 0.232 | 0.354 | 0.796 | 0.955 | 0.482 | 1 | 0.809 | 0.328 | 0.926 | 0.2 |
| 25 | 0 | 0 | 0 | 0 | 0.574 | 0.835 | 1 | 0.591 | 0.135 | 0.241 | 0.671 | 0.936 | 0.439 | 0.92 | 0.61 | 0.302 | 0.979 | 0.2 |

| | LM | LN | LO | LP | LQ | LR | LS | LT | LU | LV | LW | LX | LY | LZ | MA | MB | MC | MD |
|----|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----|
| 1 | RDF75s | RDF80s | RDF85s | RDF90s | RDF95s | RDF100s | RDF105s | RDF110s | RDF115s | RDF120s | RDF125s | RDF130s | RDF135s | RDF140s | RDF145s | RDF150s | RDF155s | L1u |
| 2 | 0 | 0.085 | 0.245 | 0.178 | 0 | 0.123 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0.288 | 0.14 | 0.425 | 0.431 | 0.171 | 0.399 | 0.27 | 0.053 | 0.202 | 0.118 | 0 | 0.794 | 0.148 | 0 | 0 | 0 | 0 | 0.2 |
| 4 | 0.119 | 0.815 | 0.176 | 0.513 | 0.444 | 0.261 | 0.368 | 0.073 | 0.15 | 0.126 | 0.183 | 0.035 | 0 | 0 | 0 | 0 | 0 | 0.1 |
| 5 | 0.189 | 0.783 | 0.274 | 0.205 | 0.509 | 0.329 | 0.505 | 0.201 | 0.725 | 0.225 | 0.216 | 0.036 | 0 | 0 | 0 | 0 | 0 | 0.2 |
| 6 | 0.026 | 0.241 | 0.309 | 0.171 | 0.144 | 0 | 0.127 | 0.08 | 0.005 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 |
| 7 | 0.058 | 0 | 0 | 0 | 0.292 | 0.217 | 0.161 | 0.09 | 0.11 | 0.077 | 0.023 | 0.027 | 0 | 0 | 0 | 0 | 0 | 0.2 |
| 8 | 0.231 | 0.631 | 0.46 | 0.625 | 0.476 | 0.432 | 0.669 | 0.1 | 0.315 | 0.096 | 0.226 | 0.005 | 0 | 0 | 0 | 0 | 0 | 0.2 |
| 9 | 0.388 | 0.667 | 0.69 | 0.95 | 0.389 | 0.435 | 1 | 0.181 | 0.479 | 0.283 | 0.23 | 0.003 | 0 | 0 | 0 | 0 | 0 | 0.2 |
| 10 | 0.162 | 0.298 | 0.558 | 0.518 | 0.358 | 0.11 | 0.548 | 0.156 | 0.045 | 0.059 | 0 | 0.065 | 0 | 0 | 0 | 0 | 0 | 0.1 |
| 11 | 0.407 | 0.324 | 0.768 | 0.958 | 0.329 | 0.401 | 0.922 | 0.416 | 0.077 | 0.237 | 0 | 0.067 | 0 | 0 | 0 | 0 | 0 | 0.2 |
| 12 | 0.336 | 0.595 | 0.387 | 0.649 | 0.335 | 0.467 | 0.511 | 0.186 | 0.576 | 0.177 | 0.904 | 0.35 | 0.235 | 0.041 | 0.291 | 0.031 | 0.061 | 0.4 |
| 13 | 0.642 | 0.623 | 0.636 | 0.667 | 0.294 | 0.558 | 0.555 | 0.256 | 0.659 | 0.11 | 0.918 | 0.756 | 0.475 | 0.054 | 0.625 | 0.061 | 0.058 | 0.4 |
| 14 | 0.4 | 0.658 | 0.647 | 0.839 | 0.265 | 0.526 | 0.674 | 0.284 | 0.779 | 0.175 | 1 | 0.679 | 0.351 | 0.39 | 0.14 | 0.456 | 0.082 | 0.5 |
| 15 | 0.225 | 0.556 | 1 | 0.516 | 0.183 | 0.319 | 0.547 | 0.904 | 0.46 | 0.401 | 0.871 | 0.386 | 0.635 | 0.422 | 0.613 | 0.664 | 0.504 | 0.7 |
| 16 | 0.391 | 0.409 | 0.688 | 0.476 | 0.212 | 0.619 | 0.394 | 0.516 | 0.631 | 0.42 | 0.808 | 0.714 | 0.61 | 0.489 | 0.383 | 0.933 | 0.722 | 0.7 |
| 17 | 0.297 | 0.337 | 0.557 | 0.643 | 0.684 | 0.477 | 0.562 | 0.699 | 0.572 | 0.469 | 0.916 | 0.435 | 0.33 | 0.076 | 0.094 | 0.06 | 0 | 0.3 |
| 18 | 0.225 | 0.325 | 0.16 | 0.683 | 0.37 | 0.493 | 0.425 | 0.553 | 0.279 | 0.235 | 0.442 | 0.53 | 0.186 | 0.028 | 0.009 | 0.054 | 0 | 0.3 |
| 19 | 0.548 | 0.189 | 0.793 | 0.4 | 0.258 | 0.752 | 0.258 | 0.574 | 0.258 | 0.224 | 0.559 | 0.775 | 0.543 | 0.002 | 0.848 | 0.003 | 0.028 | 0.4 |
| 20 | 0.185 | 0.994 | 0.882 | 0.733 | 0.561 | 0.355 | 0.809 | 0.181 | 0.417 | 0.24 | 0.292 | 0.008 | 0 | 0 | 0 | 0 | 0 | 0.2 |
| 21 | 1 | 0.444 | 0.797 | 1 | 1 | 1 | 0.721 | 1 | 0.922 | 1 | 0.773 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 22 | 0.185 | 0.348 | 0.667 | 0.554 | 0.264 | 0.274 | 0.439 | 0.839 | 0.36 | 0.394 | 0.466 | 0.419 | 0.491 | 0.14 | 0.411 | 0.402 | 0.318 | 0.5 |
| 23 | 0.358 | 0.22 | 0.423 | 0.474 | 0.276 | 0.516 | 0.31 | 0.191 | 0.506 | 0.442 | 0.509 | 0.532 | 0.311 | 0.228 | 0.563 | 0.393 | 0.442 | 0.5 |
| 24 | 0.232 | 1 | 0.364 | 0.575 | 0.559 | 0.538 | 0.693 | 0.295 | 1 | 0.562 | 0.298 | 0.143 | 0.058 | 0.043 | 0 | 0 | 0 | 0.3 |
| 25 | 0.233 | 0.792 | 0.301 | 0.849 | 0.646 | 0.488 | 0.667 | 0.246 | 0.739 | 0.308 | 0.368 | 0.258 | 0.009 | 0 | 0 | 0 | 0 | 0.3 |

| | MD | ME | MF | MG | MH | MI | MJ | MK | ML | MM | MN | MO | MP | MQ | MR | MS | MT | MU | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
| 1 | L1u | L2u | L3u | P1u | P2u | E1u | E2u | E3u | Tu | Au | Vu | Ku | Du | L1m | L2m | L3m | P1m | P2m | |
| 2 | 0 | 0.318 | 0 | 0 | 0 | 1 | 0.04 | 0.744 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0.129 | 0 | 0.234 | 0 |
| 3 | 0.314 | 0.154 | 0.389 | 0.752 | 0.196 | 0.75 | 0.532 | 0.332 | 0.303 | 0.175 | 0.199 | 0.752 | 0.468 | 0.282 | 0.227 | 0.081 | 0.727 | 0.2 | |
| 4 | 0.163 | 0.615 | 0.952 | 0.069 | 0.697 | 0.249 | 0.811 | 0.501 | 0.183 | 0.224 | 0.253 | 0.069 | 0.605 | 0.164 | 0.799 | 0.453 | 0 | 0 | |
| 5 | 0.219 | 0.531 | 0.95 | 0.258 | 0.535 | 0.626 | 0.942 | 0.409 | 0.234 | 0.251 | 0.285 | 0.258 | 0.638 | 0.225 | 0.742 | 0.419 | 0.202 | 0.7 | |
| 6 | 0.112 | 0.096 | 0.17 | 0.499 | 0.469 | 0.14 | 0.189 | 0.069 | 0.102 | 0.037 | 0.052 | 0.499 | 0 | 0.073 | 0.051 | 0.031 | 0.515 | 0.5 | |
| 7 | 0.217 | 0 | 0.302 | 0.733 | 0.221 | 0 | 0 | 0.225 | 0.201 | 0.08 | 0.107 | 0.733 | 0.057 | 0.144 | 0 | 0.058 | 0.695 | 0.3 | |
| 8 | 0.204 | 0.56 | 0.48 | 0.305 | 0.593 | 0.543 | 0.84 | 0.36 | 0.214 | 0.207 | 0.211 | 0.305 | 0.544 | 0.213 | 0.769 | 0.184 | 0.215 | 0.8 | |
| 9 | 0.227 | 0.671 | 0.465 | 0.291 | 0.615 | 0.775 | 1 | 0.344 | 0.241 | 0.248 | 0.245 | 0.291 | 0.625 | 0.262 | 0.873 | 0.174 | 0.252 | 0.8 | |
| 10 | 0.193 | 0.411 | 0.585 | 0.355 | 0.516 | 0.635 | 0.756 | 0.253 | 0.199 | 0.176 | 0.194 | 0.355 | 0.439 | 0.178 | 0.668 | 0.16 | 0.213 | 0.8 | |
| 11 | 0.216 | 0.523 | 0.568 | 0.337 | 0.545 | 0.85 | 0.863 | 0.241 | 0.226 | 0.215 | 0.227 | 0.337 | 0.504 | 0.224 | 0.803 | 0.149 | 0.226 | 0.8 | |
| 12 | 0.439 | 0.64 | 0.114 | 0.695 | 0.311 | 0.625 | 0.755 | 0.004 | 0.439 | 0.363 | 0.325 | 0.695 | 0.21 | 0.46 | 0.856 | 0.022 | 0.597 | 0.4 | |
| 13 | 0.468 | 0.714 | 0.11 | 0.693 | 0.314 | 0.737 | 0.883 | 0 | 0.471 | 0.407 | 0.358 | 0.693 | 0.267 | 0.521 | 0.896 | 0.02 | 0.644 | 0.4 | |
| 14 | 0.597 | 0.688 | 0.206 | 0.81 | 0.19 | 0.722 | 0.682 | 0.112 | 0.596 | 0.507 | 0.463 | 0.81 | 0.306 | 0.584 | 0.885 | 0.039 | 0.706 | 0.3 | |
| 15 | 0.771 | 0.455 | 0.296 | 1 | 0 | 0.826 | 0.625 | 0.216 | 0.756 | 0.55 | 0.538 | 1 | 0.405 | 0.759 | 0.583 | 0.056 | 0.954 | 0.0 | |
| 16 | 0.762 | 0.456 | 0.288 | 0.996 | 0.005 | 0.73 | 0.653 | 0.207 | 0.747 | 0.542 | 0.53 | 0.996 | 0.386 | 0.779 | 0.565 | 0.056 | 0.973 | 0 | |
| 17 | 0.396 | 1 | 0.111 | 0.472 | 0.526 | 0.767 | 0.758 | 0.002 | 0.413 | 0.437 | 0.365 | 0.472 | 0.237 | 0.421 | 1 | 0.021 | 0.474 | 0.6 | |
| 18 | 0.358 | 0.979 | 0.115 | 0.424 | 0.57 | 0.665 | 0.663 | 0.006 | 0.375 | 0.398 | 0.33 | | | | | | | | |

| | MU | MV | MW | MX | MY | MZ | NA | NB | NC | ND | NE | NF | NG | NH | NI | NJ | NK | NL |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| 1 | P2m | E1m | E2m | E3m | Tm | Am | Vm | Km | Dm | L1v | L2v | L3v | P1v | P2v | E1v | E2v | E3v | Tv |
| 2 | 0,89 | 0,653 | 0 | 0,645 | 0 | 0 | 0 | 0,234 | 0,703 | 0 | 0,237 | 0 | 0 | 1 | 0,183 | 0,165 | 0 | 1 |
| 3 | 0,297 | 0,478 | 0,335 | 0,016 | 0,277 | 0,154 | 0,168 | 0,727 | 0,413 | 0,307 | 0,175 | 0,297 | 0,753 | 0,213 | 0,652 | 0,35 | 0,12 | 0,2 |
| 4 | 1 | 0,573 | 0,563 | 0,138 | 0,184 | 0,241 | 0,214 | 0 | 0,644 | 0,177 | 0,732 | 0,954 | 0,039 | 0,772 | 0,582 | 0,761 | 0,334 | 0,1 |
| 5 | 0,793 | 0,725 | 0,679 | 0,103 | 0,241 | 0,272 | 0,247 | 0,202 | 0,769 | 0,236 | 0,629 | 0,916 | 0,261 | 0,579 | 0,794 | 0,802 | 0,258 | 0,2 |
| 6 | 0,553 | 0,248 | 0,05 | 0,002 | 0,069 | 0,021 | 0,032 | 0,515 | 0,136 | 0,093 | 0,077 | 0,123 | 0,457 | 0,521 | 0,135 | 0,043 | 0,022 | 0,0 |
| 7 | 0,337 | 0 | 0,067 | 0,009 | 0,136 | 0,042 | 0,063 | 0,695 | 0 | 0,175 | 0 | 0,223 | 0,678 | 0,288 | 0 | 0 | 0,075 | 0,1 |
| 8 | 0,852 | 0,725 | 0,611 | 0,058 | 0,227 | 0,248 | 0,214 | 0,215 | 0,713 | 0,216 | 0,667 | 0,402 | 0,278 | 0,652 | 0,699 | 0,738 | 0,155 | 0,2 |
| 9 | 0,816 | 1 | 0,67 | 0,055 | 0,278 | 0,306 | 0,262 | 0,252 | 0,901 | 0,24 | 0,759 | 0,388 | 0,279 | 0,657 | 0,815 | 0,762 | 0,147 | 0,2 |
| 10 | 0,858 | 0,577 | 0,636 | 0,024 | 0,19 | 0,2 | 0,175 | 0,213 | 0,618 | 0,198 | 0,527 | 0,476 | 0,313 | 0,601 | 0,653 | 0,739 | 0,109 | 0,2 |
| 11 | 0,851 | 0,829 | 0,73 | 0,021 | 0,239 | 0,26 | 0,223 | 0,226 | 0,81 | 0,221 | 0,624 | 0,459 | 0,307 | 0,614 | 0,759 | 0,737 | 0,104 | 0,2 |
| 12 | 0,467 | 0,721 | 0,59 | 0 | 0,467 | 0,429 | 0,374 | 0,597 | 0,669 | 0,462 | 0,714 | 0,081 | 0,693 | 0,31 | 0,888 | 0,608 | 0,001 | 0,4 |
| 13 | 0,414 | 0,923 | 0,601 | 0 | 0,527 | 0,486 | 0,422 | 0,644 | 0,793 | 0,494 | 0,765 | 0,078 | 0,704 | 0,3 | 0,957 | 0,617 | 0 | 0,4 |
| 14 | 0,338 | 0,55 | 0,577 | 0,004 | 0,588 | 0,531 | 0,467 | 0,706 | 0,564 | 0,594 | 0,747 | 0,149 | 0,796 | 0,203 | 0,775 | 0,525 | 0,035 | 0,5 |
| 15 | 0,051 | 0,572 | 0,48 | 0,008 | 0,748 | 0,532 | 0,514 | 0,954 | 0,533 | 0,767 | 0,497 | 0,214 | 0,996 | 0,003 | 0,85 | 0,476 | 0,067 | 0,7 |
| 16 | 0,03 | 0,657 | 0,465 | 0,009 | 0,768 | 0,537 | 0,523 | 0,973 | 0,576 | 0,771 | 0,492 | 0,211 | 1 | 0 | 0,878 | 0,485 | 0,068 | 0,7 |
| 17 | 0,608 | 0,808 | 0,346 | 0 | 0,434 | 0,444 | 0,372 | 0,474 | 0,605 | 0,406 | 1 | 0,079 | 0,489 | 0,51 | 0,832 | 0,421 | 0,001 | 0,4 |
| 18 | 0,59 | 0,701 | 0,143 | 0,001 | 0,378 | 0,358 | 0,308 | 0,489 | 0,447 | 0,373 | 0,942 | 0,082 | 0,469 | 0,528 | 0,828 | 0,284 | 0,003 | 0,3 |
| 19 | 0,248 | 0,591 | 0,865 | 0,019 | 0,454 | 0,319 | 0,313 | 0,773 | 0,731 | 0,452 | 0,257 | 0,353 | 0,86 | 0,11 | 0,673 | 0,664 | 0,151 | 0,4 |
| 20 | 0,837 | 0,733 | 1 | 0,031 | 0,296 | 0,338 | 0,287 | 0,232 | 0,885 | 0,27 | 0,724 | 0,548 | 0,336 | 0,578 | 0,67 | 1 | 0,134 | 0,2 |
| 21 | 0,009 | 0,618 | 0,263 | 1 | 1 | 1 | 1 | 0,875 | 1 | 1 | 0,89 | 0,966 | 0,93 | 0,013 | 0,932 | 0,4 | 0,472 | 0 |
| 22 | 0,051 | 0,764 | 0,315 | 0,005 | 0,619 | 0,383 | 0,392 | 0,955 | 0,568 | 0,626 | 0,375 | 0,154 | 0,965 | 0,038 | 0,981 | 0,366 | 0,038 | 0,6 |
| 23 | 0 | 0,86 | 0,273 | 0,005 | 0,64 | 0,368 | 0,389 | 1 | 0,605 | 0,631 | 0,326 | 0,152 | 0,988 | 0,016 | 1 | 0,343 | 0,038 | 0,6 |
| 24 | 0,725 | 0,499 | 0,838 | 0,145 | 0,331 | 0,384 | 0,349 | 0,256 | 0,733 | 0,335 | 0,741 | 1 | 0,381 | 0,474 | 0,661 | 0,951 | 0,338 | 0,3 |
| 25 | 0,712 | 0,68 | 0,732 | 0,2 | 0,321 | 0,367 | 0,336 | 0,264 | 0,82 | 0,305 | 0,752 | 0,89 | 0,338 | 0,527 | 0,712 | 0,908 | 0,337 | 0 |

| | NL | NM | NN | NO | NP | NQ | NR | NS | NT | NU | NV | NW | NX | NY | NZ | OA | OB | OC |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| 1 | Tv | Av | Vv | Kv | Dv | L1e | L2e | L3e | P1e | P2e | E1e | E2e | E3e | Te | Ae | Ve | Ke | De |
| 2 | 0 | 0 | 0 | 0 | 0,872 | 0 | 0,299 | 0 | 0 | 1 | 0,394 | 0,544 | 1 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0,298 | 0,166 | 0,191 | 0,753 | 0,551 | 0,311 | 0,168 | 0,382 | 0,736 | 0,209 | 0,678 | 0,521 | 0,299 | 0,3 | 0,175 | 0,195 | 0,736 | 0,4 |
| 4 | 0,196 | 0,238 | 0,239 | 0,039 | 0,835 | 0,16 | 0,633 | 0,947 | 0,01 | 0,744 | 0,301 | 0,749 | 0,46 | 0,182 | 0,228 | 0,251 | 0,01 | 0 |
| 5 | 0,249 | 0,262 | 0,269 | 0,261 | 0,917 | 0,216 | 0,557 | 0,944 | 0,206 | 0,577 | 0,637 | 0,92 | 0,378 | 0,233 | 0,256 | 0,283 | 0,206 | 0,6 |
| 6 | 0,086 | 0,03 | 0,044 | 0,457 | 0,056 | 0,109 | 0,087 | 0,164 | 0,492 | 0,476 | 0,232 | 0,121 | 0,057 | 0,098 | 0,034 | 0,048 | 0,492 | 0 |
| 7 | 0,164 | 0,06 | 0,086 | 0,678 | 0 | 0,212 | 0 | 0,293 | 0,726 | 0,226 | 0 | 0 | 0,195 | 0,196 | 0,076 | 0,102 | 0,726 | 0,0 |
| 8 | 0,227 | 0,223 | 0,213 | 0,278 | 0,758 | 0,203 | 0,577 | 0,481 | 0,264 | 0,628 | 0,609 | 0,778 | 0,336 | 0,215 | 0,213 | 0,212 | 0,264 | 0,5 |
| 9 | 0,253 | 0,26 | 0,243 | 0,279 | 0,829 | 0,233 | 0,684 | 0,462 | 0,264 | 0,638 | 0,956 | 0,921 | 0,313 | 0,248 | 0,258 | 0,249 | 0,264 | 0,6 |
| 10 | 0,205 | 0,187 | 0,187 | 0,313 | 0,697 | 0,189 | 0,444 | 0,577 | 0,3 | 0,565 | 0,62 | 0,79 | 0,229 | 0,197 | 0,181 | 0,193 | 0,3 | 0,4 |
| 11 | 0,231 | 0,222 | 0,216 | 0,307 | 0,753 | 0,218 | 0,557 | 0,553 | 0,293 | 0,585 | 0,942 | 0,889 | 0,212 | 0,229 | 0,225 | 0,229 | 0,293 | 0 |
| 12 | 0,465 | 0,391 | 0,362 | 0,693 | 0,7 | 0,438 | 0,67 | 0,112 | 0,665 | 0,339 | 0,566 | 0,749 | 0,006 | 0,441 | 0,372 | 0,326 | 0,665 | 0,2 |
| 13 | 0,497 | 0,429 | 0,394 | 0,704 | 0,743 | 0,475 | 0,738 | 0,108 | 0,675 | 0,332 | 0,775 | 0,851 | 0 | 0,479 | 0,421 | 0,363 | 0,675 | 0,2 |
| 14 | 0,594 | 0,505 | 0,472 | 0,796 | 0,628 | 0,596 | 0,715 | 0,201 | 0,79 | 0,209 | 0,602 | 0,693 | 0,1 | 0,596 | 0,515 | 0,46 | 0,79 | 0,2 |
| 15 | 0,755 | 0,536 | 0,54 | 0,996 | 0,676 | 0,77 | 0,469 | 0,288 | 1 | 0 | 0,65 | 0,603 | 0,19 | 0,755 | 0,55 | 0,528 | 1 | 0,3 |
| 16 | 0,758 | 0,536 | 0,54 | 1 | 0,696 | 0,766 | 0,472 | 0,283 | 0,997 | 0,003 | 0,626 | 0,638 | 0,186 | 0,751 | 0,547 | 0,525 | 0,997 | 0,3 |
| 17 | 0,419 | 0,429 | 0,372 | 0,489 | 0,594 | 0,401 | 1 | 0,108 | 0,45 | 0,547 | 0,806 | 0,661 | 0,001 | 0,419 | 0,443 | 0,365 | 0,45 | 0,2 |
| 18 | 0,385 | 0,387 | 0,338 | 0,469 | 0,539 | 0,357 | 0,972 | 0,113 | 0,395 | 0,598 | 0,627 | 0,566 | 0,008 | 0,374 | 0,398 | 0,328 | 0,395 | 0,1 |
| 19 | 0,443 | 0,272 | 0,3 | 0,86 | 0,711 | 0,469 | 0,182 | 0,446 | 0,89 | 0,065 | 0,712 | 0,627 | 0,366 | 0,455 | 0,275 | 0,3 | 0,89 | 0,5 |
| 20 | 0,282 | 0,285 | 0,276 | 0,336 | 0,829 | 0,268 | 0,599 | 0,641 | 0,351 | 0,52 | 0,68 | 1 | 0,258 | 0,281 | 0,28 | 0,287 | 0,351 | 0,5 |
| 21 | 1 | 1 | 1 | 0,93 | 1 | 1 | 0,838 | 0,81 | 0,939 | 0,01 | 0,696 | 0,458 | 0,429 | 1 | 1 | 1 | 0,939 | 0,5 |
| 22 | 0,613 | 0,393 | 0,409 | 0,965 | 0,686 | 0,594 | 0,389 | 0,212 | 0,929 | 0,073 | 0,584 | 0,625 | 0,113 | 0,581 | 0,393 | 0,38 | 0,929 | 0,2 |
| 23 | 0,617 | 0,379 | 0,401 | 0,988 | 0,688 | 0,592 | 0,352 | 0,207 | 0,945 | 0,058 | 0,525 | 0,649 | 0,11 | 0,577 | 0,377 | 0,369 | 0,945 | 0,2 |
| 24 | 0,349 | 0,373 | 0,379 | 0,381 | 0,959 | 0,351 | 0,609 | 1 | 0,422 | 0,397 | 0,855 | 0,879 | 0,489 | 0,366 | 0,382 | 0,415 | 0,422 | 0,7 |
| 25 | 0,32 | 0,344 | 0,344 | 0,338 | 0,971 | 0,319 | 0,629 | 0,874 | 0,382 | 0,454 | 1 | 0,88 | 0,462 | 0,335 | 0,35 | 0,371 | 0,382 | 0,7 |

| | OC | OD | OE | OF | OG | OH | OI | OJ | OK | OL | OM | ON | OO | OP | OQ | OR | OS | OT |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| 1 | De | L1p | L2p | L3p | P1p | P2p | E1p | E2p | E3p | TP | Ap | Vp | Kp | Dp | L1i | L2i | L3i | P1i |
| 2 | 1 | 0 | 0,28 | 0 | 0 | 1 | 0 | 0,4 | 1 | 0 | 0 | 0 | 0 | 0,871 | 0 | 0,319 | 0 | |
| 3 | 0,434 | 0,314 | 0,153 | 0,337 | 0,773 | 0,19 | 0,686 | 0,379 | 0,2 | 0,304 | 0,17 | 0,2 | 0,773 | 0,578 | 0,311 | 0,149 | 0,395 | 0,7 |
| 4 | 0,57 | 0,179 | 0,69 | 0,964 | 0,123 | 0,687 | 0,532 | 0,866 | 0,438 | 0,197 | 0,234 | 0,248 | 0,123 | 0,869 | 0,156 | 0,599 | 0,95 | 0 |
| 5 | 0,623 | 0,236 | 0,576 | 0,938 | 0,328 | 0,51 | 0,752 | 0,853 | 0,341 | 0,249 | 0,256 | 0,277 | 0,328 | 0,911 | 0,212 | 0,522 | 0,952 | 0,2 |
| 6 | 0 | 0,101 | 0,09 | 0,144 | 0,48 | 0,495 | 0,101 | 0,112 | 0,042 | 0,093 | 0,035 | 0,05 | 0,48 | 0,001 | 0,113 | 0,098 | 0,175 | 0,4 |
| 7 | 0,035 | 0,189 | 0 | 0,258 | 0,7 | 0,262 | 0,037 | 0 | 0,132 | 0,177 | 0,069 | 0,097 | 0,7 | 0 | 0,221 | 0 | 0,309 | 0,7 |
| 8 | 0,534 | 0,215 | 0,621 | 0,42 | 0,344 | 0,584 | 0,625 | 0,825 | 0,219 | 0,224 | 0,214 | 0,213 | 0,344 | 0,721 | 0,199 | 0,548 | 0,488 | 0,2 |
| 9 | 0,632 | 0,23 | 0,717 | 0,411 | 0,325 | 0,607 | 0,656 | 0,862 | 0,214 | 0,242 | 0,244 | 0,237 | 0,325 | 0,749 | 0,224 | 0,66 | 0,472 | 0,2 |
| 10 | 0,446 | 0,203 | 0,457 | 0,522 | 0, | | | | | | | | | | | | | |

Data Normalisasi.csv - Excel

| | OT | OU | OV | OW | OX | OY | OZ | PA | PB | PC | PD | PE | PF | PG | PH | PI | PJ | PK |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| 1 | P1i | P2i | E1i | E2i | E3i | Ti | Ai | Vi | Ki | Di | L1s | L2s | L3s | P1s | P2s | E1s | E2s | E3s |
| 2 | 0 | 1 | 0,215 | 0,787 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0,293 | 0 | 0 | 1 | 0,404 | 0,516 | |
| 3 | 0,745 | 0,199 | 0,632 | 0,534 | 0,353 | 0,299 | 0,172 | 0,196 | 0,745 | 0,417 | 0,31 | 0,166 | 0,383 | 0,736 | 0,21 | 0,757 | 0,512 | |
| 4 | 0,04 | 0,712 | 0,051 | 0,766 | 0,506 | 0,177 | 0,219 | 0,251 | 0,04 | 0,524 | 0,16 | 0,634 | 0,95 | 0,012 | 0,743 | 0,36 | 0,748 | 0,4 |
| 5 | 0,228 | 0,551 | 0,447 | 0,941 | 0,418 | 0,228 | 0,247 | 0,284 | 0,228 | 0,561 | 0,217 | 0,558 | 0,944 | 0,208 | 0,576 | 0,718 | 0,222 | 0,3 |
| 6 | 0,495 | 0,472 | 0,173 | 0,208 | 0,075 | 0,102 | 0,037 | 0,052 | 0,495 | 0 | 0,107 | 0,087 | 0,165 | 0,485 | 0,483 | 0,243 | 0,117 | 0 |
| 7 | 0,735 | 0,216 | 0 | 0 | 0,243 | 0,204 | 0,081 | 0,109 | 0,735 | 0,063 | 0,209 | 0 | 0,297 | 0,718 | 0,234 | 0 | 0 | 0,2 |
| 8 | 0,284 | 0,606 | 0,404 | 0,818 | 0,384 | 0,209 | 0,204 | 0,209 | 0,284 | 0,488 | 0,201 | 0,584 | 0,478 | 0,258 | 0,635 | 0,639 | 0,796 | 0,3 |
| 9 | 0,273 | 0,626 | 0,716 | 1 | 0,364 | 0,239 | 0,247 | 0,245 | 0,273 | 0,574 | 0,23 | 0,694 | 0,459 | 0,255 | 0,648 | 0,975 | 0,946 | 0 |
| 10 | 0,333 | 0,528 | 0,517 | 0,749 | 0,266 | 0,194 | 0,174 | 0,192 | 0,333 | 0,381 | 0,189 | 0,445 | 0,578 | 0,3 | 0,566 | 0,687 | 0,793 | 0 |
| 11 | 0,317 | 0,556 | 0,808 | 0,871 | 0,251 | 0,223 | 0,215 | 0,227 | 0,317 | 0,451 | 0,217 | 0,559 | 0,555 | 0,291 | 0,587 | 1 | 0,892 | 0,2 |
| 12 | 0,677 | 0,328 | 0,377 | 0,785 | 0,005 | 0,433 | 0,36 | 0,318 | 0,677 | 0,135 | 0,438 | 0,667 | 0,112 | 0,669 | 0,336 | 0,66 | 0,73 | 0,0 |
| 13 | 0,677 | 0,33 | 0,539 | 0,931 | 0 | 0,466 | 0,406 | 0,353 | 0,677 | 0,198 | 0,473 | 0,735 | 0,108 | 0,677 | 0,33 | 0,856 | 0,833 | |
| 14 | 0,801 | 0,198 | 0,542 | 0,717 | 0,122 | 0,594 | 0,509 | 0,46 | 0,801 | 0,247 | 0,593 | 0,713 | 0,203 | 0,79 | 0,209 | 0,677 | 0,678 | 0,1 |
| 15 | 1 | 0 | 0,669 | 0,666 | 0,237 | 0,758 | 0,554 | 0,538 | 1 | 0,357 | 0,769 | 0,469 | 0,291 | 1 | 0 | 0,764 | 0,6 | 0,1 |
| 16 | 0,995 | 0,005 | 0,51 | 0,669 | 0,225 | 0,744 | 0,542 | 0,525 | 0,995 | 0,321 | 0,762 | 0,467 | 0,284 | 0,998 | 0,003 | 0,709 | 0,617 | 0,1 |
| 17 | 0,451 | 0,546 | 0,639 | 0,789 | 0,002 | 0,412 | 0,438 | 0,363 | 0,451 | 0,176 | 0,399 | 1 | 0,108 | 0,451 | 0,546 | 0,876 | 0,642 | 0,0 |
| 18 | 0,395 | 0,597 | 0,47 | 0,699 | 0,007 | 0,37 | 0,397 | 0,329 | 0,395 | 0,128 | 0,356 | 0,973 | 0,113 | 0,398 | 0,595 | 0,71 | 0,529 | 0,0 |
| 19 | 0,903 | 0,051 | 0,603 | 0,482 | 0,437 | 0,448 | 0,262 | 0,294 | 0,903 | 0,474 | 0,467 | 0,178 | 0,447 | 0,889 | 0,066 | 0,787 | 0,614 | 0,3 |
| 20 | 0,377 | 0,489 | 0,478 | 0,946 | 0,301 | 0,273 | 0,266 | 0,283 | 0,377 | 0,463 | 0,267 | 0,6 | 0,642 | 0,351 | 0,521 | 0,745 | 1 | 0 |
| 21 | 0,941 | 0,018 | 0,684 | 0,593 | 0,339 | 1 | 1 | 1 | 0,941 | 0,431 | 1 | 0,835 | 0,821 | 0,941 | 0,008 | 0,831 | 0,43 | 0,4 |
| 22 | 0,921 | 0,081 | 0,464 | 0,773 | 0,14 | 0,576 | 0,395 | 0,383 | 0,921 | 0,267 | 0,596 | 0,39 | 0,213 | 0,931 | 0,072 | 0,722 | 0,625 | 0,1 |
| 23 | 0,933 | 0,07 | 0,247 | 0,767 | 0,13 | 0,563 | 0,371 | 0,363 | 0,933 | 0,22 | 0,591 | 0,349 | 0,207 | 0,946 | 0,057 | 0,627 | 0,632 | 0,1 |
| 24 | 0,46 | 0,362 | 0,899 | 0,791 | 0,539 | 0,367 | 0,375 | 0,42 | 0,46 | 0,701 | 0,348 | 0,613 | 1 | 0,418 | 0,402 | 0,896 | 0,893 | 0,4 |
| 25 | 0,408 | 0,428 | 1 | 0,883 | 0,504 | 0,333 | 0,343 | 0,375 | 0,408 | 0,713 | 0,313 | 0,641 | 0,874 | 0,368 | 0,467 | 0,986 | 0,928 | 0,4 |

Data Normalisasi.csv - Excel

| | PK | PL | PM | PN | PO | PP | PQ | PR | PS | PT | PU | PV | PW | PX | PY | PZ | QA | QB |
|----|-------|-------|-------|-------|-------|-------|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | E3s | Ts | As | Vs | Ks | Ds | | | | | | | | | | | | |
| 2 | 1 | 0 | 0 | 0 | 0 | 1 | | | | | | | | | | | | |
| 3 | 0,3 | 0,3 | 0,175 | 0,195 | 0,736 | 0,446 | | | | | | | | | | | | |
| 4 | 0,463 | 0,182 | 0,228 | 0,25 | 0,012 | 0,586 | | | | | | | | | | | | |
| 5 | 0,377 | 0,233 | 0,256 | 0,282 | 0,208 | 0,638 | | | | | | | | | | | | |
| 6 | 0,06 | 0,098 | 0,035 | 0,049 | 0,485 | 0 | | | | | | | | | | | | |
| 7 | 0,203 | 0,194 | 0,077 | 0,102 | 0,718 | 0,041 | | | | | | | | | | | | |
| 8 | 0,332 | 0,213 | 0,213 | 0,211 | 0,258 | 0,542 | | | | | | | | | | | | |
| 9 | 0,31 | 0,245 | 0,257 | 0,247 | 0,255 | 0,638 | | | | | | | | | | | | |
| 10 | 0,23 | 0,197 | 0,182 | 0,193 | 0,3 | 0,46 | | | | | | | | | | | | |
| 11 | 0,213 | 0,228 | 0,225 | 0,228 | 0,291 | 0,54 | | | | | | | | | | | | |
| 12 | 0,005 | 0,44 | 0,371 | 0,324 | 0,669 | 0,233 | | | | | | | | | | | | |
| 13 | 0 | 0,477 | 0,419 | 0,36 | 0,677 | 0,301 | | | | | | | | | | | | |
| 14 | 0,102 | 0,593 | 0,513 | 0,457 | 0,79 | 0,306 | | | | | | | | | | | | |
| 15 | 0,195 | 0,754 | 0,551 | 0,528 | 1 | 0,381 | | | | | | | | | | | | |
| 16 | 0,189 | 0,747 | 0,544 | 0,521 | 0,998 | 0,371 | | | | | | | | | | | | |
| 17 | 0,001 | 0,417 | 0,441 | 0,362 | 0,451 | 0,245 | | | | | | | | | | | | |
| 18 | 0,007 | 0,374 | 0,397 | 0,327 | 0,398 | 0,18 | | | | | | | | | | | | |
| 19 | 0,368 | 0,453 | 0,274 | 0,299 | 0,889 | 0,546 | | | | | | | | | | | | |
| 20 | 0,26 | 0,28 | 0,28 | 0,286 | 0,351 | 0,564 | | | | | | | | | | | | |
| 21 | 0,445 | 1 | 1 | 1 | 0,941 | 0,564 | | | | | | | | | | | | |
| 22 | 0,114 | 0,583 | 0,396 | 0,381 | 0,931 | 0,309 | | | | | | | | | | | | |
| 23 | 0,109 | 0,576 | 0,377 | 0,367 | 0,946 | 0,287 | | | | | | | | | | | | |
| 24 | 0,491 | 0,363 | 0,38 | 0,411 | 0,418 | 0,767 | | | | | | | | | | | | |
| 25 | 0,461 | 0,329 | 0,348 | 0,368 | 0,368 | 0,77 | | | | | | | | | | | | |

Lampiran 6. Data Deskriptor Hasil *Pretreatment*

Excel spreadsheet showing data for columns A through R. The data is organized in a grid with rows numbered 1 to 24 and columns labeled with codes like TDB1u, TDB2u, etc.

| Name | TDB1u | TDB2u | TDB3u | TDB4u | TDB5u | TDB6u | TDB7u | TDB8u | TDB9u | TDB10u | TDB11m | TDB2m | TDB3m | TDB4m | TDB5m | TDB6m | TDB7m |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|
| 1 | 0 | 0,842 | 0,701 | 0,798 | 0,95 | 0,944 | 0,348 | 0,674 | 0,773 | 0,219 | 0,749 | 0,916 | 0,495 | 0,261 | 0,748 | 0,794 | 0 |
| 2 | 0,075 | 0,239 | 0,035 | 0,142 | 1 | 0,969 | 0,805 | 0,887 | 0,891 | 0,747 | 0,095 | 0,032 | 0,078 | 0,174 | 0,612 | 0,463 | 0,243 |
| 3 | 0,17 | 0,107 | 0,253 | 0,265 | 0 | 0 | 0,026 | 0 | 0 | 0 | 0 | 0 | 0,279 | 0,199 | 0 | 0 | 0,336 |
| 4 | 0,925 | 0,53 | 0,178 | 0,265 | 0,395 | 0,672 | 0,345 | 0,308 | 0,384 | 0,317 | 0,321 | 0,1 | 0 | 0 | 0,378 | 0,455 | 0,44 |
| 5 | 0,302 | 0,456 | 0,785 | 0,857 | 0,972 | 1 | 1 | 0,743 | 0,935 | 0,971 | 0,868 | 0,761 | 0,798 | 0,335 | 0,775 | 1 | 0,6 |
| 6 | 0,294 | 0 | 0,835 | 0,829 | 0,575 | 0,795 | 0,944 | 0,61 | 0,745 | 0,689 | 0,675 | 0,411 | 0,909 | 0,414 | 0,403 | 0,484 | 0,627 |
| 7 | 1 | 0,464 | 0,276 | 0,315 | 0,521 | 0,734 | 0,479 | 0,296 | 0,414 | 0,503 | 0,797 | 0,416 | 0,338 | 0,243 | 0,487 | 0,658 | 0,656 |
| 8 | 0,967 | 0,531 | 0,338 | 0,299 | 0,517 | 0,713 | 0,494 | 0,315 | 0,465 | 0,498 | 1 | 0,667 | 0,633 | 0,393 | 0,528 | 0,716 | 1 |
| 9 | 0,842 | 0,476 | 0,199 | 0,519 | 0,711 | 0,75 | 0,475 | 0,286 | 0,411 | 0,479 | 0,466 | 0,232 | 0,032 | 0,206 | 0,525 | 0,563 | 0,554 |
| 10 | 0,813 | 0,544 | 0,262 | 0,49 | 0,691 | 0,727 | 0,491 | 0,306 | 0,469 | 0,485 | 0,685 | 0,491 | 0,351 | 0,37 | 0,571 | 0,631 | 0,921 |
| 11 | 0,691 | 0,94 | 0,687 | 0,833 | 0,943 | 0,931 | 0,67 | 0,855 | 0,935 | 0,655 | 0,704 | 0,619 | 0,404 | 0,296 | 0,754 | 0,929 | 0,673 |
| 12 | 0,668 | 1 | 0,738 | 0,789 | 0,911 | 0,9 | 0,676 | 0,851 | 0,944 | 0,662 | 0,899 | 0,871 | 0,717 | 0,442 | 0,778 | 0,966 | 0,987 |
| 13 | 0,641 | 0,652 | 0,784 | 0,812 | 0,71 | 0,73 | 0,682 | 0,932 | 1 | 0,768 | 0,769 | 0,631 | 0,789 | 0,536 | 0,645 | 0,613 | 0,726 |
| 14 | 0,763 | 0,565 | 0,713 | 0,997 | 0,64 | 0,647 | 0,823 | 0,986 | 0,931 | 0,97 | 0,803 | 0,585 | 0,77 | 0,596 | 0,583 | 0,643 | 0,996 |
| 15 | 0,609 | 0,568 | 0,621 | 0,723 | 0,673 | 0,645 | 0,732 | 1 | 0,993 | 1 | 0,601 | 0,442 | 0,602 | 0,455 | 0,47 | 0,431 | 0,711 |
| 16 | 0,702 | 0,965 | 1 | 0,975 | 0,722 | 0,888 | 0,439 | 0,899 | 0,798 | 0,512 | 0,904 | 1 | 1 | 0,533 | 0,68 | 0,716 | 0,917 |
| 17 | 0,723 | 0,891 | 0,937 | 1 | 0,776 | 0,858 | 0,364 | 0,852 | 0,757 | 0,45 | 0,708 | 0,748 | 0,68 | 0,398 | 0,652 | 0,665 | 0,601 |
| 18 | 0,088 | 0,255 | 0 | 0 | 0,889 | 0,992 | 0,921 | 0,976 | 0,996 | 0,909 | 0,174 | 0,13 | 0,277 | 0,253 | 0,494 | 0,585 | 0,57 |
| 19 | 0,861 | 0,558 | 0,196 | 0,23 | 0,497 | 0,719 | 0,399 | 0,345 | 0,479 | 0,445 | 0,517 | 0,338 | 0,288 | 0,152 | 0,429 | 0,519 | 0,763 |
| 20 | 0,907 | 0,512 | 0,559 | 0,964 | 0,764 | 0,541 | 0 | 0,196 | 0,485 | 0,904 | 0,926 | 0,756 | 0,723 | 1 | 1 | 0,518 | 0,631 |
| 21 | 0,826 | 0,806 | 0,577 | 0,953 | 0,816 | 0,896 | 0,829 | 0,905 | 0,866 | 0,873 | 0,745 | 0,564 | 0,393 | 0,367 | 0,665 | 0,95 | 0,982 |
| 22 | 0,654 | 0,802 | 0,488 | 0,647 | 0,847 | 0,867 | 0,718 | 0,923 | 0,932 | 0,929 | 0,523 | 0,406 | 0,239 | 0,222 | 0,521 | 0,65 | 0,663 |
| 23 | 0,831 | 0,293 | 0,262 | 0,266 | 0,238 | 0,415 | 0,271 | 0,402 | 0,483 | 0,508 | 0,422 | 0,161 | 0,351 | 0,253 | 0,345 | 0,24 | 0,533 |
| 24 | 0,903 | 0,251 | 0,424 | 0,299 | 0,235 | 0,435 | 0,369 | 0,415 | 0,49 | 0,624 | 0,86 | 0,451 | 0,718 | 0,489 | 0,428 | 0,378 | 0,71 |

Excel spreadsheet showing data for columns S through AJ. The data is organized in a grid with rows numbered 1 to 25 and columns labeled with codes like TDB8m, TDB9m, etc.

| Name | TDB8m | TDB9m | TDB10m | TDB11v | TDB2v | TDB3v | TDB4v | TDB5v | TDB6v | TDB7v | TDB8v | TDB9v | TDB10v | TDB11e | TDB2e | TDB3e | TDB4e | TDB5e |
|------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|
| 1 | 0,554 | 0 | 0 | 0,725 | 0,868 | 0,576 | 0,318 | 0,584 | 0,525 | 0 | 0 | 0 | 0,376 | 0,664 | 0,808 | 0,521 | 0,8 | |
| 2 | 0,26 | 0,344 | 0,313 | 0,169 | 0,097 | 0 | 0,191 | 0,63 | 0,593 | 0,513 | 0,504 | 0,433 | 0,409 | 0,023 | 0,035 | 0,042 | 0,1 | 0,8 |
| 3 | 0 | 0,113 | 0,302 | 0 | 0 | 0,259 | 0,314 | 0 | 0 | 0,602 | 0,381 | 0,081 | 0,286 | 0 | 0 | 0,235 | 0,198 | 0,8 |
| 4 | 0,172 | 0,285 | 0,36 | 0,443 | 0,241 | 0,01 | 0 | 0,391 | 0,615 | 0,714 | 0,51 | 0,298 | 0,392 | 0,219 | 0,188 | 0 | 0 | 0,3 |
| 5 | 0,183 | 0,187 | 0,226 | 0,59 | 0,582 | 0,823 | 0,412 | 0,626 | 0,696 | 0,617 | 0,18 | 0,027 | 0,368 | 0,587 | 0,868 | 0,882 | 1 | 0,8 |
| 6 | 0,1 | 0,517 | 0,449 | 0,271 | 0,228 | 1 | 0,605 | 0,367 | 0,279 | 0,735 | 0,231 | 0,204 | 0,514 | 0,494 | 0,69 | 0,863 | 0,871 | 0,4 |
| 7 | 0,346 | 0,374 | 0,494 | 0,435 | 0,284 | 0,29 | 0,245 | 0,364 | 0,685 | 0,794 | 0,528 | 0,245 | 0,407 | 0,718 | 0,771 | 0,532 | 0,28 | 0,6 |
| 8 | 0,583 | 0,597 | 0,576 | 0,448 | 0,387 | 0,419 | 0,302 | 0,368 | 0,656 | 0,818 | 0,585 | 0,372 | 0,43 | 1 | 1 | 0,844 | 0,632 | 0,8 |
| 9 | 0,123 | 0,201 | 0,4 | 0,52 | 0,322 | 0,037 | 0,177 | 0,633 | 0,669 | 0,784 | 0,461 | 0,172 | 0,361 | 0,275 | 0,249 | 0,084 | 0,341 | 0,7 |
| 10 | 0,383 | 0,454 | 0,36 | 0,53 | 0,426 | 0,171 | 0,241 | 0,617 | 0,639 | 0,81 | 0,524 | 0,316 | 0,366 | 0,578 | 0,492 | 0,405 | 0,716 | 0,8 |
| 11 | 0,598 | 0,882 | 0,731 | 0,994 | 0,852 | 0,558 | 0,373 | 0,756 | 1 | 0,849 | 0,778 | 0,954 | 0,866 | 0,165 | 0,445 | 0,392 | 0,445 | 0,7 |
| 12 | 0,704 | 0,969 | 0,845 | 0,99 | 0,946 | 0,679 | 0,422 | 0,734 | 0,955 | 0,869 | 0,794 | 0,975 | 0,877 | 0,446 | 0,684 | 0,709 | 0,783 | 0,9 |
| 13 | 0,742 | 0,925 | 0,806 | 0,747 | 0,679 | 0,788 | 0,558 | 0,67 | 0,691 | 0,718 | 0,775 | 0,94 | 0,869 | 0,397 | 0,588 | 0,717 | 0,758 | 0,7 |
| 14 | 0,859 | 0,801 | 0,89 | 0,752 | 0,585 | 0,757 | 0,616 | 0,553 | 0,596 | 0,837 | 0,831 | 0,807 | 1 | 0,482 | 0,668 | 0,725 | 0,945 | 0,8 |
| 15 | 0,705 | 0,776 | 0,822 | 0,64 | 0,538 | 0,622 | 0,518 | 0,528 | 0,497 | 0,692 | 0,768 | 0,799 | 0,925 | 0,301 | 0,433 | 0,523 | 0,524 | 0,6 |
| 16 | 1 | 1 | 0,722 | 0,997 | 1 | 0,96 | 0,573 | 0,65 | 0,805 | 0,836 | 1 | 1 | 0,704 | 0,456 | 0,634 | 1 | 0,924 | 0,7 |
| 17 | 0,899 | 0,828 | 0,519 | 1 | 0,905 | 0,84 | 0,536 | 0,662 | 0,833 | 0,811 | 0,989 | 0,958 | 0,618 | 0,174 | 0,387 | 0,67 | 0,606 | 0,6 |
| 18 | 0,345 | 0,551 | 0,521 | 0,111 | 0,096 | 0,024 | 0,151 | 0,453 | 0,594 | 0,58 | 0,543 | 0,567 | 0,61 | 0,243 | 0,154 | 0,199 | 0,219 | 0,9 |
| 19 | 0,4 | 0,493 | 0,422 | 0,443 | 0,331 | 0,131 | 0,072 | 0,406 | 0,596 | 0,741 | 0,567 | 0,417 | 0,427 | 0,487 | 0,394 | 0,269 | 0,294 | 0,6 |
| 20 | 0,503 | 0,9 | 1 | 0,74 | 0,48 | 0,671 | 1 | 1 | 0,576 | 0,608 | 0,621 | 0,685 | 0,954 | 0,561 | 0,686 | 0,978 | 0,929 | 0,8 |
| 21 | 0,734 | 0,722 | 0,838 | 0,984 | 0,732 | 0,528 | 0,438 | 0,6 | 0,861 | 1 | 0,859 | 0,788 | 0,965 | 0,273 | 0,534 | 0,392 | 0,625 | 0,8 |
| 22 | 0,573 | 0,715 | 0,824 | 0,855 | 0,674 | 0,398 | 0,339 | 0,566 | 0,709 | 0,799 | 0,768 | 0,785 | 0,965 | 0,078 | 0,277 | 0,198 | 0,171 | 0,7 |
| 23 | 0,453 | 0,557 | 0,507 | 0,25 | 0,142 | 0,234 | 0,203 | 0,372 | 0,371 | 0,598 | 0,563 | 0,476 | 0,571 | 0,439 | 0,335 | 0,286 | 0,289 | 0,3 |
| 24 | 0,622 | 0,655 | 0,656 | 0,239 | 0,179 | 0,529 | 0,432 | 0,342 | 0,408 | 0,654 | 0,581 | 0,444 | 0,61 | 0,902 | 0,884 | 0,857 | 0,56 | 0,5 |

Excel spreadsheet showing data for columns AJ through BA. The data is organized in a grid with rows numbered 1 to 25 and columns labeled with codes like TDB5e, TDB6e, etc.

| Name | TDB5e | TDB6e | TDB7e | TDB8e | TDB9e | TDB10e | TDB11p | TDB2p | TDB3p | TDB4p | TDB5p | TDB6p | TDB7p | TDB8p | TDB9p | TDB10p | TDB11 | TDB21 |
|------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| 1 | 0,835 | 0,947 | 0,516 | 1 | 1 | 0 | 0,571 | 0,864 | 0,617 | 0,367 | 0,549 | 0,333 | 0 | 0 | 0 | 0 | 0,527 | 0,1 |
| 2 | 0,887 | 0,754 | 0,371 | 0,582 | 0,366 | 0,352 | 0,275 | 0,203 | 0,059 | 0,185 | 0,68 | 0,632 | 0,659 | 0,616 | 0,583 | 0,432 | 0,447 | 0,3 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0,192 | 0,15 | 0,07 | 0,302 | 0,379 | 0 | 0 | 0,732 | 0,518 | 0,256 | 0,23 | 0,491 | 0,6 |
| 4 | 0,383 | 0,486 | 0,134 | 0,182 | 0,149 | 0,278 | 0,544 | 0,368 | 0,136 | 0,004 | 0,403 | 0,685 | 0,855 | 0,627 | 0,449 | 0,366 | 0,599 | 0,5 |
| 5 | 0,91 | 1 | 1 | 0,74 | 0,463 | 0,982 | 0,354 | 0,458 | 0,806 | 0,405 | 0,563 | 0,405 | 0,598 | 0,284 | 0,149 | 0,265 | 0,177 | 0,2 |
| 6 | 0,441 | 0,663 | 0,882 | 0,533 | 0,348 | 1 | 0,093 | 0,08 | 1 | 0,679 | 0,388 | 0,101 | 0,763 | 0,348 | 0,266 | 0,332 | 0,216 | 0,4 |
| 7 | 0,625 | 0,557 | 0,35 | 0,304 | 0,243 | 0,497 | 0,285 | 0,208 | 0,299 | 0,241 | 0,313 | 0,682 | 0,869 | 0,599 | 0,341 | 0,3 | 0,858 | 0,8 |
| 8 | 0,75 | 0,607 | 0,492 | 0,483 | 0,404 | 0,609 | 0,166 | 0,219 | 0,319 | 0,207 | 0,264 | 0,581 | 0,835 | 0,584 | 0,378 | 0,301 | 1 | 0,9 |
| 9 | 0,729 | 0,5 | 0,254 | 0,194 | 0,159 | 0,408 | 0,564 | 0,413 | 0,147 | 0,15 | 0,702 | 0,73 | 0,904 | 0,587 | 0,335 | 0,293 | 0,585 | 0,5 |
| 10 | 0,871 | 0,556 | 0,409 | 0,388 | 0,342 | 0,499 | 0,433 | 0,422 | 0,17 | 0,118 | 0,615 | 0,621 | 0,866 | 0,572 | 0,376 | 0,291 | 0,739 | 0,5 |
| 11 | 0,792 | 0,725 | 0,445 | 0,602 | 0,401 | 0,359 | 0,994 | 0,976 | 0,708 | 0,451 | 0,802 | 1 | 0,936 | 0,828 | 0,976 | 0,887 | 0,242 | 0,1 |
| 12 | 0,907 | 0,76 | 0,571 | 0,771 | 0,484 | 0,406 | 0,862 | 0,974 | 0,716 | 0,406 | 0,722 | 0,89 | 0,902 | 0,797 | 0,952 | 0,849 | 0,393 | 0,2 |
| 13 | 0,737 | 0,563 | 0,442 | 0,774 | 0,574 | 0,422 | 0,65 | 0,676 | 0,832 | 0,573 | 0,686 | 0,708 | 0,795 | 0,776 | 0,908 | 0,861 | 0,405 | 0,3 |
| 14 | 0,815 | 0,574 | 0,656 | 0,901 | 0,546 | 0,521 | 0,615 | 0,545 | 0,767 | 0,618 | 0,493 | 0,505 | 0,846 | 0,81 | 0,794 | 1 | 0,176 | 0,2 |
| 15 | 0,685 | 0,436 | 0,437 | 0,85 | 0,538 | 0,507 | 0,604 | 0,576 | 0,689 | 0,575 | 0,572 | 0,541 | 0,765 | 0,775 | 0,806 | 0,928 | 0,382 | 0,3 |
| 16 | 0,717 | 0,762 | 0,349 | 0,813 | 0,412 | 0,347 | 0,869 | 1 | 0,962 | 0,588 | 0,64 | 0,78 | 0,888 | 0,963 | 0,982 | 0,667 | 0,404 | 0,1 |
| 17 | 0,627 | 0 | | | | | | | | | | | | | | | | |

| | BA | BB | BC | BD | BE | BF | BG | BH | BI | BJ | BK | BL | BM | BN | BO | BP | BQ | BR |
|----|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | TDB2i | TDB3i | TDB4i | TDB5i | TDB6i | TDB7i | TDB8i | TDB9i | TDB10i | TDB1s | TDB2s | TDB3s | TDB4s | TDB5s | TDB6s | TDB7s | TDB8s | TDB9s |
| 2 | 0,115 | 0,64 | 0,887 | 0,895 | 1 | 1 | 1 | 1 | 0,667 | 1 | 1 | 0,91 | 0,663 | 0,972 | 1 | 0,73 | 1 | |
| 3 | 0,397 | 0,767 | 0,598 | 0,83 | 0,817 | 0,661 | 0,548 | 0,359 | 0,506 | 0,266 | 0,221 | 0,255 | 0,268 | 0,657 | 0,476 | 0,13 | 0,126 | 0,1 |
| 4 | 0,667 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0,136 | 0,149 | 0,084 | 0,235 | 0,58 | 0 | 0 | 0,037 | 0,022 | |
| 5 | 0,581 | 0,758 | 0,815 | 0,267 | 0,44 | 0,14 | 0,144 | 0,119 | 0,234 | 0 | 0 | 0 | 0 | 0,226 | 0,229 | 0 | 0 | 0,0 |
| 6 | 0,279 | 0,175 | 0,729 | 0,77 | 0,884 | 0,717 | 0,669 | 0,73 | 1 | 0,887 | 0,811 | 0,905 | 1 | 0,743 | 0,765 | 0,834 | 0,42 | 0,2 |
| 7 | 0,466 | 0 | 0,232 | 0,328 | 0,839 | 0,498 | 0,542 | 0,47 | 0,843 | 0,589 | 0,491 | 0,601 | 0,632 | 0,127 | 0,335 | 0,581 | 0,057 | 0,2 |
| 8 | 0,882 | 0,91 | 0,339 | 0,514 | 0,535 | 0,255 | 0,141 | 0,226 | 0,496 | 0,284 | 0,223 | 0,295 | 0,378 | 0,631 | 0,25 | 0,147 | 0,065 | 0,1 |
| 9 | 0,925 | 0,97 | 0,391 | 0,539 | 0,568 | 0,296 | 0,2 | 0,24 | 0,502 | 0,535 | 0,373 | 0,767 | 0,92 | 0,876 | 0,305 | 0,722 | 0,136 | 0,2 |
| 10 | 0,544 | 0,764 | 0,924 | 0,453 | 0,53 | 0,217 | 0,143 | 0,222 | 0,469 | 0,108 | 0,081 | 0,119 | 0,419 | 0,502 | 0,212 | 0,097 | 0,029 | 0,0 |
| 11 | 0,594 | 0,827 | 0,944 | 0,487 | 0,565 | 0,263 | 0,205 | 0,239 | 0,487 | 0,372 | 0,236 | 0,59 | 0,998 | 0,804 | 0,273 | 0,704 | 0,105 | 0,2 |
| 12 | 0,172 | 0,376 | 0,909 | 0,806 | 0,63 | 0,342 | 0,422 | 0,198 | 0 | 0,423 | 0,365 | 0,351 | 0,271 | 0,522 | 0,562 | 0,448 | 0,14 | 0,2 |
| 13 | 0,229 | 0,451 | 0,929 | 0,813 | 0,655 | 0,377 | 0,472 | 0,223 | 0,055 | 0,656 | 0,514 | 0,822 | 0,811 | 0,775 | 0,592 | 1 | 0,206 | 0,3 |
| 14 | 0,361 | 0,362 | 0,662 | 0,544 | 0,472 | 0,461 | 0,513 | 0,349 | 0,119 | 0,475 | 0,34 | 0,562 | 0,55 | 0,479 | 0,366 | 0,488 | 0,165 | 0,3 |
| 15 | 0,205 | 0,213 | 0,483 | 0,446 | 0,388 | 0,486 | 0,459 | 0,331 | 0,171 | 0,46 | 0,379 | 0,503 | 0,592 | 0,47 | 0,321 | 0,686 | 0,247 | 0,3 |
| 16 | 0,339 | 0,453 | 0,388 | 0,546 | 0,48 | 0,548 | 0,528 | 0,4 | 0,279 | 0,353 | 0,236 | 0,408 | 0,324 | 0,264 | 0,204 | 0,453 | 0,185 | 0,2 |
| 17 | 0,154 | 0,625 | 1 | 0,543 | 0,671 | 0,25 | 0,406 | 0,057 | 0,06 | 0,683 | 0,525 | 1 | 0,906 | 0,774 | 0,567 | 0,764 | 0,238 | 0,3 |
| 18 | 0,087 | 0,529 | 0,955 | 0,572 | 0,583 | 0,172 | 0,316 | 0,012 | 0,026 | 0,451 | 0,375 | 0,509 | 0,408 | 0,547 | 0,534 | 0,204 | 0,161 | 0,2 |
| 19 | 0,422 | 0,767 | 0,456 | 1 | 0,861 | 0,735 | 0,639 | 0,418 | 0,449 | 0,385 | 0,262 | 0,585 | 0,581 | 0,596 | 0,467 | 0,865 | 0,151 | 0,2 |
| 20 | 0,607 | 0,777 | 0,768 | 0,418 | 0,545 | 0,209 | 0,21 | 0,162 | 0,355 | 0,243 | 0,141 | 0,421 | 0,479 | 0,523 | 0,283 | 0,529 | 0,072 | 0,2 |
| 21 | 0,414 | 0,843 | 0,198 | 0,336 | 0,324 | 0,027 | 0,13 | 0,115 | 0,335 | 0,502 | 0,588 | 0,556 | 0,734 | 1 | 0,295 | 0,242 | 0,091 | 0,3 |
| 22 | 0 | 0,168 | 0,607 | 0,637 | 0,616 | 0,364 | 0,361 | 0,223 | 0,127 | 0,409 | 0,405 | 0,288 | 0,319 | 0,494 | 0,498 | 0,654 | 0,238 | 0,1 |
| 23 | 0,155 | 0,425 | 0,492 | 0,749 | 0,709 | 0,455 | 0,439 | 0,281 | 0,19 | 0,292 | 0,245 | 0,2 | 0,035 | 0,237 | 0,329 | 0,412 | 0,166 | 0,1 |
| 24 | 0,701 | 0,69 | 0,561 | 0,083 | 0,204 | 0,198 | 0,238 | 0,22 | 0,19 | 0,095 | 0,014 | 0,199 | 0,281 | 0,259 | 0,104 | 0,103 | 0,035 | 0,1 |
| 25 | 1 | 0,897 | 0,131 | 0,155 | 0,25 | 0,288 | 0,253 | 0,304 | 0,318 | 0,355 | 0,215 | 0,508 | 0,642 | 0,552 | 0,111 | 0,227 | 0,092 | 0,2 |

| | BR | BS | BT | BU | BV | BW | BX | BY | BZ | CA | CB | CC | CD | CE | CF | CG | CH | CI |
|----|-------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | TDB9s | TDB10s | TDB1r | TDB2r | TDB5r | TDB6r | TDB7r | TDB8r | TDB10r | PPSA-1 | PPSA-2 | PPSA-3 | PNSA-1 | PNSA-2 | PNSA-3 | DPSA-1 | DPSA-2 | DPSA-3 |
| 2 | 1 | 0 | 0,693 | 0,886 | 0,621 | 0,785 | 0,9 | 0,151 | 0 | 0 | 0 | 0,206 | 0,33 | 0,89 | 0,506 | 0 | 0 | 0,4 |
| 3 | 0,146 | 0,308 | 0,12 | 0,101 | 0,651 | 0,712 | 0,49 | 0,447 | 0,47 | 0,456 | 0,219 | 0,247 | 0,446 | 0,801 | 0,718 | 0,524 | 0,183 | 0,2 |
| 4 | 0 | 0,403 | 0 | 0 | 0 | 0 | 0,525 | 0 | 0,329 | 0,509 | 0,235 | 0,139 | 0,368 | 0,839 | 0,809 | 0,636 | 0,181 | 0,1 |
| 5 | 0,028 | 0,35 | 0,483 | 0,264 | 0,371 | 0,636 | 0,66 | 0,252 | 0,441 | 0,489 | 0,237 | 0,134 | 0,141 | 0,914 | 0,994 | 0,738 | 0,157 | 0,0 |
| 6 | 0,264 | 1 | 0,53 | 0,524 | 0,618 | 0,77 | 0,698 | 0,015 | 0,526 | 0,192 | 0,085 | 0,112 | 0,122 | 0,951 | 0,719 | 0,364 | 0,039 | 0,2 |
| 7 | 0,205 | 0,85 | 0,232 | 0,126 | 0,365 | 0,329 | 0,821 | 0,186 | 0,619 | 0,386 | 0,159 | 0 | 0 | 1 | 1 | 0,683 | 0,074 | 0 |
| 8 | 0,102 | 0,506 | 0,585 | 0,343 | 0,372 | 0,708 | 0,777 | 0,214 | 0,479 | 0,525 | 0,36 | 0,534 | 0,288 | 0,743 | 0,482 | 0,701 | 0,301 | 0,5 |
| 9 | 0,299 | 0,742 | 0,624 | 0,462 | 0,392 | 0,687 | 0,83 | 0,381 | 0,521 | 0,511 | 0,477 | 0,836 | 0,352 | 0,573 | 0 | 0,647 | 0,44 | 0 |
| 10 | 0,026 | 0,467 | 0,581 | 0,349 | 0,642 | 0,683 | 0,756 | 0,125 | 0,428 | 0,408 | 0,181 | 0,122 | 0,31 | 0,874 | 0,917 | 0,538 | 0,132 | 0,1 |
| 11 | 0,255 | 0,567 | 0,62 | 0,469 | 0,645 | 0,664 | 0,812 | 0,314 | 0,45 | 0,392 | 0,288 | 0,421 | 0,393 | 0,699 | 0,42 | 0,471 | 0,265 | 0,5 |
| 12 | 0,234 | 0,429 | 0,964 | 0,85 | 0,74 | 1 | 0,845 | 0,923 | 0,865 | 0,397 | 0,282 | 0,495 | 0,885 | 0,49 | 0,599 | 0,203 | 0,333 | 0,0 |
| 13 | 0,342 | 0,529 | 0,99 | 0,961 | 0,737 | 0,965 | 0,89 | 0,964 | 0,876 | 0,381 | 0,385 | 0,814 | 0,976 | 0,254 | 0,081 | 0,132 | 0,485 | 0,9 |
| 14 | 0,356 | 0,432 | 0,757 | 0,658 | 0,664 | 0,714 | 0,698 | 0,959 | 0,875 | 0,566 | 0,492 | 0,692 | 0,675 | 0,422 | 0,278 | 0,539 | 0,502 | 0,0 |
| 15 | 0,303 | 0,459 | 0,69 | 0,521 | 0,545 | 0,588 | 0,818 | 0,799 | 1 | 0,752 | 0,635 | 1 | 0,696 | 0,374 | 0,366 | 0,766 | 0,188 | 0,8 |
| 16 | 0,295 | 0,426 | 0,626 | 0,511 | 0,555 | 0,538 | 0,663 | 0,809 | 0,928 | 0,734 | 0,61 | 0,922 | 0,74 | 0,366 | 0,406 | 0,718 | 0,604 | 0,7 |
| 17 | 0,347 | 0,517 | 1 | 1 | 0,629 | 0,84 | 0,8 | 1 | 0,73 | 0,338 | 0,334 | 0,484 | 1 | 0,287 | 0,067 | 0,672 | 0,439 | 0,8 |
| 18 | 0,25 | 0,327 | 0,972 | 0,887 | 0,626 | 0,855 | 0,743 | 0,95 | 0,639 | 0,42 | 0,266 | 0,473 | 0,891 | 0,531 | 0,697 | 0,229 | 0,308 | 0,3 |
| 19 | 0,222 | 0,438 | 0,07 | 0,107 | 0,498 | 0,69 | 0,611 | 0,581 | 0,672 | 0,423 | 0,343 | 0,333 | 0,602 | 0,549 | 0,218 | 0,395 | 0,55 | 0,6 |
| 20 | 0,216 | 0,488 | 0,508 | 0,368 | 0,412 | 0,631 | 0,716 | 0,412 | 0,493 | 0,46 | 0,344 | 0,312 | 0,559 | 0,595 | 0,29 | 0,465 | 0,341 | 0,5 |
| 21 | 0,399 | 0,752 | 0,79 | 0,484 | 1 | 0,601 | 0,533 | 0,653 | 0,98 | 1 | 1 | 0,792 | 0,949 | 0 | 0,092 | 0,945 | 1 | 0,9 |
| 22 | 0,168 | 0,432 | 0,877 | 0,679 | 0,582 | 0,828 | 1 | 0,743 | 0,947 | 0,543 | 0,382 | 0,628 | 0,59 | 0,588 | 0,536 | 0,555 | 0,369 | 0,5 |
| 23 | 0,186 | 0,426 | 0,801 | 0,662 | 0,591 | 0,74 | 0,781 | 0,751 | 0,935 | 0,478 | 0,337 | 0,612 | 0,636 | 0,582 | 0,637 | 0,447 | 0,34 | 0,4 |
| 24 | 0,187 | 0,398 | 0,321 | 0,144 | 0,361 | 0,402 | 0,529 | 0,477 | 0,633 | 0,694 | 0,463 | 0,285 | 0,142 | 0,795 | 0,72 | 1 | 0,355 | 0,3 |
| 25 | 0,259 | 0,554 | 0,411 | 0,213 | 0,347 | 0,439 | 0,613 | 0,459 | 0,694 | 0,654 | 0,559 | 0,563 | 0,146 | 0,69 | 0,284 | 0,947 | 0,458 | 0,7 |

| | CI | CI | CK | CL | CM | CN | CO | CP | CQ | CR | CS | CT | CU | CV | CW | CX | CY | CZ |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|------|
| 1 | DPSA-3 | FPSA-1 | FPSA-2 | FPSA-3 | FNSA-2 | FNSA-3 | WPSA-1 | WPSA-2 | WPSA-3 | WNSA-1 | WNSA-2 | WNSA-3 | RPCG | RNCG | RPCS | RNCS | THSA | TPSA |
| 2 | 0,404 | 0 | 0 | 1 | 0,598 | 0 | 0 | 0 | 0,044 | 0,985 | 0,895 | 0,569 | 1 | 0,307 | 0,849 | 0 | 0,5 | 0 |
| 3 | 0,286 | 0,541 | 0,216 | 0,175 | 0,781 | 0,803 | 0,346 | 0,187 | 0,256 | 0,31 | 0,841 | 0,766 | 0,47 | 0,874 | 0,265 | 0,977 | 0,484 | 0,3 |
| 4 | 0,182 | 0,656 | 0,236 | 0,002 | 0,856 | 0,903 | 0,381 | 0,2 | 0,21 | 0,279 | 0,861 | 0,805 | 0,508 | 0,895 | 0,147 | 1 | 0,524 | 0,2 |
| 5 | 0,062 | 0,823 | 0,305 | 0,147 | 0,923 | 1 | 0,33 | 0,181 | 0,155 | 0,121 | 0,926 | 0,941 | 0,477 | 0,863 | 0,172 | 0,738 | 0,44 | 0,4 |
| 6 | 0,228 | 0,495 | 0,153 | 0,61 | 0,815 | 0,409 | 0,102 | 0,052 | 0,01 | 0,003 | 0,996 | 0,934 | 0,979 | 0,96 | 0,386 | 0,842 | 0,128 | 0,4 |
| 7 | 0 | 0,846 | 0,238 | 0,178 | 1 | 0,88 | 0,227 | 0,11 | 0,024 | 0 | 1 | 1 | 1 | 0,923 | 0,377 | 0,175 | 0,356 | 0 |
| 8 | 0,562 | 0,735 | 0,481 | 0,572 | 0,682 | 0,578 | 0,383 | 0,275 | 0,401 | 0,231 | 0,805 | 0,643 | 0,238 | 0,673 | 0,162 | 0,312 | 0,443 | 0,4 |
| 9 | 1 | 0,67 | 0,692 | 0,97 | 0,404 | 0,131 | 0,38 | 0,353 | 0,561 | 0,268 | 0,697 | 0,387 | 0,038 | 0,453 | 0,109 | 0,159 | 0,311 | 0 |
| 10 | 0,105 | 0,596 | 0,197 | 0,14 | 0,848 | 0,917 | 0,286 | 0,146 | 0,146 | 0,198 | 0,905 | 0,907 | 0,542 | 0,931 | 0,264 | 0,796 | 0,421 | 0,2 |
| 11 | 0,553 | 0,512 | 0,397 | 0,548 | 0,548 | 0,433 | 0,285 | 0,213 | 0,298 | 0,246 | 0,799 | 0,655 | 0,244 | 0,607 | 0,181 | 0,493 | 0,294 | 0,7 |
| 12 | 0,47 | 0,172 | 0,265 | 0,337 | 0,355 | 0,79 | 0,356 | 0,251 | 0,452 | 0,604 | 0,61 | 0,645 | 0,249 | 0,636 | 0,19 | 0,56 | 0,604 | 0,2 |
| 13 | 0,939 | 0,096 | 0,436 | 0,717 | 0 | 0,349 | 0,354 | 0,326 | 0,637 | 0,666 | 0,447 | 0,347 | 0,044 | 0,41 | 0,132 | 0,347 | 0,489 | 0,5 |
| 14 | 0,76 | 0,492 | 0,587 | 0,485 | 0,306 | 0,568 | 0,48 | 0,412 | 0,604 | 0,53 | 0,54 | 0,427 | 0,051 | 0,418 | 0,114 | 0,403 | 0,589 | 0,0 |
| 15 | 0,837 | 0,647 | 0,698 | 0,601 | 0,369 | 0,781 | 0,669 | 0,571 | 0,906 | 0,641 | 0,442 | 0,378 | 0,296 | 0,38 | 1 | 0,322 | 0,762 | 0,5 |
| 16 | 0,777 | 0,603 | 0,659 | 0,51 | | | | | | | | | | | | | | |

Data Pretreatment.xlsx - Excel

| | CZ | DA | DB | DC | DD | DE | DF | DG | DH | DI | DJ | DK | DL | DM | DN | DO | DP | DQ |
|----|-------|-------|--------|---------|--------|--------|--------|--------|---------|---------|--------|----------|----------|---------|--------|--------|--------|--------|
| 1 | TPSA | RHSA | GRAV-1 | GRAVH-2 | GRAV-4 | LOBMAX | MOMI-X | MOMI-Z | MOMI-XY | MOMI-XZ | MOMI-R | geomRadi | geomDian | geomSha | RDF10u | RDF15u | RDF20u | RDF25u |
| 2 | 0.566 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.122 | 0 | 0 | 0 | 0.23 | 0 | 0 | 0 | 0 |
| 3 | 0.326 | 0.778 | 0.151 | 0.212 | 0.133 | 0.304 | 0.154 | 0.113 | 0.403 | 0.492 | 0.291 | 0.286 | 0.364 | 0.815 | 0.5 | 0.353 | 0.166 | 0.5 |
| 4 | 0.238 | 0.885 | 0.203 | 0.28 | 0.211 | 0.132 | 0.128 | 0.37 | 0.972 | 0 | 0.313 | 0.203 | 0.277 | 0.728 | 0.531 | 0.508 | 0.152 | 0 |
| 5 | 0.19 | 0.87 | 0.294 | 0.37 | 0.282 | 0.247 | 0.175 | 0.393 | 0.797 | 0.082 | 0.371 | 0.201 | 0.276 | 0.737 | 0.531 | 0.725 | 0.332 | 0.5 |
| 6 | 0.405 | 0.353 | 0.085 | 0.099 | 0.068 | 0.544 | 0.041 | 0.017 | 0.672 | 0.283 | 0.075 | 0.092 | 0.137 | 0.438 | 0.001 | 0.03 | 0.24 | 0 |
| 7 | 0 | 1 | 0.159 | 0.19 | 0.125 | 0.557 | 0.084 | 0.028 | 0.442 | 0.458 | 0.137 | 0.186 | 0.275 | 0.815 | 0 | 0.07 | 0.522 | 0 |
| 8 | 0.481 | 0.611 | 0.349 | 0.409 | 0.321 | 0.552 | 0.179 | 0.391 | 0.946 | 0.092 | 0.368 | 0.292 | 0.302 | 0.4 | 0.344 | 0.623 | 0.482 | 0.4 |
| 9 | 1 | 0.059 | 0.427 | 0.488 | 0.409 | 0.557 | 0.226 | 0.477 | 0.928 | 0.106 | 0.426 | 0.292 | 0.303 | 0.409 | 0.44 | 0.645 | 0.585 | 0.5 |
| 10 | 0.232 | 0.816 | 0.257 | 0.319 | 0.235 | 0.359 | 0.135 | 0.298 | 0.947 | 0.092 | 0.303 | 0.284 | 0.283 | 0.327 | 0.347 | 0.592 | 0.191 | 0.3 |
| 11 | 0.758 | 0.229 | 0.336 | 0.401 | 0.323 | 0.365 | 0.177 | 0.391 | 0.974 | 0.088 | 0.363 | 0.284 | 0.285 | 0.335 | 0.443 | 0.613 | 0.295 | 0.3 |
| 12 | 0.285 | 0.896 | 0.434 | 0.494 | 0.376 | 1 | 0.347 | 0.465 | 0.591 | 0.356 | 0.587 | 0.615 | 0.562 | 0.328 | 0.786 | 0.544 | 0.45 | 0.4 |
| 13 | 0.81 | 0.38 | 0.512 | 0.57 | 0.465 | 0.964 | 0.411 | 0.529 | 0.544 | 0.397 | 0.636 | 0.615 | 0.563 | 0.335 | 0.881 | 0.566 | 0.554 | 0.4 |
| 14 | 0.576 | 0.65 | 0.586 | 0.643 | 0.531 | 0.153 | 0.484 | 0.566 | 0.449 | 0.48 | 0.685 | 0.617 | 0.686 | 0.955 | 0.879 | 0.611 | 0.846 | 0.6 |
| 15 | 0.533 | 0.8 | 0.659 | 0.71 | 0.587 | 0.25 | 0.626 | 0.476 | 0.165 | 0.887 | 0.74 | 0.779 | 0.801 | 0.805 | 0.763 | 0.655 | 0.738 | 0.7 |
| 16 | 0.488 | 0.841 | 0.632 | 0.696 | 0.564 | 0.239 | 0.636 | 0.464 | 0.144 | 0.93 | 0.747 | 0.777 | 0.798 | 0.801 | 0.986 | 0.729 | 0.706 | 0.8 |
| 17 | 0.8 | 0.364 | 0.51 | 0.568 | 0.49 | 0.079 | 0.353 | 0.552 | 0.715 | 0.267 | 0.569 | 0.448 | 0.501 | 0.771 | 0.855 | 0.608 | 0.516 | 0.5 |
| 18 | 0.325 | 0.869 | 0.433 | 0.492 | 0.402 | 0.087 | 0.294 | 0.444 | 0.698 | 0.277 | 0.504 | 0.448 | 0.496 | 0.742 | 0.767 | 0.58 | 0.424 | 0.5 |
| 19 | 0.758 | 0.338 | 0.274 | 0.358 | 0.257 | 0.193 | 0.279 | 0.269 | 0.383 | 0.517 | 0.472 | 0.597 | 0.561 | 0.401 | 0.725 | 0.499 | 0.298 | 0 |
| 20 | 0.717 | 0.396 | 0.375 | 0.452 | 0.37 | 0.068 | 0.224 | 0.49 | 0.951 | 0.09 | 0.434 | 0.321 | 0.308 | 0.291 | 0.576 | 0.785 | 0.359 | 0.7 |
| 21 | 0.742 | 0.793 | 1 | 1 | 1 | 0.224 | 1 | 1 | 0 | 0.709 | 1 | 1 | 1 | 1 | 0.816 | 1 | 1 | 0.319 |
| 22 | 0.434 | 0.755 | 0.507 | 0.565 | 0.435 | 0.192 | 0.468 | 0.319 | 0.168 | 0.886 | 0.613 | 0.668 | 0.738 | 0.988 | 0.685 | 0.581 | 0.364 | 0.5 |
| 23 | 0.347 | 0.819 | 0.481 | 0.55 | 0.413 | 0.195 | 0.477 | 0.286 | 0.116 | 1 | 0.61 | 0.676 | 0.749 | 1 | 0.906 | 0.655 | 0.33 | 0.7 |
| 24 | 0.282 | 0.886 | 0.447 | 0.528 | 0.437 | 0.107 | 0.271 | 0.578 | 0.751 | 0.1 | 0.493 | 0.372 | 0.395 | 0.551 | 0.625 | 0.783 | 0.693 | 0.6 |
| 25 | 0.529 | 0.606 | 0.499 | 0.562 | 0.474 | 0.096 | 0.275 | 0.566 | 0.728 | 0.117 | 0.489 | 0.293 | 0.35 | 0.692 | 0.485 | 0.681 | 1 | 0.5 |

Data Pretreatment.xlsx - Excel

| | DQ | DR | DS | DT | DU | DV | DW | DX | DY | DZ | EA | EB | EC | ED | EE | EF | EG | EH |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 1 | RDF25u | RDF30u | RDF35u | RDF40u | RDF45u | RDF50u | RDF55u | RDF60u | RDF65u | RDF70u | RDF75u | RDF80u | RDF85u | RDF90u | RDF95u | RDF100u | RDF105u | RDF110u |
| 2 | 0.049 | 0.005 | 0.069 | 0 | 0 | 0 | 0.014 | 0.019 | 0 | 0.118 | 0 | 0 | 0 | 0 | 0 | 0.064 | 0 | 0 |
| 3 | 0.563 | 0.217 | 0.113 | 0.312 | 0.198 | 0.375 | 0.014 | 0 | 0.318 | 0.233 | 0.554 | 0.01 | 0.394 | 0.664 | 0.272 | 0.613 | 0.215 | 0.1 |
| 4 | 0.49 | 0.487 | 0.882 | 0.866 | 0.747 | 0.447 | 0.561 | 0.577 | 0.438 | 0.36 | 0.206 | 0.97 | 0.323 | 0.591 | 0.601 | 0.16 | 0.274 | 0.1 |
| 5 | 0.585 | 0.63 | 0.858 | 0.797 | 0.204 | 0.51 | 0.576 | 0.801 | 0.338 | 0.546 | 0.319 | 0.795 | 0.627 | 0.325 | 0.83 | 0.459 | 0.542 | 0.3 |
| 6 | 0 | 0 | 0.039 | 0.039 | 0.114 | 0.06 | 0 | 0.084 | 0.121 | 0 | 0.11 | 0.116 | 0.095 | 0.317 | 0.217 | 0 | 0.087 | 0 |
| 7 | 0.08 | 0.159 | 0 | 0.231 | 0.283 | 0.15 | 0.02 | 0.295 | 0.248 | 0.192 | 0.165 | 0.298 | 0.239 | 0.444 | 0.247 | 0.172 | 0.131 | 0 |
| 8 | 0.479 | 0.389 | 0.558 | 0.524 | 0.332 | 0.565 | 0.201 | 0.327 | 0.301 | 0.315 | 0.291 | 0.466 | 0.531 | 0.49 | 0.737 | 0.248 | 0.657 | 0.1 |
| 9 | 0.525 | 0.391 | 0.556 | 0.598 | 0.451 | 0.608 | 0.239 | 0.309 | 0.336 | 0.258 | 0.318 | 0.473 | 0.54 | 0.668 | 0.591 | 0.263 | 0.636 | 0.1 |
| 10 | 0.344 | 0.539 | 0.197 | 0.402 | 0.255 | 0.342 | 0.127 | 0.404 | 0.239 | 0.348 | 0.284 | 0.153 | 0.468 | 0.317 | 0.549 | 0.152 | 0.359 | 0 |
| 11 | 0.389 | 0.541 | 0.195 | 0.477 | 0.374 | 0.386 | 0.166 | 0.393 | 0.28 | 0.309 | 0.316 | 0.153 | 0.502 | 0.505 | 0.508 | 0.355 | 0.382 | 0 |
| 12 | 0.475 | 0.176 | 0.37 | 0.51 | 0.312 | 0.807 | 0.123 | 0.353 | 0.677 | 0.316 | 0.606 | 0.518 | 0.425 | 0.726 | 0.582 | 0.488 | 0.608 | 0.3 |
| 13 | 0.52 | 0.178 | 0.368 | 0.585 | 0.43 | 0.852 | 0.162 | 0.345 | 0.729 | 0.278 | 0.641 | 0.521 | 0.442 | 0.755 | 0.489 | 0.543 | 0.617 | 0.3 |
| 14 | 0.623 | 0.434 | 0.293 | 0.701 | 0.573 | 0.906 | 0.253 | 0.395 | 0.889 | 0.429 | 0.632 | 0.597 | 0.671 | 1 | 0.407 | 0.583 | 0.933 | 0.4 |
| 15 | 0.732 | 0.496 | 0.494 | 0.453 | 0.606 | 0.443 | 0.294 | 0.322 | 0.807 | 0.438 | 0.312 | 0.555 | 0.936 | 0.942 | 0.305 | 0.387 | 0.723 | 0.9 |
| 16 | 0.887 | 0.528 | 0.49 | 0.581 | 0.626 | 0.762 | 0.302 | 0.164 | 0.674 | 0.414 | 0.625 | 0.548 | 0.495 | 0.828 | 0.394 | 0.761 | 0.504 | 0.4 |
| 17 | 0.507 | 0.226 | 0.542 | 0.496 | 0.521 | 0.606 | 0.663 | 0.632 | 0.414 | 0.616 | 0.304 | 0.459 | 0.214 | 0.69 | 0.964 | 0.498 | 0.748 | 0.6 |
| 18 | 0.501 | 0.207 | 0.503 | 0.492 | 0.418 | 0.629 | 0.657 | 0.607 | 0.376 | 0.545 | 0.285 | 0.472 | 0.088 | 0.719 | 0.743 | 0.574 | 0.529 | 0.6 |
| 19 | 0.79 | 0.352 | 0.152 | 0.36 | 0.32 | 0.588 | 0.011 | 0.173 | 0.495 | 0.122 | 0.754 | 0.013 | 0.265 | 0.623 | 0.406 | 1 | 0.296 | 0.3 |
| 20 | 0.707 | 0.706 | 0.815 | 0.67 | 0.439 | 0.609 | 0.225 | 0.488 | 0.424 | 0.563 | 0.274 | 1 | 0.676 | 0.674 | 0.845 | 0.472 | 0.526 | 0.1 |
| 21 | 1 | 1 | 1 | 0.766 | 0.733 | 1 | 1 | 0.391 | 0.771 | 1 | 1 | 1 | 0.853 | 1 | 0.965 | 1 | 0.92 | 0.892 |
| 22 | 0.589 | 0.245 | 0.424 | 0.458 | 0.316 | 0.4 | 0.095 | 0.278 | 0.523 | 0.478 | 0.299 | 0.19 | 0.732 | 0.811 | 0.459 | 0.358 | 0.64 | 0 |
| 23 | 0.743 | 0.275 | 0.42 | 0.586 | 0.335 | 0.72 | 0.104 | 0.123 | 0.392 | 0.458 | 0.61 | 0.215 | 0.371 | 0.667 | 0.532 | 0.629 | 0.345 | 0 |
| 24 | 0.605 | 0.733 | 1 | 1 | 0.391 | 0.626 | 1 | 1 | 0.506 | 0.58 | 0.402 | 0.944 | 0.544 | 0.624 | 0.645 | 0.69 | 1 | 0.4 |
| 25 | 0.526 | 0.326 | 0.498 | 0.712 | 0.422 | 0.582 | 0.927 | 0.83 | 0.431 | 0.601 | 0.38 | 0.676 | 0.289 | 0.779 | 0.662 | 0.466 | 0.69 | 0 |

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| | EH | EI | EJ | EK | EL | EM | EN | EO | EP | EQ | ER | ES | ET | EU | EV | EW | EX | EY |
|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | RDF110u | RDF115u | RDF120u | RDF125u | RDF130u | RDF135u | RDF140u | RDF145u | RDF150u | RDF155u | RDF160u | RDF165u | RDF170u | RDF175u | RDF180u | RDF185u | RDF190u | RDF195u |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.348 | 0 | 0 | 0 | 0 | 0.009 | 0 | 0.003 | 0 |
| 3 | 0.119 | 0.383 | 0.158 | 0 | 0.335 | 0.115 | 0 | 0 | 0 | 0 | 0.559 | 0.14 | 0.205 | 0.001 | 0.019 | 0.102 | 0 | 0.2 |
| 4 | 0.169 | 0.047 | 0.261 | 0.094 | 0.065 | 0 | 0 | 0 | 0 | 0 | 0.553 | 0.114 | 0.307 | 0.159 | 0.389 | 0.291 | 0.338 | 0.1 |
| 5 | 0.371 | 0.295 | 0.179 | 0.151 | 0.06 | 0 | 0 | 0 | 0 | 0 | 0.553 | 0.164 | 0.483 | 0.148 | 0.388 | 0.223 | 0.414 | 0.2 |
| 6 | 0.094 | 0.018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.068 | 0.317 | 0.024 | 0.001 | 0.007 | 0.009 | 0.01 | 0 |
| 7 | 0.087 | 0.204 | 0.128 | 0.073 | 0.053 | 0 | 0 | 0 | 0 | 0 | 0 | 0.677 | 0.104 | 0.063 | 0 | 0.049 | 0.01 | 0 |
| 8 | 0.128 | 0.178 | 0.067 | 0.195 | 0.008 | 0 | 0 | 0 | 0 | 0 | 0.382 | 0.511 | 0.458 | 0.083 | 0.222 | 0.234 | 0.184 | 0.3 |
| 9 | 0.139 | 0.329 | 0.194 | 0.19 | 0.005 | 0 | 0 | 0 | 0 | 0 | 0.537 | 0.603 | 0.536 | 0.086 | 0.244 | 0.286 | 0.217 | 0.3 |
| 10 | 0.18 | 0.133 | 0.117 | 0 | 0.11 | 0 | 0 | 0 | 0 | 0 | 0.386 | 0.169 | 0.203 | 0.112 | 0.179 | 0.127 | 0.476 | 0.1 |
| 11 | 0.38 | 0.219 | 0.286 | 0 | 0.111 | 0 | 0 | 0 | 0 | 0 | 0.54 | 0.261 | 0.281 | 0.115 | 0.202 | 0.178 | 0.508 | 0.2 |
| 12 | 0.344 | 0.54 | 0.304 | 0.737 | 0.151 | 0.429 | 0.02 | 0.421 | 0.016 | 0.342 | 0.822 | 0.316 | 0.485 | 0.112 | 0.075 | 0.22 | 0.179 | 0.5 |
| 13 | 0.345 | 0.641 | 0.195 | 0.71 | 0.305 | 0.468 | 0.054 | 0.504 | 0.108 | 0.317 | 0.977 | 0.408 | 0.564 | 0.114 | 0.098 | 0.271 | 0.211 | 0.5 |
| 14 | 0.425 | 0.976 | 0.39 | 0.838 | 0.391 | 0.37 | 1 | 0.095 | 0.609 | 0.227 | 0.908 | 0.777 | 0.689 | 0.254 | 0.091 | 0.285 | 0.277 | 0.6 |
| 15 | 0.974 | 0.782 | 0.529 | 1 | 0.283 | 0.657 | 0.71 | 0.54 | 0.645 | 0.592 | 0.763 | 0.829 | 0.721 | 0.387 | 0.135 | 0.208 | 0.386 | 0.3 |
| 16 | 0.56 | 0.975 | 0.563 | 0.905 | 0.712 | 0.653 | 0.906 | 0.476 | 0.8 | 1 | 1 | 0.733 | 0.802 | 0.388 | 0.122 | 0.281 | 0.48 | 0.5 |

| | EY | EZ | FA | FB | FC | FD | FE | FF | FG | FH | FI | FJ | FK | FL | FM | FN | FO | FP |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | RDF50m | RDF55m | RDF60m | RDF65m | RDF70m | RDF75m | RDF80m | RDF85m | RDF90m | RDF95m | RDF100m | RDF105m | RDF110m | RDF115m | RDF120m | RDF125m | RDF130m | RDF135m |
| 2 | 0 | 0,021 | 0,007 | 0 | 0,007 | 0 | 0 | 0,037 | 0 | 0 | 0,015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0,263 | 0,022 | 0,027 | 0,067 | 0,067 | 0,332 | 0,032 | 0,1 | 0,418 | 0,114 | 0,344 | 0,417 | 0,013 | 0,204 | 0,043 | 0 | 0,175 | 0,0 |
| 4 | 0,187 | 0,303 | 0,125 | 0,202 | 0,384 | 0,303 | 0,621 | 0 | 0,327 | 0,217 | 0,173 | 0,272 | 0,015 | 0,108 | 0,026 | 0,019 | 0,003 | 0 |
| 5 | 0,285 | 0,944 | 0,183 | 0,487 | 0,631 | 0,271 | 0,592 | 0,015 | 0,312 | 0,206 | 0,28 | 0,355 | 0,058 | 0,548 | 0,035 | 0,019 | 0,003 | 0 |
| 6 | 0,031 | 0,004 | 0 | 0,03 | 0 | 0,033 | 0,349 | 0,083 | 0,127 | 0,091 | 0 | 0,024 | 0,021 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0,074 | 0 | 0,006 | 0,085 | 0,024 | 0,067 | 0,346 | 0,101 | 0,326 | 0,272 | 0,21 | 0,036 | 0,024 | 0,061 | 0,027 | 0,001 | 0,002 | 0 |
| 8 | 0,344 | 0,19 | 0,084 | 0,214 | 0,277 | 0,432 | 0,832 | 0,045 | 0,481 | 0,243 | 0,572 | 0,304 | 0,029 | 0,287 | 0,025 | 0,019 | 0 | 0 |
| 9 | 0,389 | 0,185 | 0,149 | 0,24 | 0,242 | 0,505 | 0,822 | 0,143 | 0,662 | 0,199 | 0,588 | 0,711 | 0,112 | 0,304 | 0,048 | 0,019 | 0 | 0 |
| 10 | 0,162 | 0,155 | 0,354 | 0,061 | 0,232 | 0,292 | 0,21 | 0,238 | 0,432 | 0,199 | 0,077 | 0,574 | 0,047 | 0,002 | 0,017 | 0 | 0,005 | 0 |
| 11 | 0,208 | 0,151 | 0,422 | 0,083 | 0,205 | 0,395 | 0,214 | 0,372 | 0,666 | 0,18 | 0,117 | 1 | 0,161 | 0,004 | 0,041 | 0 | 0,005 | 0 |
| 12 | 0,532 | 0,038 | 0,048 | 0,813 | 0,516 | 0,516 | 0,586 | 0,094 | 0,896 | 0,199 | 0,708 | 0,475 | 0,092 | 0,788 | 0,056 | 0,828 | 0,076 | 0,1 |
| 13 | 0,578 | 0,035 | 0,119 | 0,831 | 0,494 | 0,652 | 0,587 | 0,282 | 0,892 | 0,168 | 0,72 | 0,482 | 0,177 | 0,839 | 0,032 | 0,848 | 0,176 | 0,4 |
| 14 | 0,602 | 0,052 | 0,21 | 0,86 | 0,532 | 0,604 | 0,601 | 0,392 | 0,93 | 0,17 | 0,723 | 0,525 | 0,318 | 0,894 | 0,033 | 1 | 0,223 | 0,5 |
| 15 | 0,369 | 0,064 | 0,547 | 0,468 | 0,091 | 0,421 | 0,664 | 0,869 | 0,483 | 0,166 | 0,288 | 0,316 | 1 | 0,431 | 0,379 | 0,702 | 0,785 | 0,8 |
| 16 | 0,576 | 0,088 | 0,276 | 0,433 | 0,063 | 0,645 | 0,16 | 0,453 | 0,533 | 0,101 | 0,712 | 0,517 | 0,5 | 0,851 | 0,583 | 0,814 | 0,875 | 0,5 |
| 17 | 0,415 | 0,269 | 0,451 | 0,26 | 0,475 | 0,673 | 0,168 | 0,271 | 0,843 | 0,334 | 0,693 | 0,573 | 0,673 | 0,649 | 0,26 | 0,522 | 0,141 | 0,0 |
| 18 | 0,395 | 0,276 | 0,318 | 0,24 | 0,474 | 0,632 | 0,173 | 0,012 | 0,864 | 0,241 | 0,669 | 0,584 | 0,489 | 0,379 | 0,197 | 0,24 | 0,169 | 0,0 |
| 19 | 0,418 | 0,014 | 0,173 | 0,172 | 0,059 | 0,503 | 0,038 | 0,358 | 0,388 | 0,114 | 0,571 | 0,406 | 0,334 | 0,368 | 0,043 | 0,326 | 0,155 | 0,4 |
| 20 | 0,332 | 0,198 | 0,251 | 0,378 | 0,323 | 0,253 | 1 | 0,216 | 0,624 | 0,281 | 0,326 | 0,587 | 0,11 | 0,282 | 0,052 | 0,025 | 0,001 | 0 |
| 21 | 1 | 0,09 | 1 | 1 | 0,22 | 1 | 0,731 | 1 | 1 | 1 | 1 | 0,731 | 0,765 | 1 | 1 | 0,783 | 1 | 1 |
| 22 | 0,291 | 0,036 | 0,322 | 0,404 | 0,135 | 0,344 | 0,589 | 0,52 | 0,482 | 0,199 | 0,258 | 0,293 | 0,784 | 0,422 | 0,338 | 0,43 | 0,716 | 0,6 |
| 23 | 0,5 | 0,06 | 0,054 | 0,371 | 0,114 | 0,564 | 0,11 | 0,128 | 0,548 | 0,136 | 0,667 | 0,507 | 0,132 | 0,853 | 0,607 | 0,554 | 0,771 | 0,1 |
| 24 | 0,406 | 1 | 0,317 | 0,517 | 1 | 0,294 | 0,726 | 0,109 | 0,526 | 0,798 | 0,529 | 0,465 | 0,236 | 0,602 | 0,392 | 0,031 | 0,03 | 0,0 |
| 25 | 0,405 | 0,926 | 0,281 | 0,348 | 0,939 | 0,361 | 0,62 | 0,1 | 0,719 | 0,842 | 0,621 | 0,404 | 0,234 | 0,434 | 0,336 | 0,041 | 0,07 | 0,0 |

| | FP | FQ | FR | FS | FT | FU | FV | FW | FX | FY | FZ | GA | GB | GC | GD | GE | GF | GG | |
|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----|
| 1 | RDF135m | RDF140m | RDF145m | RDF150m | RDF155m | RDF160m | RDF165m | RDF170m | RDF175m | RDF180m | RDF185m | RDF190m | RDF195m | RDF200m | RDF205m | RDF210m | RDF215m | RDF220m | |
| 2 | 0 | 0 | 0 | 0 | 0 | 0,12 | 0 | 0 | 0,197 | 0,26 | 0,025 | 0,069 | 0,281 | 0,014 | 0,363 | 0,012 | 0,024 | 0,187 | 0,1 |
| 3 | 0,026 | 0 | 0 | 0 | 0 | 0,439 | 0,341 | 0,197 | 0,26 | 0,025 | 0,069 | 0,281 | 0,014 | 0,363 | 0,012 | 0,024 | 0,187 | 0,1 | |
| 4 | 0 | 0 | 0 | 0 | 0 | 0,523 | 0,464 | 0,148 | 0,334 | 0,31 | 0,657 | 0,667 | 0,517 | 0,276 | 0,341 | 0,318 | 0,36 | 0,4 | |
| 5 | 0 | 0 | 0 | 0 | 0 | 0,523 | 0,692 | 0,292 | 0,533 | 0,293 | 0,78 | 0,549 | 0,281 | 0,367 | 0,811 | 0,445 | 0,545 | 0,7 | |
| 6 | 0 | 0 | 0 | 0 | 0 | 0,021 | 0,186 | 0,01 | 0 | 0,006 | 0,025 | 0,027 | 0,035 | 0 | 0 | 0,047 | 0 | 0 | |
| 7 | 0 | 0 | 0 | 0 | 0 | 0,061 | 0,053 | 0,439 | 0,09 | 0,127 | 0 | 0,191 | 0,043 | 0,11 | 0,015 | 0,045 | 0,137 | 0,1 | |
| 8 | 0 | 0 | 0 | 0 | 0 | 0,338 | 0,55 | 0,516 | 0,443 | 0,185 | 0,368 | 0,34 | 0,231 | 0,431 | 0,145 | 0,187 | 0,258 | 0,3 | |
| 9 | 0 | 0 | 0 | 0 | 0 | 0,371 | 0,569 | 0,684 | 0,507 | 0,188 | 0,346 | 0,42 | 0,3 | 0,484 | 0,149 | 0,2 | 0,284 | 0,2 | |
| 10 | 0 | 0 | 0 | 0 | 0 | 0,341 | 0,565 | 0,199 | 0,247 | 0,272 | 0,187 | 0,237 | 0,349 | 0,233 | 0,125 | 0,457 | 0,099 | 0,3 | |
| 11 | 0 | 0 | 0 | 0 | 0 | 0,374 | 0,584 | 0,368 | 0,311 | 0,274 | 0,165 | 0,317 | 0,418 | 0,286 | 0,129 | 0,474 | 0,124 | 0,2 | |
| 12 | 0,105 | 0,039 | 0,128 | 0,004 | 0,004 | 0,719 | 0,54 | 0,537 | 0,544 | 0,131 | 0,285 | 0,515 | 0,202 | 0,648 | 0,059 | 0,133 | 0,719 | 0,4 | |
| 13 | 0,404 | 0,041 | 0,209 | 0,005 | 0,004 | 0,751 | 0,559 | 0,705 | 0,608 | 0,133 | 0,263 | 0,594 | 0,27 | 0,702 | 0,063 | 0,15 | 0,744 | 0,4 | |
| 14 | 0,543 | 0,25 | 0,059 | 0,4 | 0,032 | 0,811 | 0,595 | 0,974 | 0,732 | 0,352 | 0,256 | 0,684 | 0,344 | 0,734 | 0,118 | 0,213 | 0,837 | 0,5 | |
| 15 | 0,823 | 0,566 | 0,731 | 0,391 | 0,295 | 0,756 | 0,659 | 0,833 | 0,772 | 0,395 | 0,325 | 0,433 | 0,488 | 0,428 | 0,16 | 0,445 | 0,434 | 0,2 | |
| 16 | 0,568 | 0,675 | 0,258 | 0,633 | 0,549 | 0,922 | 0,72 | 0,858 | 0,875 | 0,399 | 0,314 | 0,589 | 0,539 | 0,725 | 0,181 | 0,191 | 0,451 | 0,1 | |
| 17 | 0,087 | 0,023 | 0,011 | 0,003 | 0 | 0,727 | 0,603 | 0,608 | 0,706 | 0,26 | 0,34 | 0,497 | 0,714 | 0,552 | 0,333 | 0,485 | 0,332 | 0,6 | |
| 18 | 0,046 | 0,01 | 0,002 | 0,003 | 0 | 0,701 | 0,578 | 0,493 | 0,635 | 0,242 | 0,354 | 0,484 | 0,65 | 0,539 | 0,335 | 0,436 | 0,31 | 0,5 | |
| 19 | 0,402 | 0,001 | 0,211 | 0 | 0,002 | 0,602 | 0,49 | 0,372 | 0,433 | 0,057 | 0,054 | 0,388 | 0,076 | 0,515 | 0,009 | 0,105 | 0,309 | 0,0 | |
| 20 | 0 | 0 | 0 | 0 | 0 | 0,508 | 0,751 | 0,442 | 0,633 | 0,414 | 0,584 | 0,464 | 0,296 | 0,438 | 0,155 | 0,299 | 0,461 | 0,1 | |
| 21 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0,426 | 1 | 1 | 1 | 1 | 1 | 1 | 0,203 | 1 | 1 | 0,6 | |
| 22 | 0,605 | 0,154 | 0,36 | 0,249 | 0,29 | 0,675 | 0,597 | 0,449 | 0,543 | 0,172 | 0,31 | 0,437 | 0,186 | 0,344 | 0,05 | 0,342 | 0,302 | 0,1 | |
| 23 | 0,195 | 0,27 | 0,345 | 0,226 | 0,415 | 0,84 | 0,657 | 0,474 | 0,645 | 0,175 | 0,299 | 0,592 | 0,236 | 0,642 | 0,072 | 0,09 | 0,323 | 0,2 | |
| 24 | 0,004 | 0,002 | 0 | 0 | 0 | 0,616 | 0,738 | 0,682 | 0,627 | 0,349 | 0,921 | 0,698 | 0,555 | 0,52 | 1 | 0,576 | 0,591 | 0,1 | |
| 25 | 0,001 | 0 | 0 | 0 | 0 | 0,478 | 0,591 | 1 | 0,558 | 0,195 | 0,501 | 0,501 | 0,562 | 0,526 | 0,932 | 0,484 | 0,382 | 0,9 | |

| | GG | GH | GI | GJ | GK | GL | GM | GN | GO | GP | GQ | GR | GS | GT | GU | GV | GW | GX |
|----|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | RDF70m | RDF75m | RDF80m | RDF85m | RDF90m | RDF95m | RDF100m | RDF105m | RDF110m | RDF115m | RDF120m | RDF125m | RDF130m | RDF135m | RDF140m | RDF145m | RDF150m | RDF155m |
| 2 | 0,032 | 0 | 0 | 0 | 0 | 0,025 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0,156 | 0,457 | 0,026 | 0,194 | 0,509 | 0,28 | 0,468 | 0,439 | 0,037 | 0,228 | 0,106 | 0 | 0,194 | 0,052 | 0 | 0 | 0 | 0 |
| 4 | 0,445 | 0,275 | 0,771 | 0,155 | 0,362 | 0,433 | 0,178 | 0,248 | 0,054 | 0,054 | 0,086 | 0,034 | 0,016 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0,733 | 0,298 | 0,743 | 0,325 | 0,375 | 0,522 | 0,312 | 0,36 | 0,172 | 0,284 | 0,067 | 0,041 | 0,014 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0,031 | 0,275 | 0,104 | 0,178 | 0,221 | 0 | 0,042 | 0,051 | 0,003 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0,139 | 0,084 | 0,306 | 0,15 | 0,378 | 0,296 | 0,149 | 0,062 | 0,036 | 0,108 | 0,07 | 0,011 | 0,013 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0,304 | 0,335 | 0,749 | 0,227 | 0,369 | 0,634 | 0,365 | 0,37 | 0,065 | 0,145 | 0,032 | 0,047 | 0,002 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0,245 | 0,367 | 0,747 | 0,266 | 0,474 | 0,517 | 0,378 | 0,592 | 0,088 | 0,182 | 0,073 | 0,047 | 0,001 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0,338 | 0,314 | 0,182 | 0,383 | 0,339 | 0,501 | 0,119 | 0,384 | 0,089 | 0,02 | 0,05 | 0 | 0,027 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0,292 | 0,353 | 0,186 | 0,433 | 0,473 | 0,457 | 0,184 | 0,618 | 0,199 | 0,033 | 0,1 | 0 | 0,027 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0,463 | 0,612 | 0,607 | 0,205 | 0,899 | 0,515 | 0,729 | 0,583 | 0,201 | 0,704 | 0,151 | 0,832 | 0,078 | 0,321 | 0,026 | 0,244 | 0,007 | 0,0 |
| 13 | 0,421 | 0,659 | 0,61 | 0,271 | 0,901 | 0,435 | 0,747 | 0,596 | 0,215 | 0,775 | 0,089 | 0,826 | 0,19 | 0,45 | 0,047 | 0,301 | 0,022 | 0,0 |
| 14 | 0,557 | 0,671 | 0,65 | 0,389 | 1 | 0,419 | 0,762 | 0,704 | 0,297 | 0,89 | 0,117 | 1 | 0,272 | 0,488 | 0,546 | 0,058 | 0,548 | 0,1 |
| 15 | 0,218 | 0,388 | 0,619 | 0,9 | 0,674 | 0,269 | 0,36 | 0,564 | 1 | 0,557 | 0,492 | 0,778 | 0,518 | 0,758 | 0,758 | 0,506 | 0,578 | 0,4 |
| 16 | 0,186 | 0,708 | 0,248 | 0,386 | 0,67 | 0,278 | 0,838 | 0,645 | 0,442 | 0,902 | 0,568 | 0,872 | 0,756 | 0,558 | 1 | 0,398 | 0,468 | 0,7 |
| 17 | 0,623 | 0,606 | 0,229 | 0,139 | 0,892 | 0,651 | 0,693 | 0,726 | 0,545 | 0,492 | 0,367 | 0,381 | 0,183 | 0,193 | 0,099 | 0,049 | 0,031 | 0 |
| 18 | 0,553 | | | | | | | | | | | | | | | | | |

| | GX | GY | GZ | HA | HB | HC | HD | HE | HF | HG | HH | HI | HJ | HK | HL | HM | HN | HO |
|----|---------|--------|--------|--------|--------|--------|--------|--------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | RDF155v | RDF20e | RDF25e | RDF30e | RDF45e | RDF70e | RDF85e | RDF90e | RDF105e | RDF130e | RDF10p | RDF20p | RDF25p | RDF30p | RDF35p | RDF40p | RDF45p | RDF55e |
| 2 | 0 | 0 | 0.049 | 0.006 | 0 | 0.109 | 0 | 0 | 0 | 0.075 | 0 | 0.002 | 0 | 0.042 | 0 | 0 | 0 | 0.0 |
| 3 | 0 | 0.144 | 0.49 | 0.167 | 0.185 | 0.225 | 0.34 | 0.648 | 0.237 | 0.404 | 0.408 | 0.222 | 0.333 | 0.065 | 0.09 | 0.374 | 0.04 | 0.0 |
| 4 | 0 | 0.134 | 0.444 | 0.394 | 0.734 | 0.371 | 0.272 | 0.614 | 0.328 | 0.062 | 0.51 | 0.163 | 0.38 | 0.433 | 0.725 | 0.866 | 0.604 | 0.3 |
| 5 | 0 | 0.267 | 0.53 | 0.504 | 0.249 | 0.566 | 0.524 | 0.319 | 0.567 | 0.057 | 0.511 | 0.377 | 0.58 | 0.439 | 0.857 | 0.754 | 0.224 | 0.7 |
| 6 | 0 | 0.294 | 0 | 0 | 0.102 | 0 | 0.09 | 0.309 | 0.113 | 0 | 0 | 0.04 | 0 | 0 | 0.011 | 0.022 | 0.048 | 0.0 |
| 7 | 0 | 0.62 | 0.077 | 0.131 | 0.246 | 0.185 | 0.215 | 0.417 | 0.17 | 0.051 | 0.11 | 0.162 | 0.081 | 0.176 | 0 | 0.256 | 0.095 | 0.0 |
| 8 | 0 | 0.482 | 0.463 | 0.332 | 0.314 | 0.324 | 0.476 | 0.553 | 0.721 | 0.008 | 0.33 | 0.452 | 0.458 | 0.269 | 0.41 | 0.416 | 0.265 | 0.1 |
| 9 | 0 | 0.563 | 0.533 | 0.334 | 0.448 | 0.265 | 0.526 | 0.748 | 0.768 | 0.005 | 0.312 | 0.657 | 0.505 | 0.272 | 0.375 | 0.51 | 0.342 | 0.1 |
| 10 | 0 | 0.173 | 0.299 | 0.45 | 0.3 | 0.343 | 0.428 | 0.361 | 0.421 | 0.105 | 0.333 | 0.212 | 0.288 | 0.405 | 0.172 | 0.28 | 0.289 | 0.0 |
| 11 | 0 | 0.255 | 0.369 | 0.452 | 0.434 | 0.303 | 0.492 | 0.587 | 0.516 | 0.105 | 0.315 | 0.417 | 0.334 | 0.407 | 0.138 | 0.375 | 0.366 | 0.1 |
| 12 | 0.062 | 0.365 | 0.434 | 0.158 | 0.297 | 0.342 | 0.369 | 0.732 | 0.641 | 0.184 | 0.679 | 0.656 | 0.579 | 0.155 | 0.358 | 0.665 | 0.235 | 0.0 |
| 13 | 0.057 | 0.446 | 0.504 | 0.16 | 0.43 | 0.304 | 0.43 | 0.755 | 0.659 | 0.376 | 0.661 | 0.86 | 0.625 | 0.157 | 0.323 | 0.76 | 0.312 | 0.0 |
| 14 | 0.152 | 0.781 | 0.621 | 0.384 | 0.545 | 0.451 | 0.643 | 1 | 0.982 | 0.462 | 0.769 | 1 | 0.741 | 0.442 | 0.305 | 0.886 | 0.407 | 0.1 |
| 15 | 0.439 | 0.76 | 0.722 | 0.492 | 0.6 | 0.503 | 0.924 | 0.901 | 0.776 | 0.291 | 0.741 | 0.694 | 0.786 | 0.429 | 0.4 | 0.514 | 0.537 | 0.2 |
| 16 | 0.782 | 0.677 | 0.849 | 0.518 | 0.619 | 0.433 | 0.508 | 0.8 | 0.534 | 0.711 | 0.882 | 0.832 | 0.919 | 0.438 | 0.392 | 0.74 | 0.578 | 0.2 |
| 17 | 0 | 0.395 | 0.509 | 0.228 | 0.534 | 0.599 | 0.247 | 0.695 | 0.767 | 0.272 | 0.639 | 0.789 | 0.699 | 0.27 | 0.436 | 0.619 | 0.175 | 0.3 |
| 18 | 0 | 0.325 | 0.47 | 0.2 | 0.427 | 0.531 | 0.065 | 0.731 | 0.54 | 0.414 | 0.661 | 0.642 | 0.66 | 0.259 | 0.454 | 0.612 | 0.635 | 0.3 |
| 19 | 0.025 | 0.246 | 0.721 | 0.283 | 0.304 | 0.152 | 0.297 | 0.601 | 0.309 | 0.301 | 0.518 | 0.443 | 0.504 | 0.112 | 0.073 | 0.475 | 0.124 | 0.0 |
| 20 | 0 | 0.305 | 0.679 | 0.608 | 0.429 | 0.555 | 0.671 | 0.692 | 0.625 | 0.012 | 0.448 | 0.512 | 0.664 | 0.564 | 0.665 | 0.605 | 0.344 | 0.1 |
| 21 | 1 | 0.265 | 1 | 1 | 1 | 1 | 1 | 0.956 | 0.937 | 1 | 1 | 0.501 | 1 | 1 | 0.872 | 1 | 1 | 0.2 |
| 22 | 0.249 | 0.358 | 0.54 | 0.197 | 0.338 | 0.544 | 0.663 | 0.791 | 0.653 | 0.319 | 0.658 | 0.418 | 0.589 | 0.236 | 0.389 | 0.529 | 0.204 | 0.0 |
| 23 | 0.382 | 0.275 | 0.666 | 0.222 | 0.356 | 0.479 | 0.33 | 0.657 | 0.364 | 0.407 | 0.799 | 0.554 | 0.722 | 0.243 | 0.381 | 0.753 | 0.243 | 0.0 |
| 24 | 0 | 0.649 | 0.581 | 0.593 | 0.443 | 0.594 | 0.485 | 0.645 | 1 | 0.193 | 0.602 | 0.675 | 0.645 | 0.521 | 1 | 0.91 | 0.487 | 0.0 |
| 25 | 0 | 1 | 0.533 | 0.272 | 0.472 | 0.641 | 0.272 | 0.849 | 0.741 | 0.23 | 0.468 | 0.862 | 0.529 | 0.274 | 0.484 | 0.606 | 0.5 | 0.9 |

| | HO | HP | HQ | HR | HS | HT | HU | HV | HW | HX | HY | HZ | IA | IB | IC | ID | IE | IF |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| 1 | RDF55p | RDF60p | RDF65p | RDF70p | RDF75p | RDF80p | RDF85p | RDF90p | RDF95p | RDF100p | RDF105p | RDF115p | RDF140p | RDF155p | RDF151p | RDF20i | RDF25i | RDF40i |
| 2 | 0.012 | 0.008 | 0 | 0.062 | 0 | 0 | 0 | 0 | 0 | 0.023 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.067 |
| 3 | 0.012 | 0.009 | 0.254 | 0.217 | 0.52 | 0.022 | 0.267 | 0.549 | 0.32 | 0.53 | 0.383 | 0.259 | 0 | 0 | 0.368 | 0.164 | 0.624 | 0.2 |
| 4 | 0.394 | 0.438 | 0.44 | 0.488 | 0.262 | 0.84 | 0.238 | 0.382 | 0.49 | 0.164 | 0.207 | 0.034 | 0 | 0 | 0.559 | 0.16 | 0.524 | 0.8 |
| 5 | 0.732 | 0.608 | 0.549 | 0.793 | 0.317 | 0.793 | 0.489 | 0.372 | 0.638 | 0.34 | 0.354 | 0.191 | 0 | 0 | 0.767 | 0.322 | 0.599 | 0.7 |
| 6 | 0 | 0 | 0.065 | 0 | 0.038 | 0.233 | 0.126 | 0.203 | 0.251 | 0 | 0.035 | 0.005 | 0 | 0 | 0.034 | 0.264 | 0 | 0.0 |
| 7 | 0.022 | 0.087 | 0.173 | 0.201 | 0.098 | 0.293 | 0.195 | 0.405 | 0.29 | 0.126 | 0.053 | 0.138 | 0 | 0 | 0.08 | 0.561 | 0.081 | 0.2 |
| 8 | 0.145 | 0.247 | 0.288 | 0.336 | 0.304 | 0.689 | 0.328 | 0.323 | 0.753 | 0.277 | 0.37 | 0.106 | 0 | 0 | 0.691 | 0.492 | 0.485 | 0.5 |
| 9 | 0.156 | 0.237 | 0.308 | 0.265 | 0.326 | 0.69 | 0.335 | 0.407 | 0.612 | 0.287 | 0.468 | 0.154 | 0 | 0 | 0.715 | 0.575 | 0.528 | 0.6 |
| 10 | 0.108 | 0.509 | 0.136 | 0.406 | 0.323 | 0.17 | 0.445 | 0.299 | 0.588 | 0.139 | 0.271 | 0.039 | 0 | 0 | 0.625 | 0.204 | 0.362 | 0.4 |
| 11 | 0.119 | 0.503 | 0.156 | 0.352 | 0.348 | 0.173 | 0.466 | 0.396 | 0.537 | 0.212 | 0.379 | 0.064 | 0 | 0 | 0.649 | 0.287 | 0.405 | 0.4 |
| 12 | 0.077 | 0.188 | 0.69 | 0.456 | 0.653 | 0.6 | 0.288 | 0.859 | 0.608 | 0.707 | 0.563 | 0.673 | 0.016 | 0.153 | 0.553 | 0.413 | 0.458 | 0.4 |
| 13 | 0.089 | 0.383 | 0.713 | 0.406 | 0.68 | 0.602 | 0.312 | 0.867 | 0.513 | 0.724 | 0.572 | 0.756 | 0.044 | 0.142 | 0.577 | 0.497 | 0.501 | 0.5 |
| 14 | 0.162 | 0.239 | 0.842 | 0.59 | 0.702 | 0.655 | 0.448 | 1 | 0.48 | 0.75 | 0.712 | 0.92 | 0.663 | 0.255 | 0.627 | 0.803 | 0.601 | 0.6 |
| 15 | 0.214 | 0.409 | 0.47 | 0.249 | 0.364 | 0.598 | 0.934 | 0.755 | 0.302 | 0.385 | 0.61 | 0.639 | 0.737 | 0.508 | 0.642 | 0.717 | 0.714 | 0.0 |
| 16 | 0.233 | 0.159 | 0.492 | 0.256 | 0.73 | 0.312 | 0.398 | 0.72 | 0.344 | 0.873 | 0.618 | 0.947 | 1 | 1 | 0.739 | 0.674 | 0.88 | 0.5 |
| 17 | 0.398 | 0.501 | 0.369 | 0.726 | 0.554 | 0.276 | 0.112 | 0.87 | 0.751 | 0.668 | 0.728 | 0.441 | 0.136 | 0 | 0.616 | 0.446 | 0.47 | 0.4 |
| 18 | 0.398 | 0.483 | 0.351 | 0.625 | 0.538 | 0.281 | 0.05 | 0.886 | 0.621 | 0.716 | 0.685 | 0.377 | 0.053 | 0 | 0.586 | 0.367 | 0.473 | 0.4 |
| 19 | 0.01 | 0.08 | 0.388 | 0.094 | 0.713 | 0.026 | 0.231 | 0.538 | 0.347 | 0.886 | 0.411 | 0.371 | 0.001 | 0.063 | 0.512 | 0.276 | 0.863 | 0.3 |
| 20 | 0.159 | 0.33 | 0.493 | 0.633 | 0.275 | 1 | 0.404 | 0.556 | 0.793 | 0.469 | 0.403 | 0.144 | 0 | 0 | 0.827 | 0.344 | 0.724 | 0.0 |
| 21 | 0.271 | 1 | 1 | 0.896 | 1 | 0.755 | 1 | 0.963 | 1 | 1 | 1 | 1 | 0.849 | 0.993 | 1 | 0.293 | 1 | 0.6 |
| 22 | 0.063 | 0.352 | 0.296 | 0.305 | 0.322 | 0.389 | 0.837 | 0.637 | 0.454 | 0.366 | 0.578 | 0.513 | 0.294 | 0.209 | 0.561 | 0.341 | 0.589 | 0.4 |
| 23 | 0.083 | 0.104 | 0.321 | 0.316 | 0.683 | 0.128 | 0.303 | 0.612 | 0.468 | 0.778 | 0.54 | 0.787 | 0.473 | 0.373 | 0.658 | 0.297 | 0.754 | 0.5 |
| 24 | 1 | 0.758 | 0.616 | 1 | 0.366 | 0.939 | 0.427 | 0.534 | 0.627 | 0.558 | 0.705 | 0.471 | 0.056 | 0 | 0.832 | 0.679 | 0.609 | 0.0 |
| 25 | 0.933 | 0.632 | 0.407 | 0.92 | 0.359 | 0.733 | 0.241 | 0.625 | 0.669 | 0.458 | 0.464 | 0.358 | 0 | 0 | 0.759 | 1 | 0.531 | 0.7 |

| | IF | IG | IH | II | IU | IK | IL | IM | IN | IO | IP | IQ | IS | IT | IU | IV | IW | |
|----|--------|--------|--------|--------|--------|--------|---------|---------|---------|--------|--------|--------|--------|--------|--------|---------|--------|-----|
| 1 | RDF40i | RDF45i | RDF65i | RDF70i | RDF85i | RDF90i | RDF100i | RDF105i | RDF115i | RDF10s | RDF15s | RDF20s | RDF25s | RDF30s | RDF35s | RDF40s | RDF55s | |
| 2 | 0 | 0 | 0 | 0.126 | 0 | 0 | 0.077 | 0 | 0 | 0.601 | 0 | 0 | 0.113 | 0.005 | 0.029 | 0 | 0.08 | |
| 3 | 0.293 | 0.238 | 0.318 | 0.23 | 0.419 | 0.687 | 0.619 | 0.175 | 0.411 | 0.568 | 0.343 | 0.118 | 0.3 | 0.043 | 0.044 | 0.16 | 0.211 | 0.2 |
| 4 | 0.848 | 0.75 | 0.422 | 0.329 | 0.332 | 0.629 | 0.164 | 0.271 | 0.049 | 0.536 | 0.467 | 0.096 | 0.317 | 0.134 | 0.268 | 0.612 | 0.724 | 0.2 |
| 5 | 0.788 | 0.19 | 0.3 | 0.491 | 0.629 | 0.304 | 0.491 | 0.548 | 0.314 | 0.601 | 0.693 | 0.19 | 0.444 | 0.169 | 0.303 | 0.476 | 0.75 | 0.3 |
| 6 | 0.03 | 0.126 | 0.134 | 0 | 0.073 | 0.342 | 0 | 0.098 | 0.021 | 0.236 | 0.049 | 0.304 | 0 | 0 | 0.019 | 0.011 | 0.108 | 0.0 |
| 7 | 0.204 | 0.322 | 0.267 | 0.184 | 0.238 | 0.441 | 0.176 | 0.147 | 0.21 | 0 | 0.099 | 0.625 | 0.013 | 0.061 | 0 | 0.105 | 0 | 0.0 |
| 8 | 0.541 | 0.341 | 0.302 | 0.307 | 0.577 | 0.533 | 0.239 | 0.688 | 0.192 | 0.488 | 0.706 | 0.477 | 0.471 | 0.126 | 0.224 | 0.418 | 0.371 | 0.4 |
| 9 | 0.608 | 0.465 | 0.341 | 0.255 | 0.592 | 0.736 | 0.256 | 0.634 | 0.37 | 0.852 | 0.781 | 0.552 | 0.712 | 0.137 | 0.239 | 0.5 | 0.594 | 0.5 |
| 10 | 0.427 | 0.241 | 0.267 | 0.331 | 0.469 | 0.311 | 0.148 | 0.356 | 0.157 | 0.489 | 0.553 | 0.144 | 0.255 | 0.223 | 0.125 | 0.491 | 0.766 | 0.2 |
| 11 | 0.495 | 0.364 | 0.314 | 0.297 | 0.517 | 0.524 | 0.389 | 0.355 | 0.259 | 0.852 | 0.624 | 0.209 | 0.489 | 0.237 | 0.138 | 0.576 | 1 | 0.3 |
| 12 | 0.465 | 0.322 | 0.669 | 0.28 | 0.449 | 0.7 | 0.433 | 0.604 | 0.488 | 0.674 | 0.524 | 0.229 | 0.372 | 0.089 | 0.111 | 0.252 | 0.268 | 0.6 |
| 13 | 0.533 | 0.444 | 0.73 | 0.246 | 0.478 | 0.734 | 0.501 | 0.612 | 0.586 | 0.993 | 0.582 | 0.286 | 0.575 | 0.097 | 0.121 | 0.318 | 0.456 | 0.7 |
| 14 | 0.643 | 0.597 | 0.889 | 0.385 | 0.738 | 1 | 0.547 | 0.979 | 0.956 | 0.742 | 0.631 | 0.626 | 0.673 | 0.239 | 0.098 | 0.384 | 0.421 | 0.6 |
| 15 | 0.42 | 0.603 | 0.887 | 0.473 | 0.934 | 0.967 | 0.376 | 0.704 | 0.786 | 0.643 | 0.672 | 0.733 | 0.754 | 0.535 | 0.145 | 0.304 | 0.666 | 0.2 |
| 16 | 0.542 | 0.623 | 0.716 | 0.444 | 0.53 | 0.844 | 0.714 | 0.481 | 0.961 | 0.795 | 0.734 | 0.598 | 0.804 | 0.544 | 0.142 | 0.325</ | | |

| | IW | IX | IY | IZ | JA | JB | JC | JD | JE | JF | JG | JH | JI | JJ | JK | JL | JM | JN |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | RDF50s | RDF55s | RDF60s | RDF65s | RDF70s | RDF75s | RDF80s | RDF85s | RDF90s | RDF95s | RDF100s | RDF105s | RDF110s | RDF115s | RDF120s | RDF125s | RDF130s | RDF135s |
| 2 | 0 | 0.023 | 0.001 | 0.012 | 0.078 | 0 | 0.085 | 0.245 | 0.178 | 0 | 0.123 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0.203 | 0.018 | 0 | 0.201 | 0.205 | 0.288 | 0.14 | 0.425 | 0.431 | 0.171 | 0.399 | 0.27 | 0.053 | 0.202 | 0.118 | 0 | 0.794 | 0.1 |
| 4 | 0.221 | 0.357 | 0.342 | 0.243 | 0.512 | 0.119 | 0.815 | 0.176 | 0.513 | 0.444 | 0.261 | 0.368 | 0.073 | 0.15 | 0.126 | 0.183 | 0.035 | |
| 5 | 0.377 | 0.749 | 0.6 | 0.268 | 0.887 | 0.189 | 0.783 | 0.274 | 0.205 | 0.509 | 0.329 | 0.505 | 0.201 | 0.725 | 0.225 | 0.216 | 0.036 | |
| 6 | 0.014 | 0.002 | 0.014 | 0.039 | 0 | 0.026 | 0.241 | 0.309 | 0.171 | 0.144 | 0 | 0.127 | 0.08 | 0.005 | 0 | 0 | 0 | |
| 7 | 0.06 | 0 | 0.086 | 0 | 0.123 | 0.058 | 0 | 0 | 0 | 0.292 | 0.217 | 0.161 | 0.09 | 0.11 | 0.077 | 0.023 | 0.027 | |
| 8 | 0.423 | 0.175 | 0.219 | 0.25 | 0.476 | 0.231 | 0.631 | 0.46 | 0.625 | 0.476 | 0.432 | 0.669 | 0.1 | 0.315 | 0.096 | 0.226 | 0.005 | |
| 9 | 0.529 | 0.191 | 0.309 | 0.314 | 0.414 | 0.388 | 0.667 | 0.69 | 0.95 | 0.389 | 0.435 | 1 | 0.181 | 0.479 | 0.283 | 0.23 | 0.003 | |
| 10 | 0.263 | 0.264 | 0.345 | 0.186 | 0.386 | 0.162 | 0.298 | 0.558 | 0.518 | 0.358 | 0.11 | 0.548 | 0.156 | 0.045 | 0.059 | 0 | 0.065 | |
| 11 | 0.366 | 0.283 | 0.445 | 0.248 | 0.349 | 0.407 | 0.324 | 0.768 | 0.958 | 0.329 | 0.401 | 0.922 | 0.416 | 0.077 | 0.237 | 0 | 0.067 | |
| 12 | 0.606 | 0.059 | 0.178 | 0.79 | 0.708 | 0.336 | 0.595 | 0.387 | 0.649 | 0.335 | 0.467 | 0.511 | 0.186 | 0.576 | 0.177 | 0.904 | 0.35 | 0.2 |
| 13 | 0.703 | 0.071 | 0.264 | 0.86 | 0.689 | 0.642 | 0.623 | 0.636 | 0.667 | 0.294 | 0.558 | 0.555 | 0.256 | 0.659 | 0.11 | 0.918 | 0.756 | 0.4 |
| 14 | 0.665 | 0.128 | 0.295 | 0.894 | 0.805 | 0.4 | 0.658 | 0.647 | 0.839 | 0.265 | 0.526 | 0.674 | 0.284 | 0.779 | 0.175 | 1 | 0.679 | 0.3 |
| 15 | 0.246 | 0.178 | 0.384 | 0.55 | 0.782 | 0.225 | 0.556 | 1 | 0.516 | 0.183 | 0.319 | 0.547 | 0.904 | 0.46 | 0.401 | 0.871 | 0.386 | 0.6 |
| 16 | 0.407 | 0.181 | 0.208 | 0.557 | 0.547 | 0.391 | 0.409 | 0.688 | 0.476 | 0.212 | 0.619 | 0.394 | 0.516 | 0.631 | 0.42 | 0.808 | 0.714 | 0.4 |
| 17 | 0.404 | 0.34 | 0.938 | 0.25 | 0.541 | 0.297 | 0.337 | 0.557 | 0.643 | 0.684 | 0.477 | 0.562 | 0.699 | 0.572 | 0.469 | 0.916 | 0.435 | 0. |
| 18 | 0.378 | 0.336 | 0.753 | 0.205 | 0.479 | 0.225 | 0.325 | 0.16 | 0.683 | 0.37 | 0.493 | 0.425 | 0.553 | 0.279 | 0.235 | 0.442 | 0.53 | 0.1 |
| 19 | 0.377 | 0.012 | 0.274 | 0.4 | 0.423 | 0.548 | 0.189 | 0.793 | 0.4 | 0.258 | 0.752 | 0.258 | 0.574 | 0.258 | 0.224 | 0.559 | 0.775 | 0.5 |
| 20 | 0.541 | 0.188 | 0.787 | 0.369 | 0.668 | 0.185 | 0.994 | 0.882 | 0.733 | 0.561 | 0.355 | 0.809 | 0.181 | 0.417 | 0.24 | 0.292 | 0.008 | |
| 21 | 1 | 0.208 | 1 | 1 | 1 | 1 | 0.444 | 0.797 | 1 | 1 | 1 | 1 | 0.721 | 1 | 0.922 | 1 | 0.773 | 1 |
| 22 | 0.215 | 0.06 | 0.225 | 0.431 | 0.832 | 0.185 | 0.348 | 0.667 | 0.554 | 0.264 | 0.274 | 0.439 | 0.839 | 0.36 | 0.394 | 0.466 | 0.419 | 0.4 |
| 23 | 0.374 | 0.064 | 0.054 | 0.444 | 0.604 | 0.358 | 0.22 | 0.423 | 0.474 | 0.276 | 0.516 | 0.31 | 0.191 | 0.506 | 0.442 | 0.509 | 0.532 | 0.3 |
| 24 | 0.482 | 1 | 0.809 | 0.328 | 0.926 | 0.232 | 1 | 0.364 | 0.575 | 0.559 | 0.538 | 0.693 | 0.295 | 1 | 0.562 | 0.298 | 0.143 | 0.0 |
| 25 | 0.439 | 0.92 | 0.61 | 0.302 | 0.979 | 0.233 | 0.792 | 0.301 | 0.849 | 0.646 | 0.488 | 0.667 | 0.246 | 0.739 | 0.308 | 0.368 | 0.258 | 0.0 |

| | JN | JO | JP | JQ | JR | JS | JT | JU | JV | JW | JX | JY | JZ | KA | KB | KC | KD | KE |
|----|---------|---------|---------|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| 1 | RDF135s | RDF140s | RDF145s | RDF150s | RDF155s | L1u | L2u | L3u | P1u | P2u | E1u | E2u | E3u | Au | Vu | Du | L1m | L2m |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0.318 | 0 | 0 | 1 | 0.04 | 0.744 | 1 | 0 | 0 | 1 | 0 | 0.1 |
| 3 | 0.148 | 0 | 0 | 0 | 0 | 0.314 | 0.154 | 0.389 | 0.752 | 0.196 | 0.75 | 0.532 | 0.332 | 0.175 | 0.199 | 0.468 | 0.282 | 0.2 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0.163 | 0.615 | 0.952 | 0.069 | 0.697 | 0.249 | 0.811 | 0.501 | 0.224 | 0.253 | 0.605 | 0.164 | 0.7 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0.219 | 0.531 | 0.95 | 0.258 | 0.535 | 0.626 | 0.942 | 0.409 | 0.251 | 0.285 | 0.638 | 0.225 | 0.7 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0.112 | 0.096 | 0.17 | 0.499 | 0.469 | 0.14 | 0.189 | 0.069 | 0.037 | 0.052 | 0 | 0.073 | 0.0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0.217 | 0 | 0.302 | 0.733 | 0.221 | 0 | 0 | 0.225 | 0.08 | 0.107 | 0.057 | 0.144 | |
| 8 | 0 | 0 | 0 | 0 | 0 | 0.204 | 0.56 | 0.48 | 0.305 | 0.593 | 0.543 | 0.84 | 0.36 | 0.207 | 0.211 | 0.544 | 0.213 | 0.7 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0.227 | 0.671 | 0.465 | 0.291 | 0.615 | 0.775 | 1 | 0.344 | 0.248 | 0.245 | 0.625 | 0.262 | 0.8 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0.193 | 0.411 | 0.585 | 0.355 | 0.516 | 0.635 | 0.756 | 0.253 | 0.176 | 0.194 | 0.439 | 0.178 | 0.6 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0.216 | 0.523 | 0.568 | 0.337 | 0.545 | 0.85 | 0.863 | 0.241 | 0.215 | 0.227 | 0.504 | 0.224 | 0.8 |
| 12 | 0.235 | 0.041 | 0.291 | 0.031 | 0.061 | 0.439 | 0.64 | 0.114 | 0.695 | 0.311 | 0.625 | 0.755 | 0.004 | 0.363 | 0.325 | 0.21 | 0.46 | 0.8 |
| 13 | 0.475 | 0.054 | 0.625 | 0.061 | 0.058 | 0.468 | 0.714 | 0.11 | 0.693 | 0.314 | 0.737 | 0.883 | 0 | 0.407 | 0.358 | 0.267 | 0.521 | 0.8 |
| 14 | 0.351 | 0.39 | 0.14 | 0.456 | 0.082 | 0.597 | 0.688 | 0.206 | 0.81 | 0.19 | 0.722 | 0.682 | 0.112 | 0.507 | 0.463 | 0.306 | 0.584 | 0.8 |
| 15 | 0.635 | 0.422 | 0.613 | 0.664 | 0.504 | 0.771 | 0.455 | 0.296 | 1 | 0 | 0.826 | 0.625 | 0.216 | 0.55 | 0.538 | 0.405 | 0.759 | 0.5 |
| 16 | 0.61 | 0.489 | 0.383 | 0.933 | 0.722 | 0.762 | 0.456 | 0.288 | 0.996 | 0.005 | 0.73 | 0.653 | 0.207 | 0.542 | 0.53 | 0.386 | 0.779 | 0.5 |
| 17 | 0.33 | 0.076 | 0.094 | 0.06 | 0 | 0.396 | 1 | 0.111 | 0.472 | 0.526 | 0.767 | 0.758 | 0.002 | 0.437 | 0.365 | 0.237 | 0.421 | |
| 18 | 0.186 | 0.028 | 0.009 | 0.054 | 0 | 0.358 | 0.979 | 0.115 | 0.424 | 0.57 | 0.665 | 0.663 | 0.006 | 0.398 | 0.334 | 0.192 | 0.368 | 0.8 |
| 19 | 0.543 | 0.002 | 0.848 | 0.003 | 0.028 | 0.465 | 0.144 | 0.457 | 0.901 | 0.055 | 0.719 | 0.509 | 0.415 | 0.264 | 0.297 | 0.53 | 0.457 | 0. |
| 20 | 0 | 0 | 0 | 0 | 0 | 0.265 | 0.56 | 0.654 | 0.393 | 0.482 | 0.583 | 0.961 | 0.29 | 0.268 | 0.283 | 0.525 | 0.277 | 0.9 |
| 21 | 1 | 1 | 1 | 1 | 1 | 1 | 0.857 | 0.721 | 0.943 | 0.019 | 0.894 | 0.601 | 0.329 | 1 | 1 | 0.514 | 1 | 0.8 |
| 22 | 0.491 | 0.14 | 0.411 | 0.402 | 0.318 | 0.594 | 0.383 | 0.216 | 0.93 | 0.072 | 0.696 | 0.697 | 0.126 | 0.394 | 0.387 | 0.318 | 0.631 | 0.4 |
| 23 | 0.311 | 0.228 | 0.563 | 0.393 | 0.442 | 0.587 | 0.345 | 0.21 | 0.941 | 0.062 | 0.556 | 0.713 | 0.119 | 0.374 | 0.371 | 0.288 | 0.654 | 0.3 |
| 24 | 0.058 | 0.043 | 0 | 0 | 0 | 0.354 | 0.575 | 1 | 0.47 | 0.361 | 0.941 | 0.829 | 0.527 | 0.375 | 0.417 | 0.775 | 0.312 | 0.9 |
| 25 | 0.009 | 0 | 0 | 0 | 0 | 0.318 | 0.613 | 0.873 | 0.417 | 0.428 | 1 | 0.924 | 0.494 | 0.344 | 0.373 | 0.785 | 0.303 | 0. |

| | KE | KF | KG | KH | KI | KJ | KK | KL | KM | KN | KO | KP | KQ | KR | KS | KT | KU | KV |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| 1 | L2m | L3m | P1m | P2m | E1m | E2m | E3m | Am | Vm | Dm | L2v | L3v | P1v | P2v | E1v | E2v | E3v | Dv |
| 2 | 0.129 | 0 | 0.234 | 0.89 | 0.653 | 0 | 0.645 | 0 | 0 | 0.703 | 0.237 | 0 | 0 | 1 | 0.183 | 0.165 | 1 | 0.8 |
| 3 | 0.227 | 0.081 | 0.727 | 0.297 | 0.478 | 0.335 | 0.016 | 0.154 | 0.168 | 0.413 | 0.175 | 0.297 | 0.753 | 0.213 | 0.652 | 0.35 | 0.12 | 0.5 |
| 4 | 0.799 | 0.453 | 0 | 1 | 0.573 | 0.563 | 0.138 | 0.241 | 0.214 | 0.644 | 0.732 | 0.954 | 0.039 | 0.772 | 0.582 | 0.761 | 0.334 | 0.8 |
| 5 | 0.742 | 0.419 | 0.202 | 0.793 | 0.725 | 0.679 | 0.103 | 0.272 | 0.247 | 0.769 | 0.629 | 0.916 | 0.261 | 0.579 | 0.794 | 0.802 | 0.258 | 0.9 |
| 6 | 0.051 | 0.031 | 0.515 | 0.553 | 0.248 | 0.05 | 0.002 | 0.021 | 0.032 | 0.136 | 0.077 | 0.123 | 0.457 | 0.521 | 0.135 | 0.043 | 0.022 | 0.0 |
| 7 | 0 | 0.058 | 0.695 | 0.337 | 0 | 0.067 | 0.009 | 0.042 | 0.063 | 0 | 0 | 0.223 | 0.678 | 0.288 | 0 | 0 | 0.075 | |
| 8 | 0.769 | 0.184 | 0.215 | 0.852 | 0.725 | 0.611 | 0.058 | 0.248 | 0.214 | 0.713 | 0.667 | 0.402 | 0.278 | 0.652 | 0.699 | 0.738 | 0.155 | 0.7 |
| 9 | 0.873 | 0.174 | 0.252 | 0.816 | 1 | 0.67 | 0.055 | 0.306 | 0.262 | 0.901 | 0.759 | 0.388 | 0.279 | 0.657 | 0.815 | 0.762 | 0.147 | 0.8 |
| 10 | 0.668 | 0.16 | 0.213 | 0.858 | 0.577 | 0.636 | 0.024 | 0.2 | 0.175 | 0.618 | 0.527 | 0.476 | 0.313 | 0.601 | 0.653 | 0.739 | 0.109 | 0.6 |
| 11 | 0.803 | 0.149 | 0.226 | 0.851 | 0.829 | 0.73 | 0.021 | 0.26 | 0.223 | 0.81 | 0.624 | 0.459 | 0.307 | 0.614 | 0.759 | 0.737 | 0.104 | 0.7 |
| 12 | 0.856 | 0.022 | 0.597 | 0.467 | 0.721 | 0.59 | 0 | 0.429 | 0.374 | 0.669 | 0.714 | 0.081 | 0.693 | 0.31 | 0.888 | 0.608 | 0.001 | 0. |
| 13 | 0.896 | 0.02 | 0.644 | 0.414 | 0.923 | 0.601 | 0 | 0.486 | 0.422 | 0.792 | 0.765 | 0.078 | 0.704 | 0.3 | 0.957 | 0.617 | 0 | 0.7 |
| 14 | 0.885 | 0.039 | 0.706 | 0.338 | 0.55 | 0.577 | 0.004 | 0.531 | 0.467 | 0.564 | 0.747 | 0.149 | 0.796 | 0.203 | 0.775 | 0.525 | 0.035 | 0.6 |
| 15 | 0.583 | 0.056 | 0.954 | 0.051 | 0.572 | 0.48 | 0.008 | 0.532 | 0.514 | 0.533 | 0.497 | 0.214 | 0.996 | 0.003 | 0.85 | 0.476 | 0.067 | 0.6 |
| 16 | 0.565 | 0.056 | 0.973 | 0.03 | 0.657 | 0.465 | 0.009 | 0.537 | 0.523 | 0.576 | 0.492 | 0.211 | 1 | 0 | 0.878 | 0.485 | 0.068 | 0.6 |
| 17 | 1 | 0.021 | 0.474 | 0.608 | 0.808 | 0.346 | 0 | 0.444 | 0.372 | 0.605 | 1 | 0.079 | 0.489 | 0.51 | 0.832 | 0.421 | 0.001 | 0.5 |

Data Pretreatment.xlsx - Excel

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Name

| | KV | KW | KX | KY | KZ | LA | LB | LC | LD | LE | LF | LG | LH | LI | LJ | LK | LL | LM |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|----|----|
| 1 | Dv | E1e | E2e | E3e | L2p | E1p | E2p | E3p | Dp | E1i | E2i | Di | E1s | Ds | | | | |
| 2 | 0.872 | 0.394 | 0.544 | 1 | 0.28 | 0 | 0.4 | 1 | 0.871 | 0.215 | 0.787 | 1 | 0.404 | 1 | | | | |
| 3 | 0.551 | 0.678 | 0.521 | 0.299 | 0.153 | 0.686 | 0.379 | 0.2 | 0.578 | 0.632 | 0.534 | 0.417 | 0.757 | 0.446 | | | | |
| 4 | 0.835 | 0.301 | 0.749 | 0.46 | 0.69 | 0.532 | 0.866 | 0.438 | 0.869 | 0.051 | 0.766 | 0.524 | 0.36 | 0.586 | | | | |
| 5 | 0.917 | 0.637 | 0.92 | 0.378 | 0.576 | 0.752 | 0.853 | 0.341 | 0.911 | 0.447 | 0.941 | 0.561 | 0.718 | 0.638 | | | | |
| 6 | 0.056 | 0.232 | 0.121 | 0.057 | 0.09 | 0.101 | 0.112 | 0.042 | 0.001 | 0.173 | 0.208 | 0 | 0.243 | 0 | | | | |
| 7 | 0 | 0 | 0 | 0.195 | 0 | 0.037 | 0 | 0.132 | 0 | 0 | 0 | 0.063 | 0 | 0.041 | | | | |
| 8 | 0.758 | 0.609 | 0.778 | 0.336 | 0.621 | 0.625 | 0.825 | 0.219 | 0.721 | 0.404 | 0.818 | 0.488 | 0.639 | 0.542 | | | | |
| 9 | 0.829 | 0.956 | 0.921 | 0.313 | 0.717 | 0.656 | 0.862 | 0.214 | 0.749 | 0.716 | 1 | 0.574 | 0.975 | 0.638 | | | | |
| 10 | 0.697 | 0.62 | 0.79 | 0.229 | 0.457 | 0.644 | 0.724 | 0.167 | 0.65 | 0.517 | 0.749 | 0.381 | 0.687 | 0.46 | | | | |
| 11 | 0.753 | 0.942 | 0.889 | 0.212 | 0.554 | 0.671 | 0.736 | 0.164 | 0.668 | 0.808 | 0.871 | 0.451 | 1 | 0.54 | | | | |
| 12 | 0.7 | 0.566 | 0.749 | 0.006 | 0.654 | 0.87 | 0.611 | 0.001 | 0.599 | 0.377 | 0.785 | 0.135 | 0.66 | 0.233 | | | | |
| 13 | 0.743 | 0.775 | 0.851 | 0 | 0.717 | 0.871 | 0.655 | 0 | 0.615 | 0.539 | 0.931 | 0.198 | 0.856 | 0.301 | | | | |
| 14 | 0.628 | 0.602 | 0.693 | 0.1 | 0.696 | 0.812 | 0.512 | 0.061 | 0.581 | 0.542 | 0.717 | 0.247 | 0.677 | 0.306 | | | | |
| 15 | 0.676 | 0.65 | 0.603 | 0.19 | 0.467 | 0.915 | 0.512 | 0.119 | 0.69 | 0.669 | 0.666 | 0.357 | 0.764 | 0.381 | | | | |
| 16 | 0.696 | 0.626 | 0.638 | 0.186 | 0.464 | 0.893 | 0.527 | 0.115 | 0.68 | 0.51 | 0.669 | 0.321 | 0.709 | 0.371 | | | | |
| 17 | 0.594 | 0.806 | 0.661 | 0.001 | 1 | 0.764 | 0.538 | 0.001 | 0.51 | 0.639 | 0.789 | 0.176 | 0.876 | 0.245 | | | | |
| 18 | 0.539 | 0.627 | 0.546 | 0.008 | 0.97 | 0.805 | 0.446 | 0.002 | 0.502 | 0.47 | 0.699 | 0.128 | 0.71 | 0.18 | | | | |
| 19 | 0.711 | 0.712 | 0.627 | 0.366 | 0.176 | 0.658 | 0.523 | 0.257 | 0.663 | 0.603 | 0.482 | 0.474 | 0.787 | 0.546 | | | | |
| 20 | 0.829 | 0.68 | 1 | 0.258 | 0.633 | 0.586 | 0.97 | 0.205 | 0.739 | 0.478 | 0.946 | 0.463 | 0.745 | 0.564 | | | | |
| 21 | 1 | 0.696 | 0.458 | 0.429 | 0.91 | 1 | 0.568 | 0.311 | 0.926 | 0.684 | 0.593 | 0.431 | 0.831 | 0.564 | | | | |
| 22 | 0.686 | 0.584 | 0.625 | 0.113 | 0.368 | 0.985 | 0.456 | 0.065 | 0.665 | 0.464 | 0.773 | 0.267 | 0.722 | 0.309 | | | | |
| 23 | 0.688 | 0.525 | 0.649 | 0.11 | 0.323 | 0.945 | 0.441 | 0.063 | 0.634 | 0.247 | 0.767 | 0.22 | 0.627 | 0.287 | | | | |
| 24 | 0.959 | 0.855 | 0.879 | 0.489 | 0.664 | 0.706 | 0.944 | 0.438 | 1 | 0.899 | 0.791 | 0.701 | 0.896 | 0.767 | | | | |
| 25 | 0.971 | 1 | 0.88 | 0.462 | 0.701 | 0.69 | 1 | 0.416 | 0.992 | 1 | 0.883 | 0.713 | 0.986 | 0.77 | | | | |

V-WSP

115%

Lampiran 7. Data Hasil *Docking* Senyawa Rancangan dan Senyawa 20

Tabel 12. Hasil *docking* senyawa SR1

| Konformasi | Konstanta Inhibisi (mM) | Energi Ikat (kkal/mol) | Residu interaksi ikatan H |
|------------|-------------------------|------------------------|------------------------------------|
| 1 | 0,52854 | -4,47 | Arg831, Gln881 dan Ser992 |
| 2 | 0,94197 | -4,13 | Arg831, Gln881 dan Ser992 |
| 3 | 0,40439 | -4,63 | Arg831 dan Ala994 |
| 4 | 0,3669 | -4,69 | Arg831 dan Gln881 |
| 5 | 1,43 | -3,88 | Arg831, Val990, Ser991, dan Ala994 |
| 6 | 0,40158 | -4,63 | Arg831, Asn838, Val990, dan Pro995 |
| 7 | 0,3532 | -4,71 | Arg831, Val990 dan Pro995 |
| 8 | 0,38187 | -4,66 | Arg831 dan Ser992 |
| 9 | 0,23775 | -4,94 | Arg831, Ser992 dan Asp 996 |
| 10 | 0,72541 | -4,28 | Arg831, Gln881 dan Ala994 |

Tabel 13. Hasil *docking* senyawa SR2

| Konformasi | Konstanta Inhibisi (mM) | Energi Ikat (kkal/mol) | Residu interaksi ikatan H |
|------------|-------------------------|------------------------|---------------------------|
| 1 | 2,94 | -3,45 | Ser991 |
| 2 | 3,23 | -3,40 | Asn838 dan Ala868 |
| 3 | 3,36 | -3,37 | Ala868 dan Ser991 |
| 4 | 2,03 | -3,67 | Ser991 |
| 5 | 3,52 | -3,35 | Ala868 |
| 6 | 2,65 | -3,51 | Ala868 |
| 7 | 2,54 | -3,54 | Ala868 |
| 8 | 2,61 | -3,53 | Ala868 |
| 9 | 3,00 | -3,44 | Ala868 dan Ser991 |
| 10 | 3,48 | -3,35 | Ala868 |

Tabel 14. Hasil *docking* senyawa SR7

| Konformasi | Konstanta Inhibisi (mM) | Energi Ikatan (kkal/mol) | Residu interaksi ikatan H |
|-------------------|--------------------------------|---------------------------------|----------------------------------|
| 1 | 1,26 | -3,96 | Asn838 dan Ala868 |
| 2 | 1,35 | -3,92 | Asn838 dan Ala868 |
| 3 | 0,75056 | -4,26 | Ala868 |
| 4 | 1,22 | -3,97 | Ala868 |
| 5 | 1,18 | -3,99 | Asn838 dan Ala868 |
| 6 | 0,44056 | -4,58 | Arg831, Asn838 dan Val990 |
| 7 | 0,67913 | -4,32 | Ala868 |
| 8 | 1,07 | -4,05 | Asn838 dan Ala868 |
| 9 | 0,87121 | -4,17 | Asn838 dan Ala868 |
| 10 | 0,56056 | -4,44 | Val990 dan Ala994 |

Tabel 15. Hasil *docking* senyawa SR8

| Konformasi | Konstanta Inhibisi (mM) | Energi Ikatan (kkal/mol) | Residu interaksi ikatan H |
|-------------------|--------------------------------|---------------------------------|----------------------------------|
| 1 | 0,35907 | -4,7 | Arg831, Gln881 dan Ser992 |
| 2 | 1,35 | -3,92 | Ser991 |
| 3 | 0,76427 | -4,25 | Arg831, Gln881 dan Ser992 |
| 4 | 1,2 | -3,99 | Ser991 |
| 5 | 0,37185 | -4,68 | Arg831, Gln881 dan Ser992 |
| 6 | 1,05 | -4,07 | Ala868 |
| 7 | 0,35866 | -4,7 | Arg831, Gln881 dan Ser992 |
| 8 | 1,02 | -4,08 | Asn838 dan Val990 |
| 9 | 0,97281 | -4,11 | Arg831 dan Pro995 |
| 10 | 0,45631 | -4,56 | Arg831 dan Ser992 |

Tabel 16. Hasil *docking* senyawa 20

| Konformasi | Konstanta Inhibisi (mM) | Energi Ikatan (kkal/mol) | Residu interaksi ikatan H |
|-------------------|--------------------------------|---------------------------------|----------------------------------|
| 1 | 0,95725 | -4,12 | Ala868 dan Ser991 |
| 2 | 0,56281 | -4,43 | - |
| 3 | 2,00 | -3,68 | - |
| 4 | 0,87066 | -4,17 | Ala868 dan Ser991 |
| 5 | 0,49642 | -4,51 | Asn838 |
| 6 | 0,85508 | -4,19 | Ala868 dan Ser991 |
| 7 | 0,94277 | -4,13 | Ser991 |
| 8 | 1,10 | -4,04 | Ser991 |
| 9 | 0,41457 | -4,61 | Ser991 |
| 10 | 0,95218 | -4,12 | - |

Lampiran 8. Dokumentasi Penelitian

The image shows three Notepad windows displaying 20-1H NMR spectra data. Each window contains a table with columns for Shift (ppm), Degeneracy, and Atoms.

| Shift (ppm) | Degeneracy | Atoms |
|--------------|------------|-------|
| 8.6553000000 | 1.0000 | 9 |
| 8.5592000000 | 1.0000 | 11 |
| 8.0924000000 | 1.0000 | 28 |
| 7.9090000000 | 1.0000 | 7 |
| 7.7980000000 | 1.0000 | 32 |
| 7.6930000000 | 1.0000 | 34 |
| 7.6137000000 | 2.0000 | 33,30 |
| 7.5186000000 | 1.0000 | 8 |
| 6.5558000000 | 1.0000 | 13 |
| 5.5452000000 | 1.0000 | 17 |
| 4.3984000000 | 1.0000 | 15 |
| 3.6891000000 | 1.0000 | 20 |
| 3.4461000000 | 1.0000 | 18 |
| 3.3146000000 | 1.0000 | 45 |
| 3.1639000000 | 1.0000 | 40 |
| 3.0648000000 | 1.0000 | 41 |
| 2.9524000000 | 2.0000 | 42,21 |
| 2.8847000000 | 1.0000 | 46 |
| 2.8033000000 | 1.0000 | 44 |

Pemilihan optimasi terbaik

The image shows two Notepad windows. The left window displays the input file for an ORCA calculation, and the right window displays the corresponding output file.

```

# avogadro generated ORCA input file
# Basic Mode
! B3LYP OPT 6-31G NormalPrint NormalSCF

%scf
  MaxIter 125
end

%output

end

* xyz 0 1
C      -5.21865      1.80028      -0.08067
C      -5.38811      0.41388      -0.06796
C      -3.93534      2.35350      -0.05439
C      -2.79636      1.52969      -0.01486
C      -2.97724      0.12918      -0.00229
C      -4.26325      -0.42004      -0.02869
C      -1.45682      2.18312      0.01163
C      -0.27957      1.52856      0.05010
C      1.02125      2.24324      0.07486
O      -6.63264      -0.10429      -0.09367
  
```

```

*****
* O R C A *
*****

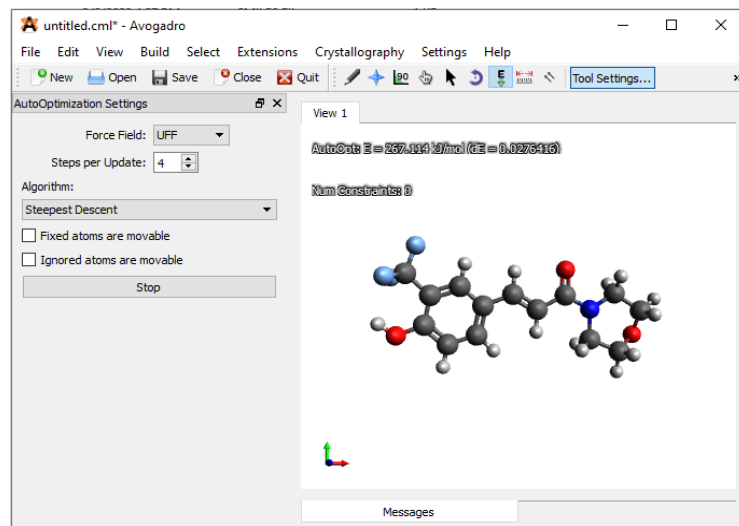
--- An Ab Initio, DFT and Semiempirical electronic structure package ---

#####
#
# Department of theory and spectroscopy #
# Directorship: Frank Neese #
# Max Planck Institute fuer Kohlenforschung #
# Kaiser Wilhelm Platz 1 #
# D-45470 Muelheim/Ruhr #
# Germany #
#
# All rights reserved #
#
#####

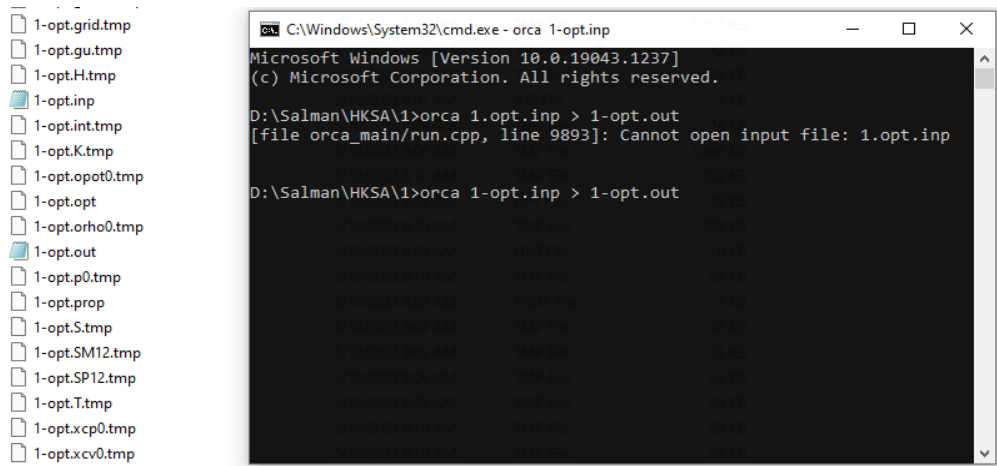
Program Version 4.2.1 - RELEASE -

With contributions from (in alphabetic order):
  
```

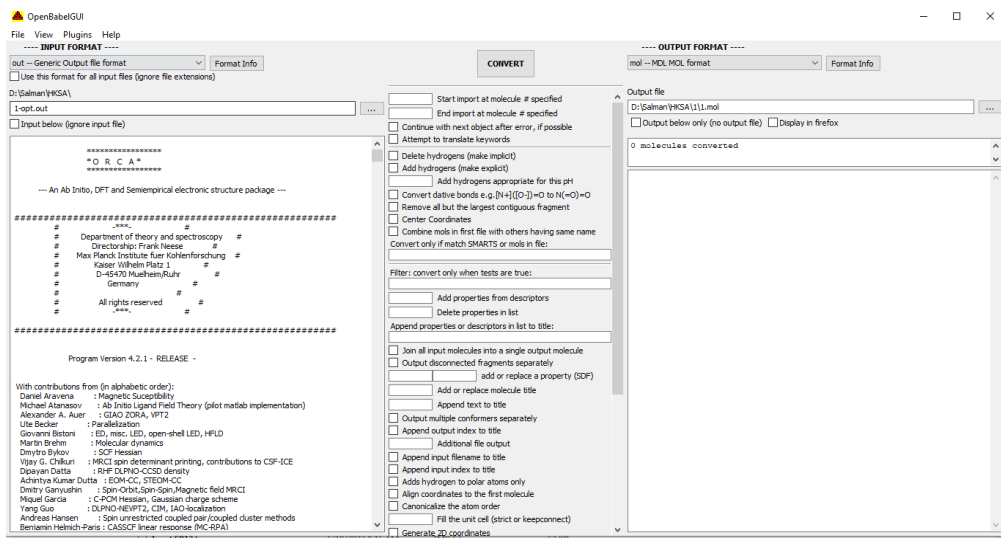
Tampilan file .inp dan .out



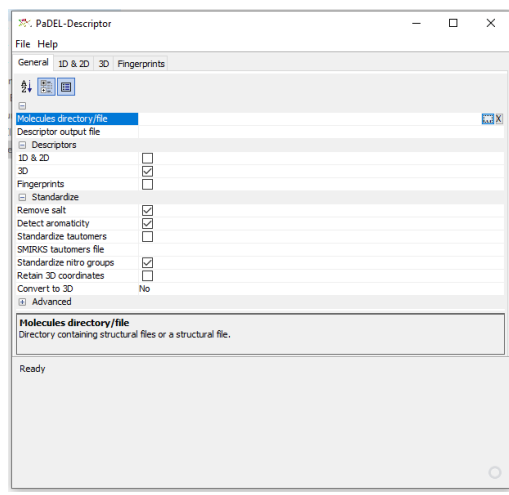
Tampilan aplikasi Avogadro



Proses optimasi dengan ORCA



Konversi format file menggunakan Open Babel



Tampilan aplikasi PaDEL-Descriptor

DTC lab
Drug Theoretical and Cheminformatics Laboratory

DR. KUNAL ROY

JOURNAL MORE

Cheminformatics Tools

A QSAR Tools

Important Note: The same software tools are now also available from the official Website of Jadavpur University (Kolkata, INDIA). Although you can freely access the software tools from any one of the sites, you are advised to cite the link http://teqip.jdvu.ac.in/QSAR_Tools/

QSAR model development using DTC lab software tools

```

graph TD
    1[1. Select data set  
Literature survey  
Database] --> 2[2. Calculate descriptors  
Elemental-Descriptor - (Metal,  
Nonmetal, Semimetals)*  
(Other freely available software like  
PaDEL, CTK, Draw for calculation, etc.)]
    2 --> 3[3. Normalize the data  
(optional step)  
Normalize Data *  
Standardize*]
    3 --> 4[4. To Ensemble Dataset  
A. Intra-Modality  
MODality tools (MODy)*  
B. Inter-Modality  
Diversity Validation*  
MutualInfo-Diversity*]
    4 --> 5[5. Data Pre-Treatment  
Data Pre-Treatment GUI  
(WSP)*]
    5 --> 6[6. Dataset Division  
Dataset Division GUI  
Euclidean Based Kernal-Tree*  
Mahalanobis Distance Based Kernal-Tree*  
Clustering Methods  
k-Means/ GMM (K-Means, GMM)  
Modified k-Means/ GMM (fast, optimal)]
    6 --> 7[7. QSAR Model Development  
Stepwise MLR*  
Genetic Algorithm*  
MLR-BackSubstSelection*]
    7 --> 8[8. Model Validation/Evaluation  
MLR/MLK Validation GUI  
Cross Validation Metric Calc.*  
MLK-Transformation Test*  
MLK-Leave-Many-Out*  
Qualitative Validation*]
    8 --> 9[9. To Define Applicability  
Domain (AD)  
AD-Using Standardization  
Approach*  
Euclidean AD*  
AD-MDI*]
  
```

*Software Tools (Java Programming Language) available at DTC lab Website
@ Software Tools (C++ Programming Language) available at DTC lab website

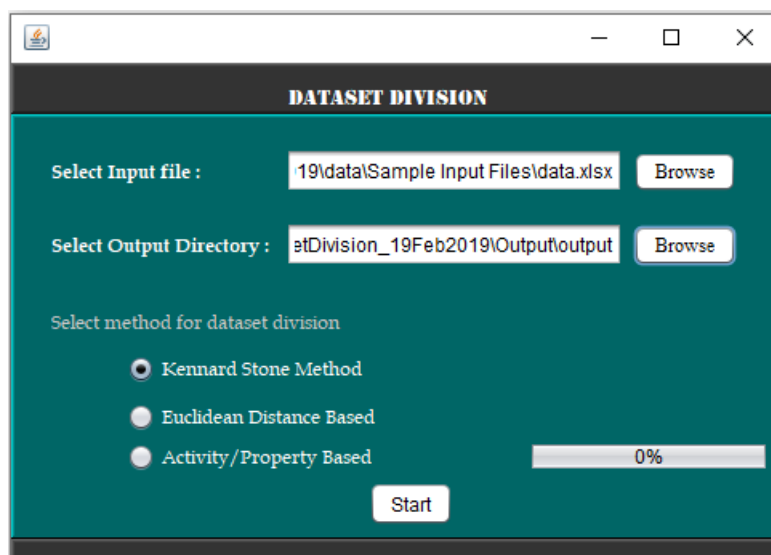
[License Agreement Form](#)
Download

To be a registered user (free of charge) of this site for academic/commercial purpose, kindly download and sign a [License Agreement Form](#) and send to kunalroy_in@yahoo.com

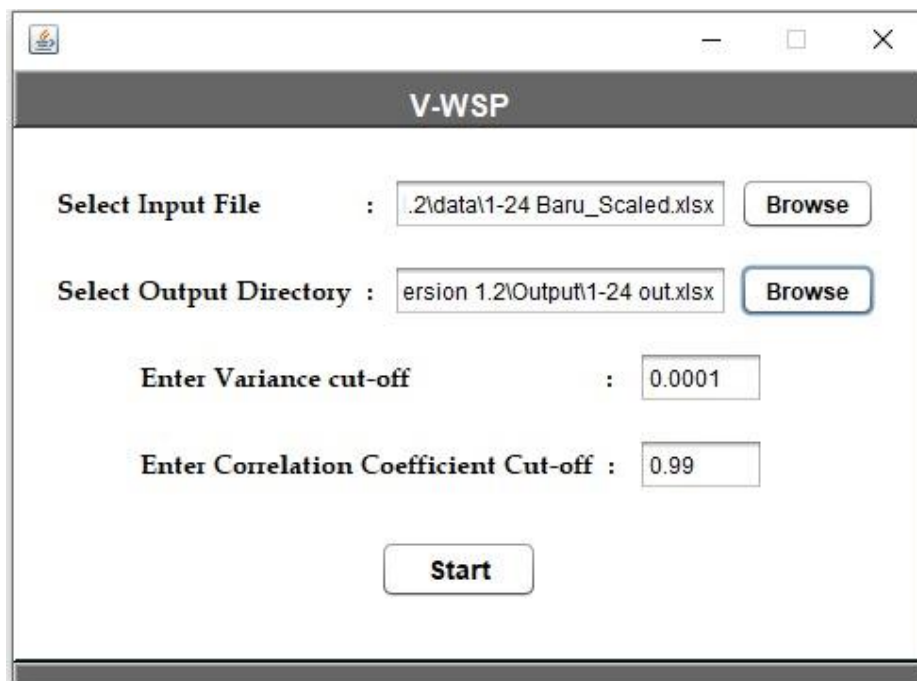
**Researchers from various institutes have already signed the license agreement. The names of the representative institutes are as follows:

- Department of Physics, SCSVMV University, Tamil Nadu, INDIA.
- Institute of Pharmaceutical Sciences, Cinn Cholesterol Metabolism, Bikaner, INDIA.

Tampilan laman situs DTC LAB



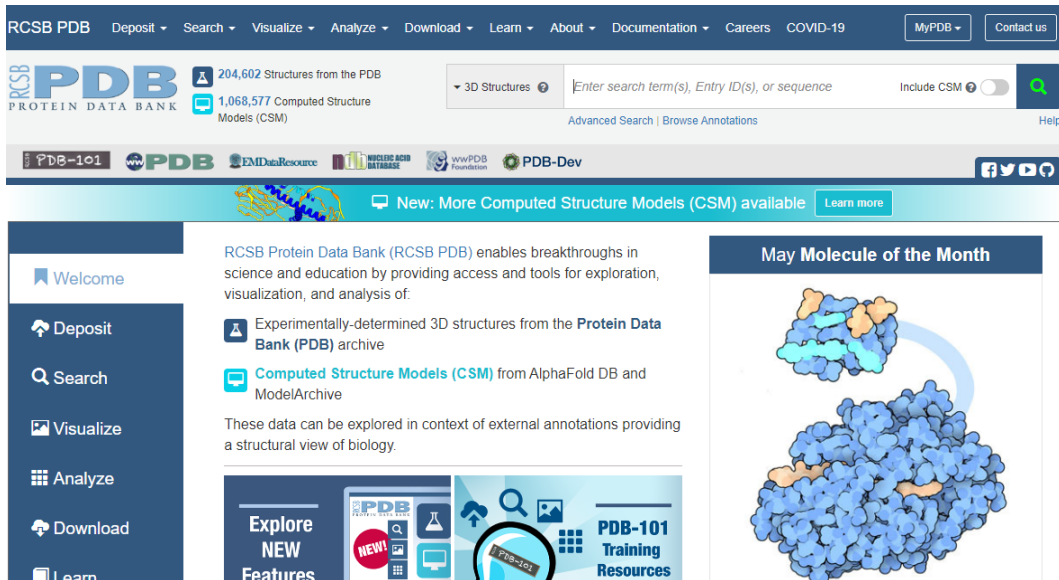
Tampilan aplikasi pembagi *data set*



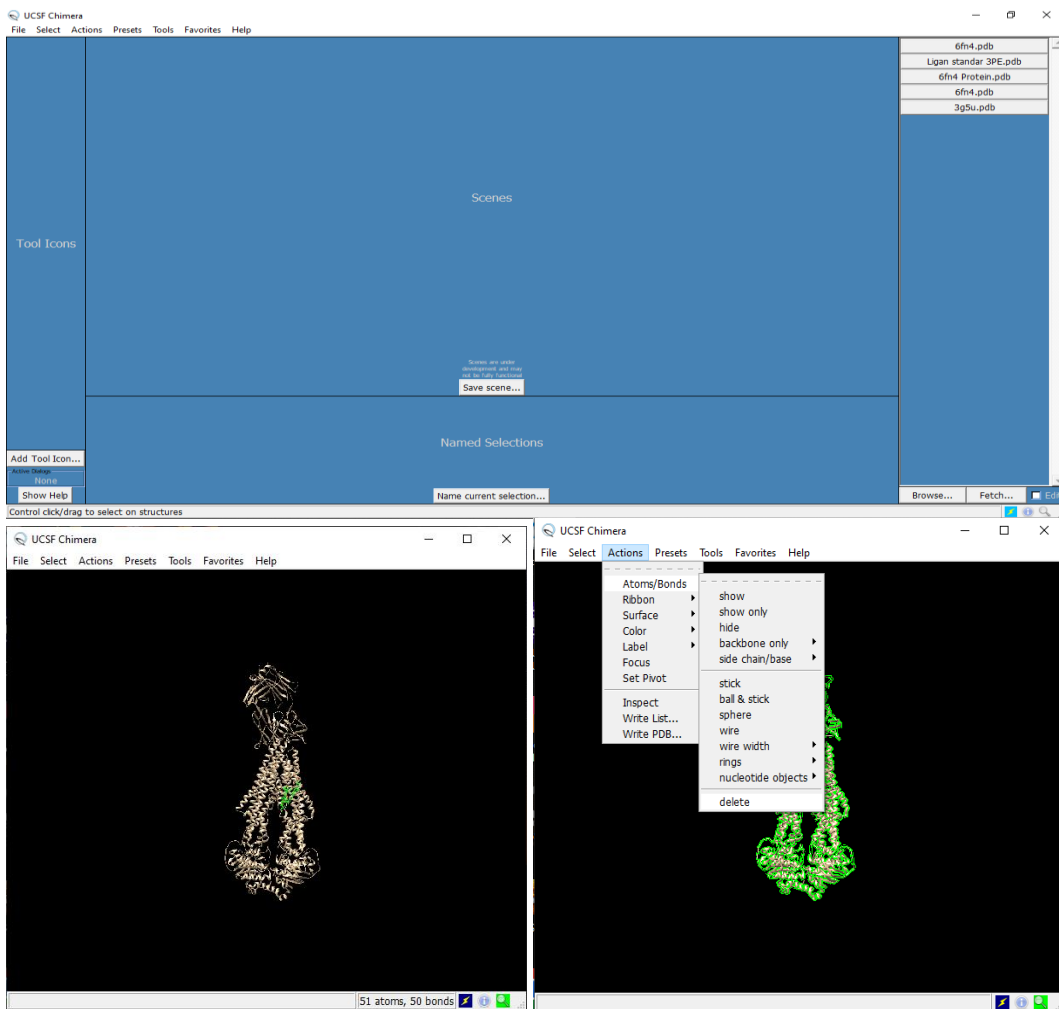
Tampilan aplikasi *pretreatment* V-WSP

| | ID | Y1 | X1 | X7 | X8 | X9 | X10 | X11 | X12 | X13 | X14 | X15 | | | | | |
|----|------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| 1 | C-01 | 1.643452676 | 0 | | | | | | 0.916 | 0.495 | 0.261 | 0.7 | | | | | |
| 2 | C-02 | 1.728840568 | 0.0 | | | | | | 0.032 | 0.078 | 0.174 | 0.6 | | | | | |
| 3 | C-03 | 1.371067862 | 0.1 | | | | | | | | | | | | | | |
| 4 | C-04 | 0.727541257 | 0.9 | | | | | | | | | | | | | | |
| 5 | C-05 | 1.208172527 | 0.302 | 0.456 | 0.785 | 0.857 | 0.972 | 1 | 1 | 0.743 | 0.935 | 0.971 | 0.868 | 0.761 | 0.798 | 0.335 | 0.7 |
| 6 | C-06 | 1.286680969 | 1 | 0.464 | 0.276 | 0.315 | 0.521 | 0.734 | 0.479 | 0.296 | 0.414 | 0.503 | 0.797 | 0.416 | 0.338 | 0.243 | 0.4 |
| 7 | C-07 | 0.170261715 | 0.967 | 0.531 | 0.338 | 0.299 | 0.517 | 0.713 | 0.494 | 0.315 | 0.465 | 0.498 | 1 | 0.667 | 0.653 | 0.393 | 0.5 |
| 8 | C-08 | 1.728028954 | 0.842 | 0.476 | 0.199 | 0.519 | 0.711 | 0.75 | 0.475 | 0.286 | 0.411 | 0.479 | 0.466 | 0.232 | 0.032 | 0.206 | 0.5 |
| 9 | C-09 | 1.208172527 | 0.691 | 0.94 | 0.687 | 0.833 | 0.943 | 0.931 | 0.67 | 0.855 | 0.935 | 0.655 | 0.704 | 0.619 | 0.404 | 0.296 | 0.7 |
| 10 | C-10 | 2.828904682 | 0.668 | 1 | 0.738 | 0.789 | 0.911 | 0.9 | 0.676 | 0.851 | 0.944 | 0.662 | 0.899 | 0.871 | 0.717 | 0.442 | 0.7 |
| 11 | C-11 | 2.254209597 | 0.641 | 0.652 | 0.784 | 0.812 | 0.71 | 0.73 | 0.682 | 0.932 | 1 | 0.768 | 0.769 | 0.631 | 0.789 | 0.536 | 0.6 |
| 12 | C-12 | 1.033021445 | 0.763 | 0.565 | 0.713 | 0.997 | 0.64 | 0.647 | 0.823 | 0.986 | 0.931 | 0.97 | 0.803 | 0.585 | 0.77 | 0.596 | 0.5 |
| 13 | C-13 | -0.215382707 | 0.088 | 0.255 | 0 | 0 | 0.889 | 0.992 | 0.921 | 0.976 | 0.996 | 0.909 | 0.174 | 0.13 | 0.277 | 0.253 | 0.4 |
| 14 | C-14 | -0.064996849 | 0.861 | 0.558 | 0.196 | 0.23 | 0.497 | 0.719 | 0.399 | 0.345 | 0.479 | 0.445 | 0.517 | 0.338 | 0.288 | 0.152 | 0.4 |
| 15 | C-15 | -0.301029996 | 0.907 | 0.512 | 0.559 | 0.964 | 0.764 | 0.541 | 0 | 0.196 | 0.485 | 0.904 | 0.926 | 0.756 | 0.723 | 1 | 1 |
| 16 | C-16 | 0 | 0.826 | 0.806 | 0.577 | 0.953 | 0.816 | 0.896 | 0.829 | 0.905 | 0.866 | 0.873 | 0.745 | 0.564 | 0.393 | 0.367 | 0.6 |
| 17 | C-17 | 0.770115295 | 0.654 | 0.802 | 0.488 | 0.647 | 0.847 | 0.867 | 0.718 | 0.923 | 0.932 | 0.929 | 0.523 | 0.406 | 0.239 | 0.222 | 0.5 |
| 18 | C-18 | 1.669037801 | 0.831 | 0.293 | 0.262 | 0.266 | 0.238 | 0.415 | 0.271 | 0.402 | 0.483 | 0.508 | 0.422 | 0.161 | 0.351 | 0.253 | 0.3 |
| 19 | C-19 | 1.756636108 | 0.903 | 0.251 | 0.424 | 0.299 | 0.235 | 0.435 | 0.369 | 0.415 | 0.49 | 0.624 | 0.86 | 0.451 | 0.718 | 0.489 | 0.4 |

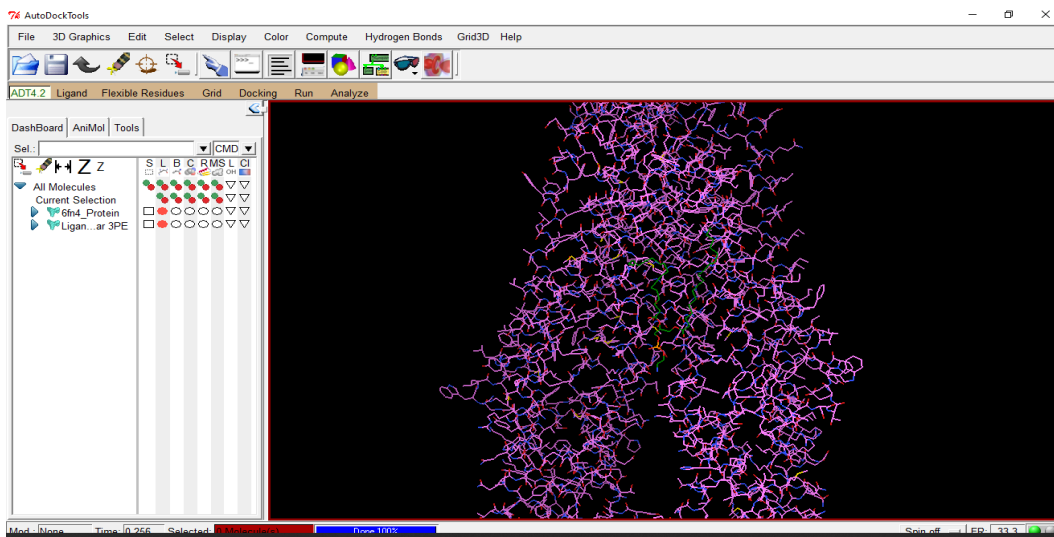
Tampilan BuildQSAR



Tampilan laman situs protein data bank (PDB)

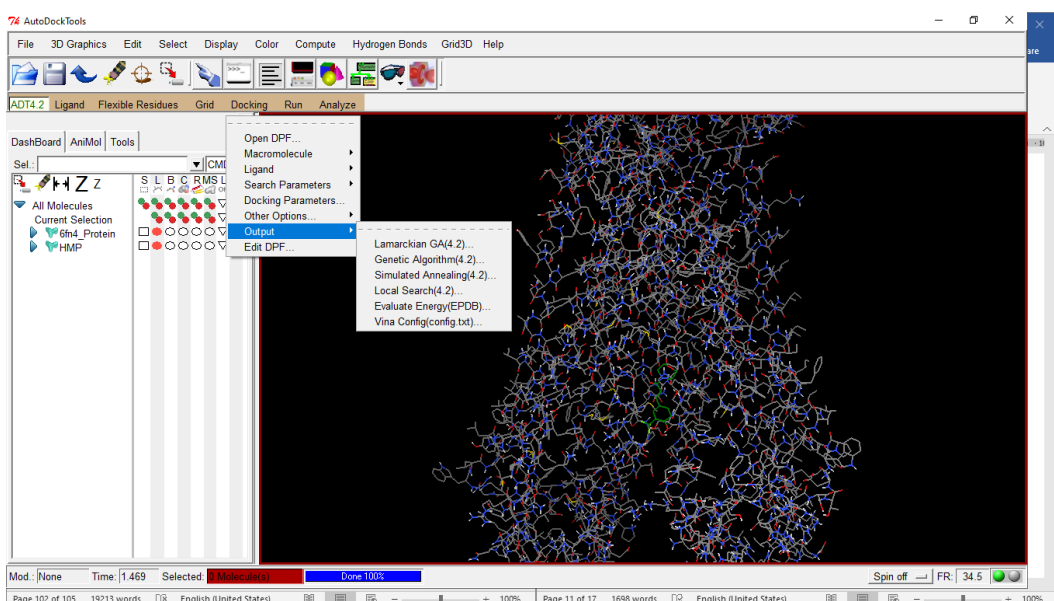


Proses preparasi protein dan ligan di chimera

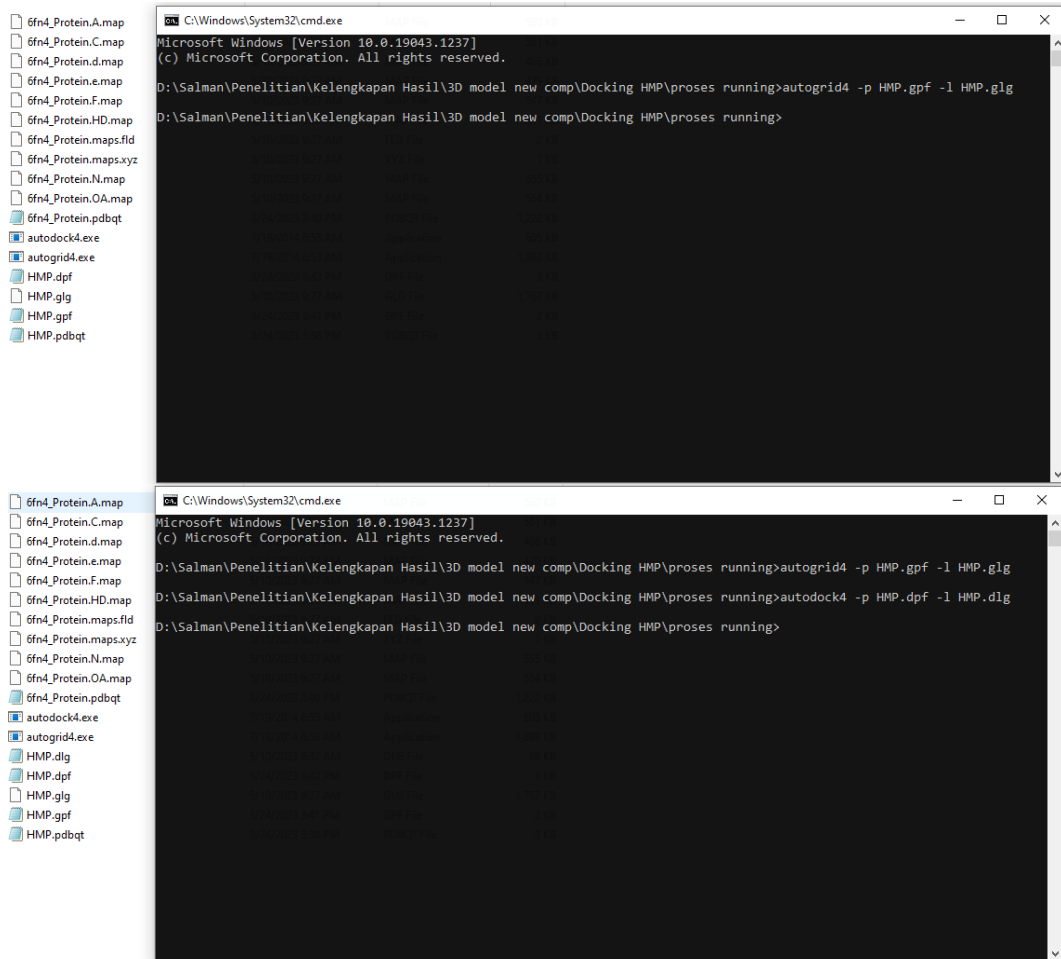


| Rank | Sub-Rank | Run | Binding Energy | Cluster RMSD | Reference RMSD | Grep Pattern |
|------|----------|-----|----------------|--------------|----------------|--------------|
| 1 | 1 | 3 | +3.11 | 0.00 | 1.16 | RANKING |
| 1 | 2 | 47 | +3.17 | 0.25 | 1.10 | RANKING |
| 1 | 3 | 41 | +3.17 | 0.25 | 1.09 | RANKING |
| 1 | 4 | 19 | +3.18 | 0.24 | 1.14 | RANKING |
| 1 | 5 | 7 | +3.18 | 0.25 | 1.10 | RANKING |
| 1 | 6 | 37 | +3.18 | 0.25 | 1.09 | RANKING |
| 1 | 7 | 32 | +3.18 | 0.28 | 1.08 | RANKING |
| 1 | 8 | 50 | +3.19 | 0.26 | 1.09 | RANKING |
| 1 | 9 | 20 | +3.19 | 0.25 | 1.11 | RANKING |
| 1 | 10 | 49 | +3.22 | 0.36 | 1.10 | RANKING |

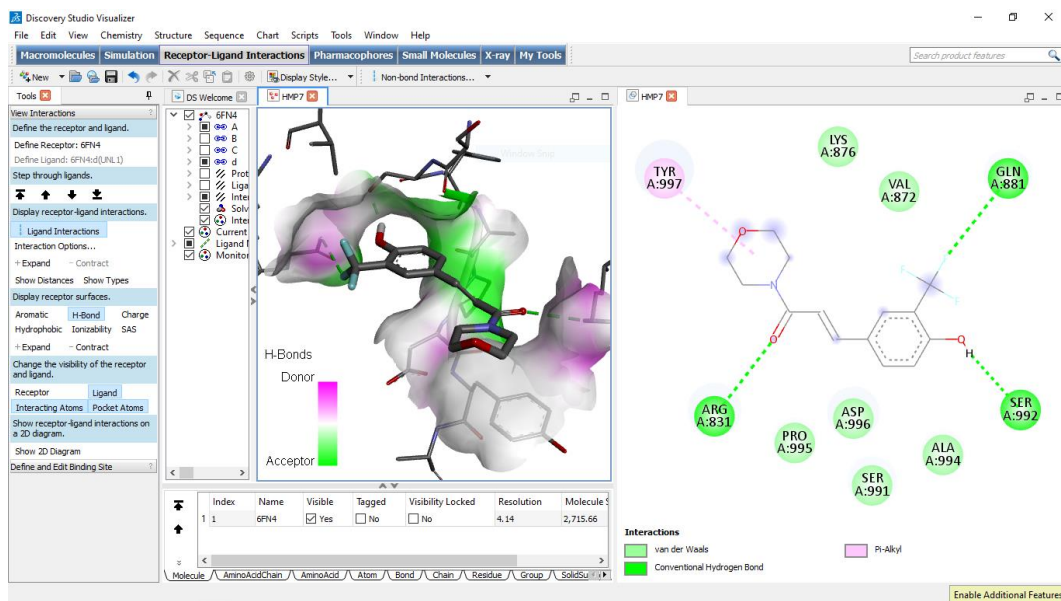
Proses *redocking* ligan standar dan perhitungan nilai RMSD



Proses *docking* senyawa dengan autodock tools



Proses *running docking* senyawa rancangan dengan autodock4



Visualisasi interaksi 2D dan 3D menggunakan Discovery Studio Visualizer

SwissDrugDesign | SwissDock | SwissParam | SwissSidechain | SwissBioIsostere | SwissTargetPrediction | **SwissADME** | SwissSimilarity | About us

SIB
Swiss Institute of Bioinformatics

SwissADME

Home | FAQ | Help | Contact | Terms of Use

This website allows you to compute physicochemical descriptors as well as to predict ADME parameters, pharmacokinetic properties, druglike nature and medicinal chemistry friendliness of one or multiple small molecules to support drug discovery.

The main article describing the web service and its underlying methodologies is [SwissADME: a free web tool to evaluate pharmacokinetics, drug-likeness and medicinal chemistry friendliness of small molecules](#). *Sci. Rep.* (2017) 7:42717. For details about development and validation of iLOG, please refer to this article: [iLOGP: a simple, robust, and efficient description of *n*-octanol/water partition coefficient for drug design using the GB/SA approach](#). *J. Chem. Inf. Model.* (2014) 54(12):3284-3301. For details about development and validation of the BOILED-Egg, please refer to this article: [A BOILED-Egg to predict gastrointestinal absorption and brain penetration of small molecules](#). *ChemMedChem* (2016) 11(11):1117-1121.

Developed and maintained by the [Molecular Modeling Group](#) of the SIB | Swiss Institute of Bioinformatics.

Tampilan laman situs SwissADME

Pharmacokinetic properties

Step 1: Please provide a set of molecules (SMILES format)

Description

Upload your SMILES file:
 No file chosen

Files are expected to have headers identifying the columns [File limits](#)

OR

Provide a SMILES string:

Example:
CC(=O)OC1=CC=CC=C1C(=O)O

Step 2: Please choose the prediction mode

Description

Prediction of pharmacokinetic properties

Disclaimer

No molecule information will be retained on the system after being uploaded by the user.

Tampilan laman situs pkCSM

Lampiran 9. Perhitungan

1. Pembuatan dan validasi persamaan HKSA algoritma Kennard *stone method*

Persamaan HKSA:

$$pIC_{50 \text{ pred}} = -0,0003 \times WNSA-1 + 49117,718$$

Data *test set* algoritma Kennard *stone method*

| Senyawa | WNSA-1 | pIC _{50 obs} |
|---------|--------|-----------------------|
| 1 | 0,044 | 1,6435 |
| 4 | 0,121 | 0,7275 |
| 16 | 0,660 | -0,0409 |
| 18 | 0,405 | -0,2154 |
| 22 | 0,457 | 0,7701 |

$$pIC_{50 \text{ pred}} (1) = -0,0003 \times 0,044 + 49117,718 = 49117,71799$$

$$pIC_{50 \text{ pred}} (4) = -0,0003 \times 0,121 + 49117,718 = 49117,71796$$

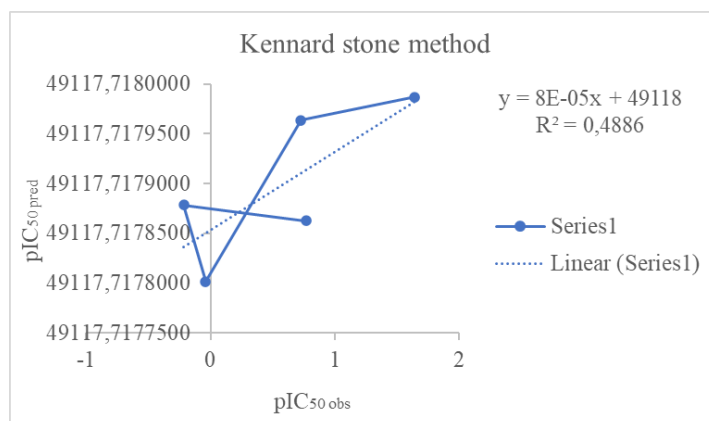
$$pIC_{50 \text{ pred}} (16) = -0,0003 \times 0,66 + 49117,718 = 49117,71780$$

$$pIC_{50 \text{ pred}} (18) = -0,0003 \times 0,405 + 49117,718 = 49117,71788$$

$$pIC_{50 \text{ pred}} (22) = -0,0003 \times 0,457 + 49117,718 = 49117,71786$$

Data dan grafik regresi algoritma Kennard *stone method*

| Senyawa | pIC _{50 obs} | pIC _{50 pred} |
|---------|-----------------------|------------------------|
| 1 | 1,6435 | 49117,71799 |
| 4 | 0,7275 | 49117,71796 |
| 16 | -0,0409 | 49117,71780 |
| 18 | -0,2154 | 49117,71788 |
| 22 | 0,7701 | 49117,71786 |



2. Pembuatan dan validasi persamaan HKSA algoritma Euclidean *distance based*

Persamaan HKSA:

$$pIC_{50 \text{ pred}} = -0,0003 \times WNSA-1 + 44856,4021$$

Data *test set* algoritma Euclidean *distance based*

| Senyawa | WNSA-1 | pIC _{50 obs} |
|---------|--------|-----------------------|
| 2 | 0,310 | 1,7288 |
| 5 | 0,003 | 1,2082 |
| 10 | 0,246 | 1,0549 |
| 20 | 1,000 | -0,3010 |
| 21 | 0,454 | 0 |

$$pIC_{50 \text{ pred}} (2) = -0,0003 \times 0,31 + 44856,4021 = 44856,4020$$

$$pIC_{50 \text{ pred}} (5) = -0,0003 \times 0,003 + 44856,4021 = 44856,4021$$

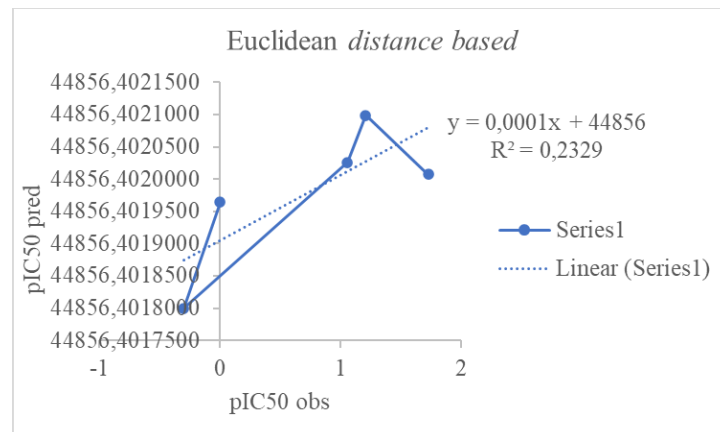
$$pIC_{50 \text{ pred}} (10) = -0,0003 \times 0,246 + 44856,4021 = 44856,4020$$

$$pIC_{50 \text{ pred}} (20) = -0,0003 \times 1 + 44856,4021 = 44856,4018$$

$$pIC_{50 \text{ pred}} (21) = -0,0003 \times 0,454 + 44856,4021 = 44856,4019$$

Data dan grafik regresi algoritma Euclidean *distance based*

| Senyawa | pIC _{50 obs} | pIC _{50 pred} |
|---------|-----------------------|------------------------|
| 2 | 1,7288 | 44856,4020 |
| 5 | 1,2082 | 44856,4021 |
| 10 | 1,0549 | 44856,4020 |
| 20 | -0,3010 | 44856,4018 |
| 21 | 0 | 44856,4019 |



3. Pembuatan dan validasi persamaan HKSA algoritma *activity/property based*

Persamaan HKSA:

$$pIC_{50 \text{ pred}} = -0,0002 \times WNSA-1 + 59598,155$$

Data *test set* algoritma *activity/property based*

| Senyawa | WNSA-1 | pIC _{50 obs} |
|---------|--------|-----------------------|
| 1 | 0,044 | 1,6435 |
| 2 | 0,310 | 1,7288 |
| 8 | 0,268 | 0,1703 |
| 13 | 0,530 | 2,2542 |
| 18 | 0,405 | -0,2154 |

$$pIC_{50 \text{ pred}} (1) = -0,0002 \times 0,044 + 59598,155 = 59598,15499$$

$$pIC_{50 \text{ pred}} (2) = -0,0002 \times 0,31 + 59598,155 = 59598,15494$$

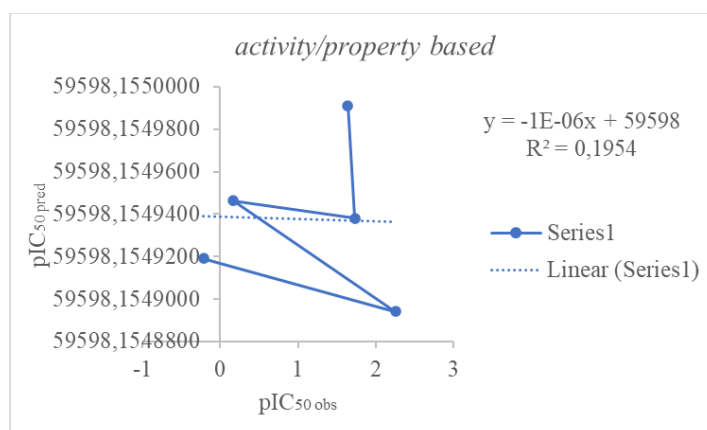
$$pIC_{50 \text{ pred}} (8) = -0,0002 \times 0,268 + 59598,155 = 59598,15495$$

$$pIC_{50 \text{ pred}} (13) = -0,0002 \times 0,53 + 59598,155 = 59598,15489$$

$$pIC_{50 \text{ pred}} (18) = -0,0002 \times 0,405 + 59598,155 = 59598,15492$$

Data dan grafik regresi algoritma *activity/property based*

| Senyawa | pIC _{50 obs} | pIC _{50 pred} |
|---------|-----------------------|------------------------|
| 1 | 1,6435 | 59598,15499 |
| 2 | 1,7288 | 59598,15494 |
| 8 | 0,1703 | 59598,15495 |
| 13 | 2,2542 | 59598,15489 |
| 18 | -0,2154 | 59598,15492 |



4. Pembuatan dan validasi persamaan HKSA manual (1)

Persamaan HKSA:

$$pIC_{50 \text{ pred}} = 1.2380 \times TDB1r + 2.8572 \times RDF130s - 3.8733 \times E1v + 2.7195 \times E2v + 1.0071$$

Data *test set* manual (1)

| Senyawa | TDB1r | RDF130s | E1v | E2v | pIC _{50 obs} |
|---------|-------|---------|-------|-------|-----------------------|
| 16 | 1 | 0,435 | 0,832 | 0,421 | -0,0409 |
| 18 | 0,070 | 0,775 | 0,673 | 0,664 | -0,2154 |
| 19 | 0,508 | 0,008 | 0,670 | 1 | -0,0650 |
| 20 | 0,790 | 1 | 0,932 | 0,400 | -0,3010 |
| 21 | 0,877 | 0,419 | 0,981 | 0,366 | 0 |

$$pIC_{50 \text{ pred}} (16) = 1.2380 \times 1 + 2.8572 \times 0,435 - 3.8733 \times 0,832 + 2.7195 \times 0,421 + 1.0071$$

$$= 1,4103$$

$$pIC_{50 \text{ pred}} (18) = 1.2380 \times 0,070 + 2.8572 \times 0,775 - 3.8733 \times 0,673 + 2.7195 \times 0,664 + 1.0071$$

$$= 2,5071$$

$$pIC_{50 \text{ pred}} (19) = 1.2380 \times 0,508 + 2.8572 \times 0,008 - 3.8733 \times 0,670 + 2.7195 \times 1 + 1.0071$$

$$= 1,7833$$

$$pIC_{50 \text{ pred}} (20) = 1.2380 \times 0,790 + 2.8572 \times 1 - 3.8733 \times 0,932 + 2.7195 \times 0,4 + 1.0071$$

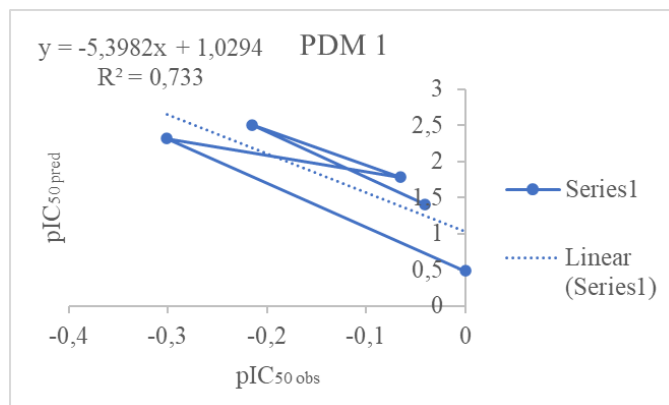
$$= 2,3202$$

$$pIC_{50 \text{ pred}} (21) = 1.2380 \times 0,877 + 2.8572 \times 0,419 - 3.8733 \times 0,981 + 2.7195 \times 0,366 + 1.0071$$

$$= 0,4856$$

Data dan grafik regresi manual (1)

| Senyawa | pIC _{50 obs} | pIC _{50 pred} |
|---------|-----------------------|------------------------|
| 16 | -0,0409 | 1,4103 |
| 18 | -0,2154 | 2,5071 |
| 19 | -0,0650 | 1,7833 |
| 20 | -0,3010 | 2,3202 |
| 21 | 0 | 0,4856 |



5. Pembuatan dan validasi persamaan HKSA manual (2)

Persamaan HKSA:

$$pIC_{50 \text{ pred}} = 3.3951 \times RDF115u + 1.6324 \times RDF35m - 2.8094 \times RDF25s - 4.3888 \times RDF120s + 1.8731$$

Data *test set* manual (2)

| Senyawa | RDF115u | RDF35m | RDF25s | RDF120s | pIC _{50 obs} |
|---------|---------|--------|--------|---------|-----------------------|
| 5 | 0,018 | 0,007 | 0 | 0 | 1,2082 |
| 6 | 0,204 | 0 | 0,013 | 0,077 | 1,3259 |
| 7 | 0,178 | 0,222 | 0,471 | 0,096 | 1,2867 |
| 11 | 0,540 | 0,075 | 0,372 | 0,177 | 1,2082 |
| 17 | 0,359 | 0,090 | 0,439 | 0,235 | 1,2297 |

$$pIC_{50 \text{ pred}} (5) = 3.3951 \times 0,018 + 1.6324 \times 0,007 - 2.8094 \times 0 - 4.3888 \times 0 + 1.8731$$

$$= 1,9456$$

$$pIC_{50 \text{ pred}} (6) = 3.3951 \times 0,204 + 1.6324 \times 0 - 2.8094 \times 0,013 - 4.3888 \times 0,077 + 1.8731$$

$$= 2,1912$$

$$pIC_{50 \text{ pred}} (7) = 3.3951 \times 0,178 + 1.6324 \times 0,222 - 2.8094 \times 0,471 - 4.3888 \times 0,096 + 1.8731$$

$$= 1,0953$$

$$pIC_{50 \text{ pred}} (11) = 3.3951 \times 0,540 + 1.6324 \times 0,075 - 2.8094 \times 0,372 - 4.3888 \times 0,177 + 1.8731$$

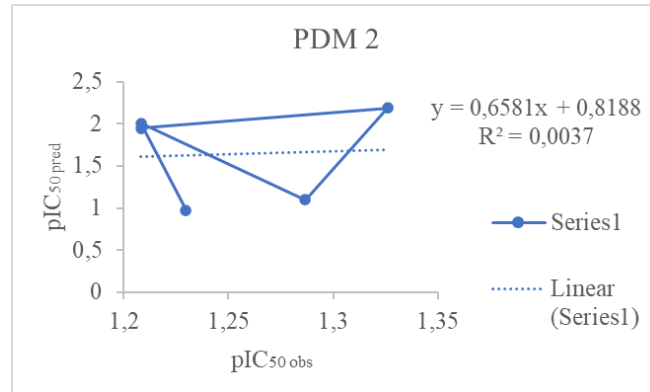
$$= 2,0070$$

$$pIC_{50 \text{ pred}} (17) = 3.3951 \times 0,359 + 1.6324 \times 0,090 - 2.8094 \times 0,439 - 4.3888 \times 0,235 + 1.8731$$

$$= 0,9742$$

Data dan grafik regresi manual (2)

| Senyawa | pIC ₅₀ obs | pIC ₅₀ pred |
|---------|-----------------------|------------------------|
| 5 | 1,2082 | 1,9456 |
| 6 | 1,3259 | 2,1912 |
| 7 | 1,2867 | 1,0953 |
| 11 | 1,2082 | 2,0070 |
| 17 | 1,2297 | 0,9742 |



6. Pembuatan dan validasi persamaan HKSA manual (3)

Persamaan HKSA:

$$pIC_{50 \text{ pred}} = -1.5503 \times TDB7s - 2.8093 \times RDF95u - 0.9302 \times RDF135m + 1.4041 \times RDF45p + 2.8199$$

Data *test set* manual (3)

| Senyawa | TDB7s | RDF95u | RDF135m | RDF45p | pIC ₅₀ obs |
|---------|-------|--------|---------|--------|-----------------------|
| 2 | 0,130 | 0,272 | 0,026 | 0,040 | 1,7288 |
| 9 | 0,097 | 0,549 | 0 | 0,289 | 1,7280 |
| 12 | 1 | 0,489 | 0,404 | 0,312 | 2,8289 |
| 13 | 0,488 | 0,407 | 0,543 | 0,407 | 2,2542 |
| 24 | 0,227 | 0,662 | 0,001 | 0,500 | 1,7566 |

$$\begin{aligned} pIC_{50 \text{ pred}} (2) &= -1.5503 \times 0,130 - 2.8093 \times 0,272 - 0.9302 \times 0,026 + 1.4041 \times 0,040 + 2.8199 \\ &= 1,8862 \end{aligned}$$

$$\begin{aligned} pIC_{50 \text{ pred}} (9) &= -1.5503 \times 0,097 - 2.8093 \times 0,549 - 0.9302 \times 0 + 1.4041 \times 0,289 + 2.8199 \\ &= 1,5330 \end{aligned}$$

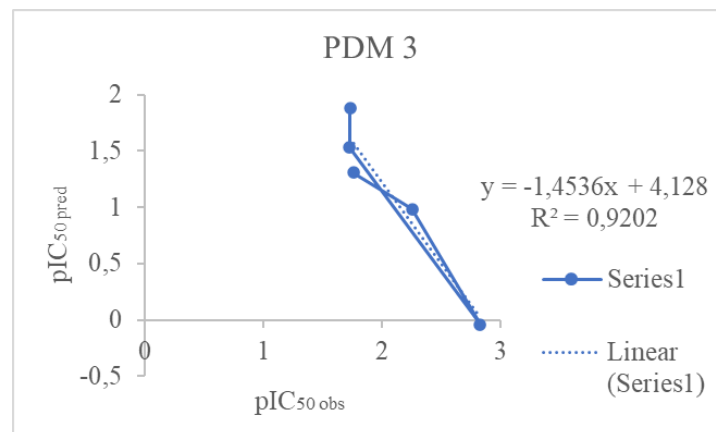
$$\begin{aligned} pIC_{50 \text{ pred}} (12) &= -1.5503 \times 1 - 2.8093 \times 0,489 - 0.9302 \times 0,404 + 1.4041 \times 0,312 + 2.8199 \\ &= -0,0419 \end{aligned}$$

$$\begin{aligned} \text{pIC}_{50 \text{ pred}} (13) &= -1.5503 \times 0,488 - 2.8093 \times 0,407 - 0.9302 \times 0,543 + 1.4041 \times \\ &\quad 0,407 + 2.8199 \\ &= 0,9863 \end{aligned}$$

$$\begin{aligned} \text{pIC}_{50 \text{ pred}} (24) &= -1.5503 \times 0,227 - 2.8093 \times 0,662 - 0.9302 \times 0,001 + 1.4041 \times \\ &\quad 0,500 + 2.8199 \\ &= 1,3093 \end{aligned}$$

Data dan grafik regresi manual (3)

| Senyawa | pIC ₅₀ obs | pIC ₅₀ pred |
|---------|-----------------------|------------------------|
| 2 | 1,7288 | 1,8862 |
| 9 | 1,7280 | 1,5330 |
| 12 | 2,8289 | -0,0419 |
| 13 | 2,2542 | 0,9863 |
| 24 | 1,7566 | 1,3093 |



7. Pembuatan dan validasi persamaan HKSA manual (4)

Persamaan HKSA:

$$\text{pIC}_{50 \text{ pred}} = 2,689 \cdot \text{RDF155u} + 1,8678 \cdot \text{RDF45m} - 1,8747 \cdot \text{RDF25s} - 4,5706 \cdot \text{RDF120s} + 1,4509$$

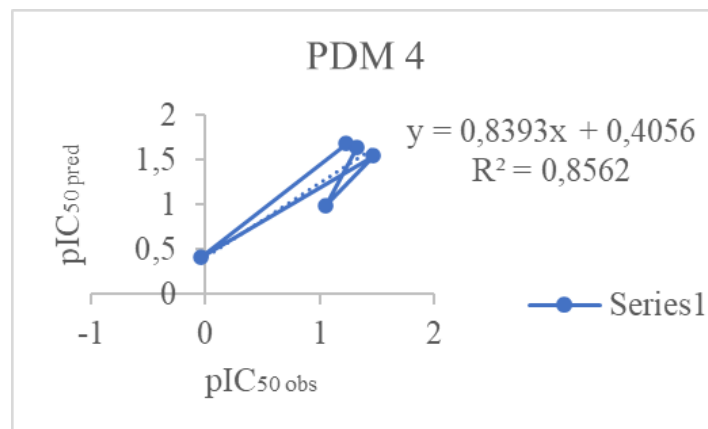
Data *test set* manual (4)

| Senyawa | RDF155u | RDF45m | RDF25s | RDF120s | pIC ₅₀ obs |
|---------|---------|--------|--------|---------|-----------------------|
| 6 | 0,204 | 0,01 | 0,013 | 0,077 | 1,3259 |
| 10 | 0,219 | 0,508 | 0,489 | 0,237 | 1,0550 |
| 15 | 0,975 | 0,48 | 0,804 | 0,42 | 1,4645 |
| 16 | 0,412 | 0,643 | 0,646 | 0,469 | -0,0410 |
| 17 | 0,359 | 0,619 | 0,439 | 0,235 | 1,2297 |

$$\begin{aligned}
\text{pIC}_{50 \text{ pred}} (6) &= 2,689 \cdot 0,204 + 1,8678 \cdot 0,01 - 1,8747 \cdot 0,013 - 4,5706 \cdot 0,077 + 1,4509 \\
&= 1,641827 \\
\text{pIC}_{50 \text{ pred}} (10) &= 2,689 \cdot 0,219 + 1,8678 \cdot 0,508 - 1,8747 \cdot 0,489 - 4,5706 \cdot 0,237 + 1,4509 \\
&= 0,988673 \\
\text{pIC}_{50 \text{ pred}} (15) &= 2,689 \cdot 0,975 + 1,8678 \cdot 0,48 - 1,8747 \cdot 0,804 - 4,5706 \cdot 0,42 + 1,4509 \\
&= 1,542308 \\
\text{pIC}_{50 \text{ pred}} (16) &= 2,689 \cdot 0,412 + 1,8678 \cdot 0,643 - 1,8747 \cdot 0,646 - 4,5706 \cdot 0,469 + 1,4509 \\
&= 0,405096 \\
\text{pIC}_{50 \text{ pred}} (17) &= 2,689 \cdot 0,359 + 1,8678 \cdot 0,619 - 1,8747 \cdot 0,439 - 4,5706 \cdot 0,235 + 1,4509 \\
&= 1,675335
\end{aligned}$$

Data dan grafik regresi manual (4)

| Senyawa | pIC ₅₀ obs | pIC ₅₀ pred |
|---------|-----------------------|------------------------|
| 6 | 1,3259 | 1,6418 |
| 10 | 1,0550 | 0,9887 |
| 15 | 1,4645 | 1,5423 |
| 16 | -0,0410 | 0,4051 |
| 17 | 1,2297 | 1,6753 |



8. Validasi eksternal persamaan model 1

$$r_m^2 = r^2 \times (1 - \sqrt{r^2 - r_0^2}) \quad r_0^2 = 1 - \frac{\sum (y_{\text{obs}} - k \times y_{\text{pred}})^2}{\sum (y_{\text{obs}} - \bar{y}_{\text{obs}})^2} \quad k = \frac{\sum (y_{\text{obs}} \times y_{\text{pred}})}{\sum (y_{\text{pred}})^2}$$

Data persamaan model 1

| No | y _{obs} | y _{pred} | (y _{obs} X y _{pred}) | (y _{pred}) ² |
|----|------------------|-------------------|---|-----------------------------------|
| 16 | -0,0409 | 1,4103 | -0,0578 | 1,9890 |
| 18 | -0,2154 | 2,5071 | -0,5399 | 6,2856 |
| 19 | -0,0650 | 1,7833 | -0,1159 | 3,1799 |
| 20 | -0,3010 | 2,3202 | -0,6985 | 5,3833 |
| 21 | 0 | 0,4856 | 0 | 0,2358 |
| Σ | | | -1,4121 | 17,0737 |

$$k = \frac{-1,4121}{17,0737} = -0,08271$$

| No | (k x y _{pred}) | (y _{obs} - k x y _{pred}) | (y _{obs} - k x y _{pred}) ² |
|----|--------------------------|---|--|
| 1 | -0,1166 | 0,0757 | 0,5728 x 10 ⁻² |
| 6 | -0,2074 | -0,0080 | 0,0064 x 10 ⁻² |
| 8 | -0,1475 | 0,0825 | 0,6805 x 10 ⁻² |
| 20 | -0,1919 | -0,1091 | 1,1910 x 10 ⁻² |
| 21 | -0,0402 | 0,0402 | 0,1613 x 10 ⁻² |
| Σ | | | 0,0261 |

| No | y _{obs} | \bar{y}_{obs} | y _{obs} - \bar{y}_{obs} | (y _{obs} - \bar{y}_{obs}) ² |
|----|------------------|-----------------|------------------------------------|--|
| 1 | -0,0409 | -0,1245 | 0,0835 | 0,6975 x 10 ⁻² |
| 6 | -0,2154 | -0,1245 | -0,0909 | 0,8264 x 10 ⁻² |
| 8 | -0,0650 | -0,1245 | 0,0595 | 0,3537 x 10 ⁻² |
| 20 | -0,3010 | -0,1245 | -0,1766 | 3,1172 x 10 ⁻² |
| 21 | 0 | -0,1245 | 0,1245 | 1,5494 x 10 ⁻² |
| Σ | | | | 0,0654 |

$$r_0^2 = 1 - \frac{0,0261}{0,0654}$$

$$= 1 - 0,3991$$

$$= 0,6009$$

$$r^2 - r_0^2/r^2 = \frac{0,733 - 0,6009}{0,733}$$

$$= \frac{0,1321}{0,733}$$

$$= 0,1802$$

$$\begin{aligned}
r_m^2 &= 0,733 \times (1 - \sqrt{0,733 - 0,6009}) \\
&= 0,733 \times (1 - \sqrt{0,1321}) \\
&= 0,733 \times (1 - 0,3635) \\
&= 0,733 \times 0,6365 \\
&= 0,4666
\end{aligned}$$

9. Validasi eksternal persamaan model 3

$$r_m^2 = r^2 \times (1 - \sqrt{r^2 - r_0^2}) \quad r_0^2 = 1 - \frac{\sum(y_{\text{obs}} - k \times y_{\text{pred}})^2}{\sum(y_{\text{obs}} - \bar{y}_{\text{obs}})^2} \quad k = \frac{\sum(y_{\text{obs}} \times y_{\text{pred}})}{\sum(y_{\text{pred}})^2}$$

Data persamaan model 3

| No | y _{obs} | y _{pred} | (y _{obs} X y _{pred}) | (y _{pred}) ² |
|----|------------------|-------------------|---|-----------------------------------|
| 9 | 1,7288 | 1,8862 | 3,2609 | 3,5578 |
| 10 | 1,7280 | 1,5330 | 2,6490 | 2,3501 |
| 11 | 2,8289 | -0,0419 | -0,1185 | 0,0018 |
| 19 | 2,2542 | 0,9863 | 2,2233 | 0,9728 |
| 20 | 1,7566 | 1,3093 | 2,2999 | 1,7143 |
| Σ | | | 10,3146 | 8,5966 |

$$k = \frac{10,3146}{8,5966} = 1,1998$$

| No | (k x y _{pred}) | (y _{obs} - k x y _{pred}) | (y _{obs} - k x y _{pred}) ² |
|----|--------------------------|---|--|
| 9 | 2,2631 | -0,5343 | 0,2855 |
| 10 | 1,8394 | -0,1114 | 0,0124 |
| 11 | -0,0503 | 2,8792 | 8,2896 |
| 19 | 1,1834 | 1,0708 | 1,1466 |
| 20 | 1,5709 | 0,1856 | 0,0345 |
| Σ | | | 9,7686 |

| No | y _{obs} | \bar{y}_{obs} | y _{obs} - \bar{y}_{obs} | (y _{obs} - \bar{y}_{obs}) ² |
|----|------------------|------------------------|---|---|
| 9 | 1,7288 | 2,0593 | -0,3305 | 0,1092 |
| 10 | 1,7280 | 2,0593 | -0,3313 | 0,1098 |
| 11 | 2,8289 | 2,0593 | 0,7696 | 0,5923 |
| 19 | 2,2542 | 2,0593 | 0,1949 | 0,0380 |
| 20 | 1,7566 | 2,0593 | -0,3027 | 0,0916 |
| Σ | | | | 0,9409 |

$$r_0^2 = 1 - \frac{9,7686}{0,9409}$$

$$= 1 - 10,3822$$

$$= -9,3822$$

$$r^2 - r_0^2/r^2 = \frac{0,9202 - (-9,3822)}{0,9202}$$

$$= \frac{10,3024}{0,9202}$$

$$= 11,1958$$

$$r_m^2 = 0,9202 \times (1 - \sqrt{0,9202 - (-9,3822)})$$

$$= 0,9202 \times (1 - \sqrt{10,3024})$$

$$= 0,9202 \times (1 - 3,2097)$$

$$= 0,9202 \times (-2,2097)$$

$$= -2,0334$$

10. Validasi eksternal persamaan 4

$$r_m^2 = r^2 \times (1 - \sqrt{r^2 - r_0^2}) \quad r_0^2 = 1 - \frac{\sum(y_{\text{obs}} - k \times y_{\text{pred}})^2}{\sum(y_{\text{obs}} - \bar{y}_{\text{obs}})^2} \quad k = \frac{\sum(y_{\text{obs}} \times y_{\text{pred}})}{\sum(y_{\text{pred}})^2}$$

Data persamaan 4

| No | y _{obs} | y _{pred} | (y _{obs} X y _{pred}) | (y _{pred}) ² |
|----|------------------|-------------------|---|-----------------------------------|
| 6 | 1,3259 | 1,6418 | 2,1769 | 2,6956 |
| 10 | 1,0550 | 0,9887 | 1,0430 | 0,9775 |
| 15 | 1,4645 | 1,5423 | 2,2587 | 2,3787 |
| 16 | -0,0410 | 0,4051 | -0,0166 | 0,1641 |
| 17 | 1,2297 | 1,6753 | 2,0601 | 2,8067 |
| Σ | | | 7,5222 | 9,0226 |

$$k = \frac{7,5222}{9,0226} = 0,8337$$

| No | (k x y _{pred}) | (y _{obs} - k x y _{pred}) | (y _{obs} - k x y _{pred}) ² |
|----|--------------------------|---|--|
| 6 | 1,3688 | -0,0429 | 0,0018 |
| 10 | 0,8243 | 0,2307 | 0,0532 |
| 15 | 1,2858 | 0,1787 | 0,0319 |
| 16 | 0,3377 | -0,3787 | 0,1434 |
| 17 | 1,3967 | -0,1671 | 0,0279 |
| Σ | | | 0,2583 |

| No | y _{obs} | \bar{y}_{obs} | y _{obs} - \bar{y}_{obs} | (y _{obs} - \bar{y}_{obs}) ² |
|----|------------------|-----------------|------------------------------------|--|
| 6 | 1,3259 | 1,0068 | 0,3191 | 0,1018 |
| 10 | 1,0550 | 1,0068 | 0,0482 | 0,0023 |
| 15 | 1,4645 | 1,0068 | 0,4577 | 0,2095 |
| 16 | -0,0410 | 1,0068 | -1,0478 | 1,0979 |
| 17 | 1,2297 | 1,0068 | 0,2229 | 0,0497 |
| Σ | | | | 1,4611 |

$$r_0^2 = 1 - \frac{0,2583}{1,4611}$$

$$= 1 - 0,1768$$

$$= 0,8232$$

$$r^2 - r_0^2/r^2 = \frac{0,8562 - 0,8232}{0,8562}$$

$$= \frac{0,0330}{0,8562}$$

$$= 0,0385$$

$$r_m^2 = 0,8562 \times (1 - \sqrt{0,8562 - 0,8232})$$

$$= 0,8562 \times (1 - \sqrt{0,0330})$$

$$= 0,8562 \times (1 - 0,1816)$$

$$= 0,8562 \times 0,8184$$

$$= 0,7007$$

11. Perhitungan nilai pIC₅₀ dan IC₅₀ prediksi senyawa rancangan

$$pIC_{50 \text{ pred}} = 2,689 \cdot RDF155u + 1,8678 \cdot RDF45m - 1,8747 \cdot RDF25s - 4,5706 \cdot RDF120s + 1,4509$$

Data deskriptor senyawa rancangan

| Senyawa | RDF155u | RDF45m | RDF25s | RDF120s |
|---------|---------|--------|--------|---------|
| SR1 | 0 | 0,163 | 0,223 | 0,445 |
| SR2 | 0 | 0 | 0,325 | 0,485 |
| SR3 | 1 | 1 | 0,616 | 0,634 |
| SR4 | 0,661 | 0,836 | 0 | 0,613 |
| SR5 | 0 | 0,842 | 1 | 0,063 |
| SR6 | 0 | 0,682 | 0,275 | 0 |
| SR7 | 0 | 0,851 | 0,757 | 1 |
| SR8 | 0 | 0,689 | 0,037 | 0,902 |

$$\begin{aligned} pIC_{50 \text{ pred SR1}} &= 2,689*0 + 1,8678*0,163 - 1,8747*0,223 - 4,5706*0,445 + 1,4509 \\ &= -0,69662 \end{aligned}$$

$$\begin{aligned} IC_{50 \text{ pred SR1}} &= 10^{-0,69662} \\ &= 0,2011 \end{aligned}$$

$$\begin{aligned} pIC_{50 \text{ pred SR2}} &= 2,689*0 + 1,8678*0 - 1,8747*0,325 - 4,5706*0,485 + 1,4509 \\ &= -1,37512 \end{aligned}$$

$$\begin{aligned} IC_{50 \text{ pred SR2}} &= 10^{-1,37512} \\ &= 0,0422 \end{aligned}$$

$$\begin{aligned} pIC_{50 \text{ pred SR3}} &= 2,689*1 + 1,8678*1 - 1,8747*0,616 - 4,5706*0,634 + 1,4509 \\ &= 1,955124 \end{aligned}$$

$$\begin{aligned} IC_{50 \text{ pred SR3}} &= 10^{1,955124} \\ &= 90,1829 \end{aligned}$$

$$\begin{aligned} pIC_{50 \text{ pred SR4}} &= 2,689*0,661 + 1,8678*0,836 - 1,8747*0 - 4,5706*0,613 + 1,4509 \\ &= 1,988032 \end{aligned}$$

$$\begin{aligned} IC_{50 \text{ pred SR4}} &= 10^{1,988032} \\ &= 97,2819 \end{aligned}$$

$$\begin{aligned} pIC_{50 \text{ pred SR5}} &= 2,689*0 + 1,8678*0,842 - 1,8747*1 - 4,5706*0,063 + 1,4509 \\ &= 0,86094 \end{aligned}$$

$$\begin{aligned} IC_{50 \text{ pred SR5}} &= 10^{0,86094} \\ &= 7,2601 \end{aligned}$$

$$\begin{aligned} pIC_{50 \text{ pred SR6}} &= 2,689*0 + 1,8678*0,682 - 1,8747*0,275 - 4,5706*0 + 1,4509 \\ &= 2,209197 \end{aligned}$$

$$\begin{aligned} IC_{50 \text{ pred SR6}} &= 10^{2,209197} \\ &= 161,8815 \end{aligned}$$

$$\begin{aligned} \text{pIC}_{50 \text{ pred SR7}} &= 2,689*0 + 1,8678*0,851 - 1,8747*0,757 - 4,5706*1 + 1,4509 \\ &= -2,94935 \end{aligned}$$

$$\begin{aligned} \text{IC}_{50 \text{ pred SR7}} &= 10^{-2,94935} \\ &= 0,0011 \end{aligned}$$

$$\begin{aligned} \text{pIC}_{50 \text{ pred SR8}} &= 2,689*0 + 1,8678*0,689 - 1,8747*0,037 - 4,5706*0,902 + \\ &\quad 1,4509 \\ &= -1,45423 \end{aligned}$$

$$\begin{aligned} \text{IC}_{50 \text{ pred SR8}} &= 10^{-1,45423} \\ &= 0,0351 \end{aligned}$$

Data nilai pIC_{50} dan IC_{50} prediksi senyawa rancangan

| Senyawa | pIC_{50} | IC_{50} prediksi |
|---------|-------------------|---------------------------|
| SR1 | -0,6966 | 0,2011 |
| SR2 | -1,3751 | 0,0422 |
| SR3 | 1,9551 | 90,1829 |
| SR4 | 1,9880 | 97,2819 |
| SR5 | 0,8609 | 7,2601 |
| SR6 | 2,2092 | 161,8815 |
| SR7 | -2,9494 | 0,0011 |
| SR8 | -1,4542 | 0,0351 |