DAFTAR PUSTAKA

Alexander. 1994. *Perencanaan Daerah Partisipatif*. Pusat Jogya Mandiri. Yogyakarta.

Amalah, Reski. 2020. *Pemodelan Geographically Weighted Logistic Regression dengan Metode Ridge*. Skripsi. Universitas Hasanuddin.

Anggarini, R., & Purhadi. 2012. Pemodelan Faktor-Faktor yang Berpengaruh Terhadap Prevalensi Balita Kurang Gizi di Provinsi Jawa Timur Dengan Pendekatan Geographically Weighted Logistic Regression (GWLR). *Jurnal Sains dan Seni.* 1(1), 159-164.

Anton, Howard. 2001. *Dasar-Dasar Aljabar Linear (5th).* Interaksara. Batam.

Agresti, A. 2002. *Categorical Data Analysis*. John Wiley and Sons. New York.

Bilson, Siamora. 2005. *Anaisis Multivariat Pemasaran.* Gramedia Pustaka Utama. Jakarta.

Delsen, M.S.N.V., Abraham, Wattimena, & Susantri. 2017. Penggunaan Metode Analisis Komponen Utama Untuk Mereduksi Faktor-Faktor Inflasi di Kota Ambon. *Jurnal Ilmu Matematika dan Terapan*, 11(2), 109 – 118.

Fathurrahman, M., Purhadi, Sutikno., & Ratnasari, Vita. 2016. Pemodelan Geographically Weighted Logistic Regression Pada Indeks Pembangunan Kesehatan Masyarakat di Provinsi Papua. *Prosiding Seminar Nasional MIPA.*

Fathurrahman, M. 2019. Pemodelan Indeks Pembangunan Kesehatan Masyarakat Kabupaten/Kota di Pulau Kalimantan Menggunakan Pendekatan Regresi Probit. *Jurnal Varian*, 2(2), 47 – 54.

Fitriyaningsih, I & Sutikno. 2015. Geographically Weighted Lasso dan PCA Untuk Mengatasi Multikolinieritas Data Spasial (Studi Kasus: Perumahan Pondok Indah Jakarta Selatan). *Seminar Nasional Matematika dan Pendidikan Matematika.* Institut Teknologi Sepuluh Nopember.

Fotheringham, A.S., Brundson, C. & Charlthon, M. 2002. *Geographically Weighted Regression: The Analysis Of Spatially Varying Relationships*. John Wiley and Sons Ltd. England.

Gujarati, D. 2004. *Basic Econometrics 4th Edition*. Mc Graw-Hill Companies, Inc. New York.

Huang, B., Wu, B., & Barry, M. 2010. Geographically and Temporally Weighted Regression for Modeling Spatio-Temporal Variation in Houses Prices. *International Journal of Geographical Information Science,* 24(3), 385-388.

Hosmer, D. W., & Lemeshow, S. 2000. *Applied Logistic Regression 2nd Edition.* John Willey and Sons. New York.

Inayah, U.R. 2016. *Model Geographically Weighted Logistic Regression dengan Fungsi Pembobot Adaptive Bisquare (Studi Kasus: Indikator Pencemaran Air Biochemical Oxygen Demand di Daerah Aliran Sungai Mahakam Kalimantan Timur Tahun 2016).* Skripsi. Universitas Mulawarman.

Info Publik. 2019. *IPKM 2018 Meningkat, Namun Masih Butuh Intervensi Semua Pihak.* https://infopublik.id/kategori/sorot-sosial-budaya/418487/ipkm-2018-meningkat-namun-masih-butuh-intervensi-semua-pihak, diakses 8 Juli 2021.

Johnson, R.A., & Wichern, D.W. 2002. *Applied Multivariate Statistical Analysis 5th Edition.* Prentice Hall Inc. New Jersey.

Kementerian Kesehatan Republik Indonesia (Kemenkes RI). 2019. *Indeks Pembangunan Kesehatan Masyarakat (IPKM) 2018*. Jakarta: Lembaga Penerbit Badan Penelitian dan Pengembangan Kesehatan (LPB).

Kurnia, A. 2011. *Perbandingan Analisis Regresi Logistik dan Geographically Weighted Logistic Regression Semiparametric (Studi Kasus: Pemodelan IPM Provinsi Jawa Timur Tahun 2018).* Skripsi. Institut Teknologi Sepuluh Nopember.

Lestari, V.D. 2020. *Model Geographically Weighted Logistic Regression dengan Fungsi Pembobot Adaptive Tricube (Studi Kasus: Indikator Pencemaran Air Dissolve Oxygen di Daerah Aliran Sungai Mahakam Kalimantan Timur Tahun 2018).* Skripsi. Universitas Mulawarman.

Olkin, Ingram., Finn, & Jeremy D. 1995. Correlations Redux. *Psychological Bulletin,* 118(1), 155-164.

Purnama, I.G.H., Purnama, Suryadhi, Dwipayanti, & Sujaya. 2016. Pengembangan Wirausaha Sanitasi di Wilayah Kerja Puskesmas Kubu II,

Kecamatan Kubu, Kabupaten Karangasem, Bali. *Jurnal Udayana Mengabdi,* 15(1), 132 – 139.

Purwaningsih, A. 2003. *Penentuan Rotasi yang Sesuai dalam Analisis Faktor dengan Analisis Procrustes*. BATAN. Pusat Pengembangan Teknologi Informasi dan Komputasi Batan.

Pravitasary, Hajarisman., & Sunendiari. 2015. Pemodelan Faktor-Faktor yang Berpengaruh Terhadap Angka Buta Huruf di Provinsi Jawa Barat dengan Geographically Weighted Logistic Regression. *Prosiding Penelitian SPeSIA.*

Setiawati, Yani. 2014. *Efektivitas Penggunaan Media Audio Visual Aids dalam Meningkatkan Minat Siswa pada Pembelajaran PAI.* Skripsi. Universitas Pendidikan Indonesia

Sholiha, Eva U.N. 2015. *Structural Equation Modeling-Partial Least Square Untuk Pemodelan Derajat Kesehatan Kabupaten/Kota di Jawa Timur*. Skripsi. Institut Teknologi Sepuluh Nopember.

Suritman. 2020. *Pemodelan Mixed Geographically Weighted Regression yang Mengandung Multikolinearitas dengan Regresi Ridge.* Skripsi. Universitas Hasanuddin.

Tekape.co. 2019. *Palopo Peringkat Pertama di Sulsel dalam Indeks Pembangunan Kesehatan Masyarakat. https://tekape.co/palopo-peringkat-pertama-di-sulsel-dalam-indeks-pembangunan-kesehatan-masyarakat/,* diakses 8 Juli 2021.

Yan, X., & Su, X.G. 2009. *Linier Regression Analysis: Theory and Computing.* World Scientific. Singapura.

Yunus, N.H. 2016. *Estimasi Parameter Model Geographically Weighted Logistic Regression pada Data yang Mengandung Multikolinearitas (Studi Kasus Jumlah Kematian Bayi Jawa Timur Tahun 2014).* Skripsi. Universitas Islam Negeri Maulana Malik Ibrahim.

LAMPIRAN

Lampiran 1. Matriks Korelasi Variabel Prediktor

	Z_1	Z_2	Z_3	Z_4	Z_5
Z_1	1	-0.42300	0.18387	0.41157	-0.35219
Z_2	-0.42300	1	0.08007	-0.29002	0.02174
Z_3	0.18387	0.08007	1	-0.24530	0.14657
Z_4	0.41157	-0.29002	-0.24530	1	-0.60576
Z_5	-0.35219	0.02174	0.14657	-0.60576	1

Lampiran 2. Matriks Jarak *Euclidean* ($\boldsymbol{d_{ij}}$) Antar Lokasi Pengamatan

	Selayar	Bulukumba	Bantaeng	Jeneponto	Takalar	Gowa	Sinjai	Maros
Selayar	0	1.9773	2.1681	2.2550	2.3436	2.3865	2.0927	2.8678
Bulukumba	1.9773	0	0.6519	0.8010	0.8702	0.7550	0.6768	1.0283
Bantaeng	2.1681	0.6519	0	0.1503	0.2309	0.2193	1.3252	0.7316
Jeneponto	2.2550	0.8010	0.1503	0	0.0922	0.1992	1.4723	0.7103
Takalar	2.3436	0.8702	0.2309	0.0922	0	0.1838	1.5355	0.6562
Gowa	2.3865	0.7550	0.2193	0.1992	0.1838	0	1.4000	0.5215
Sinjai	2.0927	0.6768	1.3252	1.4723	1.5355	1.4000	0	1.5310
Maros	2.8678	1.0283	0.7316	0.7103	0.6562	0.5215	1.5310	0
Pangkep	2.9893	1.1315	0.8551	0.8301	0.7723	0.6438	1.6033	0.1237
Barru	3.1048	1.1981	1.0032	0.9925	0.9405	0.8001	1.6038	0.2844
Bone	2.8851	0.9313	1.2043	1.2897	1.2940	1.1102	0.9902	0.8698
Soppeng	3.1280	1.1885	1.0707	1.0769	1.0332	0.8797	1.5394	0.3891
Wajo	3.2032	1.2404	1.4313	1.4938	1.4812	1.3008	1.2900	0.9420
Sidrap	3.3584	1.4089	1.3000	1.2987	1.2495	1.1037	1.7106	0.5944
Pinrang	3.8967	1.9331	1.8417	1.8313	1.7755	1.6400	2.1498	1.1211
Enrekang	4.2060	2.2360	2.1619	2.1508	2.0940	1.9600	2.4087	1.4406
Luwu	3.9742	2.3381	2.7863	2.8859	2.8966	2.7131	1.9071	2.4338
Tana Toraja	4.3223	2.3476	2.3001	2.2937	2.2390	2.1012	2.4857	1.5838
Luwu Utara	4.8863	3.1557	3.5140	3.5909	3.5840	3.4020	2.8017	3.0280
Luwu Timur	4.2465	2.5879	3.0122	3.1056	3.1113	2.9274	2.1757	2.6181
Toraja Utara	4.7161	2.7388	2.7203	2.7167	2.6627	2.5234	2.8219	2.0072
Makassar	1.9097	1.0462	0.5546	0.5179	0.5704	0.7159	1.7007	1.2249
Parepare	3.2051	1.2903	1.1045	1.0911	1.0370	0.9001	1.6728	0.3812
Palopo	4.1623	2.2100	2.3516	2.3880	2.3565	2.1889	2.1631	1.7263

(Lanjutan)

	Pangkep	Barru	Bone	Soppeng	Wajo	Sidrap	Pinrang	Enrekang
Selayar	2.9893	3.1048	2.8851	3.1280	3.2032	3.3584	3.8967	4.2060
Bulukumba	1.1315	1.1981	0.9313	1.1885	1.2404	1.4089	1.9331	2.2360
Bantaeng	0.8551	1.0032	1.2043	1.0707	1.4313	1.3000	1.8417	2.1619
Jeneponto	0.8301	0.9925	1.2897	1.0769	1.4938	1.2987	1.8313	2.1508
Takalar	0.7723	0.9405	1.2940	1.0332	1.4812	1.2495	1.7755	2.0940
Gowa	0.6438	0.8001	1.1102	0.8797	1.3008	1.1037	1.6400	1.9600
Sinjai	1.6033	1.6038	0.9902	1.5394	1.2900	1.7106	2.1498	2.4087
Maros	0.1237	0.2844	0.8698	0.3891	0.9420	0.5944	1.1211	1.4406
Pangkep	0	0.1789	0.8713	0.3048	0.9005	0.4870	1.0032	1.3219
Barru	0.1789	0	0.7803	0.1389	0.7577	0.3105	0.8400	1.1600
Bone	0.8713	0.7803	0	0.6661	0.3202	0.7697	1.1610	1.4200
Soppeng	0.3048	0.1389	0.6661	0	0.6203	0.2335	0.7793	1.0977
Wajo	0.9005	0.7577	0.3202	0.6203	0	0.6201	0.8902	1.1229
Sidrap	0.4870	0.3105	0.7697	0.2335	0.6201	0	0.5459	0.8647
Pinrang	1.0032	0.8400	1.1610	0.7793	0.8902	0.5459	0	0.3202
Enrekang	1.3219	1.1600	1.4200	1.0977	1.1229	0.8647	0.3202	0
Luwu	2.3991	2.2540	1.6056	2.1154	1.4988	2.0624	2.0263	2.0363
Tana Toraja	1.4667	1.3014	1.5036	1.2315	1.1957	1.0002	0.4639	0.1565
Luwu Utara	2.9628	2.7938	2.3109	2.6589	2.1052	2.5339	2.2953	2.1711
Luwu Timur	2.5738	2.4200	1.8173	2.2811	1.6763	2.2048	2.1044	2.0729
Toraja Utara	1.8906	1.7242	1.8610	1.6500	1.5431	1.4206	0.8881	0.5749
Makassar	1.3424	1.5085	1.7533	1.5948	1.9859	1.8159	2.3455	2.6642
Parepare	0.2668	0.1020	0.8089	0.1432	0.7446	0.2236	0.7403	1.0600
Palopo	1.6348	1.4562	1.2810	1.3372	0.9705	1.1594	0.8422	0.7467

(Lanjutan)

	Luwu	Tana Toraja	Luwu Utara	Luwu Timur	Toraja Utara	Makassar	Parepare	Palopo
Selayar	3.9742	4.3223	4.8863	4.2465	4.7161	1.9097	3.2051	4.1623
Bulukumba	2.3381	2.3476	3.1557	2.5879	2.7388	1.0462	1.2903	2.2100
Bantaeng	2.7863	2.3001	3.5140	3.0122	2.7203	0.5546	1.1045	2.3516
Jeneponto	2.8859	2.2937	3.5909	3.1056	2.7167	0.5179	1.0911	2.3880
Takalar	2.8966	2.2390	3.5840	3.1113	2.6627	0.5704	1.0370	2.3565
Gowa	2.7131	2.1012	3.4020	2.9274	2.5234	0.7159	0.9001	2.1889
Sinjai	1.9071	2.4857	2.8017	2.1757	2.8219	1.7007	1.6728	2.1631
Maros	2.4338	1.5838	3.0280	2.6181	2.0072	1.2249	0.3812	1.7263
Pangkep	2.3991	1.4667	2.9628	2.5738	1.8906	1.3424	0.2668	1.6348
Barru	2.2540	1.3014	2.7938	2.4200	1.7242	1.5085	0.1020	1.4562
Bone	1.6056	1.5036	2.3109	1.8173	1.8610	1.7533	0.8089	1.2810
Soppeng	2.1154	1.2315	2.6589	2.2811	1.6500	1.5948	0.1432	1.3372
Wajo	1.4988	1.1957	2.1052	1.6763	1.5431	1.9859	0.7446	0.9705
Sidrap	2.0624	1.0002	2.5339	2.2048	1.4206	1.8159	0.2236	1.1594
Pinrang	2.0263	0.4639	2.2953	2.1044	0.8881	2.3455	0.7403	0.8422
Enrekang	2.0363	0.1565	2.1711	2.0729	0.5749	2.6642	1.0600	0.7467
Luwu	0	1.9828	0.9300	0.2729	2.0318	3.3170	2.2297	1.3159
Tana Toraja	1.9828	0	2.0588	2.0002	0.4243	2.8086	1.2027	0.6712
Luwu Utara	0.9300	2.0588	0	0.6612	1.9116	4.0641	2.7405	1.4536
Luwu Timur	0.2729	2.0002	0.6612	0	1.9915	3.5498	2.3865	1.3300
Toraja Utara	2.0318	0.4243	1.9116	1.9915	0	3.2322	1.6260	0.7640
Makassar	3.3170	2.8086	4.0641	3.5498	3.2322	0	1.6061	2.8999
Parepare	2.2297	1.2027	2.7405	2.3865	1.6260	1.6061	0	1.3813
Palopo	1.3159	0.6712	1.4536	1.3300	0.7640	2.8999	1.3813	0

Lampiran 3. Matriks Pembobot ($\boldsymbol{W_i(u_i, v_i)}$) dengan Fungsi *Fixed Gaussian Kernel*

	Selayar	Bulukumba	Bantaeng	Jeneponto	Takalar	Gowa	Sinjai	Maros
Selayar	1	0.9327	0.9197	0.9134	0.9068	0.8984	0.9035	0.8637
Bulukumba	0.9327	1	0.9925	0.9886	0.9866	0.9862	0.9899	0.9813
Bantaeng	0.9197	0.9925	1	0.9996	0.9991	0.9984	0.9991	0.9905
Jeneponto	0.9134	0.9886	0.9996	1	0.9998	0.9993	0.9993	0.9911
Takalar	0.9068	0.9866	0.9991	0.9998	1	0.9997	0.9994	0.9924
Gowa	0.8984	0.9862	0.9984	0.9993	0.9997	1	0.9997	0.9951
Sinjai	0.9035	0.9899	0.9991	0.9993	0.9994	0.9997	1	0.9952
Maros	0.8637	0.9813	0.9905	0.9911	0.9924	0.9951	0.9952	1
Pangkep	0.8528	0.9774	0.9871	0.9878	0.9894	0.9927	0.9926	0.9997
Barru	0.8422	0.9748	0.9822	0.9826	0.9844	0.9883	0.9887	0.9986
Bone	0.8622	0.9847	0.9745	0.9708	0.9706	0.9744	0.9783	0.9866
Soppeng	0.8479	0.9782	0.9830	0.9827	0.9842	0.9880	0.9889	0.9983
Wajo	0.8329	0.9730	0.9642	0.9610	0.9617	0.9668	0.9703	0.9843
Sidrap	0.8180	0.9653	0.9703	0.9704	0.9726	0.9778	0.9785	0.9937
Pinrang	0.7630	0.9356	0.9414	0.9420	0.9454	0.9529	0.9532	0.9779
Enrekang	0.7297	0.9148	0.9201	0.9209	0.9248	0.9336	0.9338	0.9637
Luwu	0.7547	0.9072	0.8708	0.8621	0.8611	0.8686	0.8771	0.8998
Tana Toraja	0.7169	0.9065	0.9100	0.9105	0.9146	0.9238	0.9244	0.9563
Luwu Utara	0.6535	0.8374	0.8025	0.7947	0.7954	0.8058	0.8137	0.8493
Luwu Timur	0.7252	0.8875	0.8507	0.8421	0.8416	0.8500	0.8584	0.8850
Toraja Utara	0.6728	0.8749	0.8765	0.8768	0.8813	0.8919	0.8928	0.9307
Makassar	0.9371	0.9807	0.9945	0.9952	0.9942	0.9913	0.9909	0.9736
Parepare	0.8327	0.9708	0.9785	0.9790	0.9810	0.9854	0.9857	0.9974
Palopo	0.7344	0.9167	0.9062	0.9034	0.9058	0.9148	0.9182	0.9483

(Lanjutan)

	Pangkep	Barru	Bone	Soppeng	Wajo	Sidrap	Pinrang	Enrekang
Selayar	0.8528	0.8422	0.8622	0.8479	0.8329	0.8180	0.7630	0.7297
Bulukumba	0.9774	0.9748	0.9847	0.9782	0.9730	0.9653	0.9356	0.9148
Bantaeng	0.9871	0.9822	0.9745	0.9830	0.9642	0.9703	0.9414	0.9201
Jeneponto	0.9878	0.9826	0.9708	0.9827	0.9610	0.9704	0.9420	0.9209
Takalar	0.9894	0.9844	0.9706	0.9842	0.9617	0.9726	0.9454	0.9248
Gowa	0.9927	0.9883	0.9744	0.9880	0.9668	0.9778	0.9529	0.9336
Sinjai	0.9926	0.9887	0.9783	0.9889	0.9703	0.9785	0.9532	0.9338
Maros	0.9997	0.9986	0.9866	0.9983	0.9843	0.9937	0.9779	0.9637
Pangkep	1	0.9994	0.9866	0.9989	0.9857	0.9958	0.9822	0.9693
Barru	0.9994	1	0.9892	0.9997	0.9898	0.9983	0.9875	0.9763
Bone	0.9866	0.9892	1	0.9923	0.9982	0.9895	0.9763	0.9647
Soppeng	0.9989	0.9997	0.9923	1	0.9923	0.9981	0.9867	0.9752
Wajo	0.9857	0.9898	0.9982	0.9923	1	0.9932	0.9860	0.9778
Sidrap	0.9958	0.9983	0.9895	0.9981	0.9932	1	0.9947	0.9868
Pinrang	0.9822	0.9875	0.9763	0.9867	0.9860	0.9947	1	0.9982
Enrekang	0.9693	0.9763	0.9647	0.9752	0.9778	0.9868	0.9982	1
Luwu	0.9025	0.9135	0.9551	0.9205	0.9608	0.9270	0.9295	0.9288
Tana Toraja	0.9624	0.9703	0.9605	0.9694	0.9748	0.9823	0.9962	0.9996
Luwu Utara	0.8552	0.8702	0.9092	0.8763	0.9241	0.8919	0.9104	0.9194
Luwu Timur	0.8887	0.9009	0.9429	0.9078	0.9512	0.9170	0.9241	0.9263
Toraja Utara	0.9383	0.9484	0.9402	0.9475	0.9585	0.9647	0.9860	0.9941
Makassar	0.9684	0.9603	0.9467	0.9604	0.9321	0.9429	0.9066	0.8812
Parepare	0.9987	0.9998	0.9884	0.9994	0.9902	0.9991	0.9903	0.9802
Palopo	0.9535	0.9629	0.9712	0.9648	0.9834	0.9763	0.9874	0.9901

(Lanjutan)

	Luwu	Tana Toraja	Luwu Utara	Luwu Timur	Toraja Utara	Makassar	Parepare	Palopo
Selayar	0.7547	0.7169	0.6535	0.7252	0.6728	0.9371	0.8327	0.7344
Bulukumba	0.9072	0.9065	0.8374	0.8875	0.8749	0.9807	0.9708	0.9167
Bantaeng	0.8708	0.9100	0.8025	0.8507	0.8765	0.9945	0.9785	0.9062
Jeneponto	0.8621	0.9105	0.7947	0.8421	0.8768	0.9952	0.9790	0.9034
Takalar	0.8611	0.9146	0.7954	0.8416	0.8813	0.9942	0.9810	0.9058
Gowa	0.8686	0.9238	0.8058	0.8500	0.8919	0.9913	0.9854	0.9148
Sinjai	0.8771	0.9244	0.8137	0.8584	0.8928	0.9909	0.9857	0.9182
Maros	0.8998	0.9563	0.8493	0.8850	0.9307	0.9736	0.9974	0.9483
Pangkep	0.9025	0.9624	0.8552	0.8887	0.9383	0.9684	0.9987	0.9535
Barru	0.9135	0.9703	0.8702	0.9009	0.9484	0.9603	0.9998	0.9629
Bone	0.9551	0.9605	0.9092	0.9429	0.9402	0.9467	0.9884	0.9712
Soppeng	0.9205	0.9694	0.8763	0.9078	0.9475	0.9604	0.9994	0.9648
Wajo	0.9608	0.9748	0.9241	0.9512	0.9585	0.9321	0.9902	0.9834
Sidrap	0.9270	0.9823	0.8919	0.9170	0.9647	0.9429	0.9991	0.9763
Pinrang	0.9295	0.9962	0.9104	0.9241	0.9860	0.9066	0.9903	0.9874
Enrekang	0.9288	0.9996	0.9194	0.9263	0.9941	0.8812	0.9802	0.9901
Luwu	1	0.9324	0.9847	0.9987	0.9291	0.8220	0.9152	0.9696
Tana Toraja	0.9324	1	0.9273	0.9312	0.9968	0.8689	0.9746	0.9920
Luwu Utara	0.9847	0.9273	1	0.9922	0.9370	0.7451	0.8748	0.9631
Luwu Timur	0.9987	0.9312	0.9922	1	0.9318	0.7989	0.9035	0.9690
Toraja Utara	0.9291	0.9968	0.9370	0.9318	1	0.8302	0.9540	0.9897
Makassar	0.8220	0.8689	0.7451	0.7989	0.8302	1	0.9551	0.8609
Parepare	0.9152	0.9746	0.8748	0.9035	0.9540	0.9551	1	0.9666
Palopo	0.9696	0.9920	0.9631	0.9690	0.9897	0.8609	0.9666	1

Lampiran 4. Estimasi Parameter GWLRPCA

Lokasi ke-*i*	**Kabupaten/Kota**	**Variabel**			
		Intercept	w_1	w_2	w_3
1	Selayar	0.5755	-1.8668	-0.5105	1.9573
2	Bulukumba	0.5545	-1.8331	-0.4558	1.8896
3	Bantaeng	0.5505	-1.8346	-0.4632	1.8733
4	Jeneponto	0.5495	-1.8346	-0.4642	1.8690
5	Takalar	0.5485	-1.8336	-0.4631	1.8655
6	Gowa	0.5474	-1.8314	-0.4592	1.8620
7	Sinjai	0.5483	-1.8312	-0.4580	1.8655
8	Maros	0.5439	-1.8222	-0.4429	1.8508
9	Pangkep	0.5429	-1.8201	-0.4396	1.8470
10	Barru	0.5423	-1.8173	-0.4342	1.8451
11	Bone	0.5483	-1.8168	-0.4276	1.8669
12	Soppeng	0.5433	-1.8175	-0.4337	1.8489
13	Wajo	0.5458	-1.8115	-0.4192	1.8572
14	Sidrap	0.5410	-1.8120	-0.4247	1.8399
15	Pinrang	0.5372	-1.8028	-0.4096	1.8251
16	Enrekang	0.5355	-1.7973	-0.4005	1.8177
17	Luwu	0.5540	-1.7980	-0.3851	1.8780
18	Tana Toraja	0.5355	-1.7948	-0.3958	1.8166
19	Luwu Utara	0.5517	-1.7822	-0.3581	1.8589
20	Luwu Timur	0.5536	-1.7934	-0.3767	1.8733
21	Toraja Utara	0.5343	-1.7875	-0.3832	1.8094
22	Makassar	0.5536	-1.8436	-0.4804	1.8807
23	Parepare	0.5415	-1.8156	-0.4314	1.8421
24	Palopo	0.5414	-1.7948	-0.3906	1.8359

Lampiran 5. Persamaan Model GWLRPCA

Kabupaten/Kota		Model GWLRPCA
Selayar	$\hat{\pi}\ (u_1, v_1)$	$\frac{\exp(0.5755 - 1.8668w_1 - 0.5105w_2 + 1.9573w_3)}{1 + \exp(0.5755 - 1.8668w_1 - 1.5105w_2 + 1.9573w_3)}$
	$\hat{g}(w)$	$0.5755 - 1.8668w_1 - 1.5105w_2 + 1.9573w_3$
Bulukumba	$\hat{\pi}\ (u_2, v_2)$	$\frac{\exp(0.5545 - 1.8331w_1 - 0.4558w_2 + 1.8896w_3)}{1 + \exp(0.5545 - 1.8331w_1 - 0.4558w_2 + 1.8896w_3)}$
	$\hat{g}(w)$	$0.5545 - 1.8331w_1 - 0.4558w_2 + 1.8896w_3$
Bantaeng	$\hat{\pi}\ (u_3, v_3)$	$\frac{\exp(0.5505 - 1.8346w_1 - 0.4632w_2 + 1.8733w_3)}{1 + \exp(0.5505 - 1.8346w_1 - 0.4632w_2 + 1.8733w_3)}$
	$\hat{g}(w)$	$0.5505 - 1.8346w_1 - 0.4632w_2 + 1.8733w_3$
Jeneponto	$\hat{\pi}\ (u_4, v_4)$	$\frac{\exp(0.5495 - 1.8346w_1 - 0.4642w_2 + 1.8690w_3)}{1 + \exp(0.5495 - 1.8346w_1 - 0.4642w_2 + 1.8690w_3)}$
	$\hat{g}(w)$	$0.5495 - 1.8346w_1 - 0.4642w_2 + 1.8690w_3$
Takalar	$\hat{\pi}\ (u_5, v_5)$	$\frac{\exp(0.5485 - 1.8336w_1 - 0.4631w_2 + 1.8655w_3)}{1 + \exp(0.5485 - 1.8336w_1 - 0.4631w_2 + 1.8655w_3)}$
	$\hat{g}(w)$	$0.5485 - 1.8336w_1 - 0.4631w_2 + 1.8655w_3$
Gowa	$\hat{\pi}\ (u_6, v_6)$	$\frac{\exp(0.5474 - 1.8314w_1 - 0.4592w_2 + 1.8620w_3)}{1 + \exp(0.5474 - 1.8314w_1 - 0.4592w_2 + 1.8620w_3)}$
	$\hat{g}(w)$	$0.5474 - 1.8314w_1 - 0.4592w_2 + 1.8620w_3$
Sinjai	$\hat{\pi}\ (u_7, v_7)$	$\frac{\exp(0.5483 - 1.8312w_1 - 0.4580w_2 + 1.8655w_3)}{1 + \exp(0.5483 - 1.8312w_1 - 0.4580w_2 + 1.8655w_3)}$
	$\hat{g}(w)$	$0.5483 - 1.8312w_1 - 0.4580w_2 + 1.8655w_3$
Maros	$\hat{\pi}\ (u_8, v_8)$	$\frac{\exp(0.5439 - 1.8222w_1 - 0.4429w_2 + 1.8508w_3)}{1 + \exp(0.5439 - 1.8222w_1 - 0.4429w_2 + 1.8508w_3)}$
	$\hat{g}(w)$	$0.5439 - 1.8222w_1 - 0.4429w_2 + 1.8508w_3$

Kabupaten/Kota		Model GWLRPCA
Pangkep	$\hat{\pi}\ (u_9, v_9)$	$\frac{\exp(0.5429 - 1.8201w_1 - 0.4396w_2 + 1.8470w_3)}{1 + \exp(0.5429 - 1.8201w_1 - 0.4396w_2 + 1.8470w_3)}$
	$\hat{g}(w)$	$0.5429 - 1.8201w_1 - 0.4396w_2 + 1.8470w_3$
Barru	$\hat{\pi}\ (u_{10}, v_{10})$	$\frac{\exp(0.5423 - 1.8173w_1 - 0.4342w_2 + 1.8451w_3)}{1 + \exp(0.5423 - 1.8173w_1 - 0.4342w_2 + 1.8451w_3)}$
	$\hat{g}(w)$	$0.5423 - 1.8173w_1 - 0.4342w_2 + 1.8451w_3$
Bone	$\hat{\pi}\ (u_{11}, v_{11})$	$\frac{\exp(0.5483 - 1.8168w_1 - 0.4276w_2 + 1.8669w_3)}{1 + \exp(0.5483 - 1.8168w_1 - 0.4276w_2 + 1.8669w_3)}$
	$\hat{g}(w)$	$0.5483 - 1.8168w_1 - 0.4276w_2 + 1.8669w_3$
Soppeng	$\hat{\pi}\ (u_{12}, v_{12})$	$\frac{\exp(0.5433 - 1.8175w_1 - 0.4337w_2 + 1.8489w_3)}{1 + \exp(0.5433 - 1.8175w_1 - 0.4337w_2 + 1.8489w_3)}$
	$\hat{g}(w)$	$0.5433 - 1.8175w_1 - 0.4337w_2 + 1.8489w_3$
Wajo	$\hat{\pi}\ (u_{13}, v_{13})$	$\frac{\exp(0.5458 - 1.8115w_1 - 0.4192w_2 + 1.8572w_3)}{1 + \exp(0.5458 - 1.8115w_1 - 0.4192w_2 + 1.8572w_3)}$
	$\hat{g}(w)$	$0.5458 - 1.8115w_1 - 0.4192w_2 + 1.8572w_3$
Sidrap	$\hat{\pi}\ (u_{14}, v_{14})$	$\frac{\exp(0.5410 - 1.8120w_1 - 0.4247w_2 + 1.8399w_3)}{1 + \exp(0.5410 - 1.8120w_1 - 0.4247w_2 + 1.8399w_3)}$
	$\hat{g}(w)$	$0.5410 - 1.8120w_1 - 0.4247w_2 + 1.8399w_3$
Pinrang	$\hat{\pi}\ (u_{15}, v_{15})$	$\frac{\exp(0.5372 - 1.8028w_1 - 0.4096w_2 + 1.8251w_3)}{1 + \exp(0.5372 - 1.8028w_1 - 0.4096w_2 + 1.8251w_3)}$
	$\hat{g}(w)$	$0.5372 - 1.8028w_1 - 0.4096w_2 + 1.8251w_3$
Enrekang	$\hat{\pi}\ (u_{16}, v_{16})$	$\frac{\exp(0.5355 - 1.7973w_1 - 0.4005w_2 + 1.8177w_3)}{1 + \exp(0.5355 - 1.7973w_1 - 0.4005w_2 + 1.8177w_3)}$
	$\hat{g}(w)$	$0.5355 - 1.7973w_1 - 0.4005w_2 + 1.8177w_3$

Kabupaten/Kota		Model GWLRPCA
Luwu	$\hat{\pi}\ (u_{17}, v_{17})$	$\frac{\exp(0.5540 - 1.7980w_1 - 0.3851w_2 + 1.8780w_3)}{1 + \exp(0.5540 - 1.7980w_1 - 0.3851w_2 + 1.8780w_3)}$
	$\hat{g}(w)$	$0.5540 - 1.7980w_1 - 0.3851w_2 + 1.8780w_3$
Tana Toraja	$\hat{\pi}\ (u_{18}, v_{18})$	$\frac{\exp(0.5355 - 1.7948w_1 - 0.3958w_2 + 1.8166w_3)}{1 + \exp(0.5355 - 1.7948w_1 - 0.3958w_2 + 1.8166w_3)}$
	$\hat{g}(w)$	$0.5355 - 1.7948w_1 - 0.3958w_2 + 1.8166w_3$
Luwu Utara	$\hat{\pi}\ (u_{19}, v_{19})$	$\frac{\exp(0.5517 - 1.7822w_1 - 0.3581w_2 + 1.8589w_3)}{1 + \exp(0.5517 - 1.7822w_1 - 0.3581w_2 + 1.8589w_3)}$
	$\hat{g}(w)$	$0.5517 - 1.7822w_1 - 0.3581w_2 + 1.8589w_3$
Luwu Timur	$\hat{\pi}\ (u_{20}, v_{20})$	$\frac{\exp(0.5536 - 1.7934w_1 - 0.3767w_2 + 1.8733w_3)}{1 + \exp(0.5536 - 1.7934w_1 - 0.3767w_2 + 1.8733w_3)}$
	$\hat{g}(w)$	$0.5536 - 1.7934w_1 - 0.3767w_2 + 1.8733w_3$
Toraja Utara	$\hat{\pi}\ (u_{21}, v_{21})$	$\frac{\exp(0.5343 - 1.7875w_1 - 0.3832w_2 + 1.8094w_3)}{1 + \exp(0.5343 - 1.7875w_1 - 0.3832w_2 + 1.8094w_3)}$
	$\hat{g}(w)$	$0.5343 - 1.7875w_1 - 0.3832w_2 + 1.8094w_3$
Makassar	$\hat{\pi}\ (u_{22}, v_{22})$	$\frac{\exp(0.5536 - 1.8436w_1 - 0.4804w_2 + 1.8807w_3)}{1 + \exp(0.5536 - 1.8436w_1 - 0.4804w_2 + 1.8807w_3)}$
	$\hat{g}(w)$	$0.5536 - 1.8436w_1 - 0.4804w_2 + 1.8807w_3$
Parepare	$\hat{\pi}\ (u_{23}, v_{23})$	$\frac{\exp(0.5415 - 1.8156w_1 - 0.4314w_2 + 1.8421w_3)}{1 + \exp(0.5415 - 1.8156w_1 - 0.4314w_2 + 1.8421w_3)}$
	$\hat{g}(w)$	$0.5415 - 1.8156w_1 - 0.4314w_2 + 1.8421w_3$
Palopo	$\hat{\pi}\ (u_{24}, v_{24})$	$\frac{\exp(0.5414 - 1.7948w_1 - 0.3906w_2 + 1.8359w_3)}{1 + \exp(0.5414 - 1.7948w_1 - 0.3906w_2 + 1.8359w_3)}$
	$\hat{g}(w)$	$0.5414 - 1.7948w_1 - 0.3906w_2 + 1.8359w_3$

Lampiran 6. Nilai Uji *Wald* Model GWLRPCA

Lokasi ke-*i*	Kabupaten/Kota	Uji *Wald*				$Z_{\alpha/2}$
		Intercept	w_1	w_2	w_3	
1	Selayar	0.70724	-1.88604	-0.85763	1.95774	1.96
2	Bulukumba	0.73733	-2.03124	-0.83126	2.05346	
3	Bantaeng	0.73298	-2.03670	-0.84195	2.04260	
4	Jeneponto	0.73131	-2.03650	-0.84269	2.03813	
5	Takalar	0.73065	-2.03821	-0.84102	2.03668	
6	Gowa	0.73100	-2.04261	-0.83637	2.03828	
7	Sinjai	0.73263	-2.04341	-0.83557	2.04259	
8	Maros	0.73182	-2.05483	-0.81454	2.04201	
9	Pangkep	0.73088	-2.05571	-0.80919	2.03967	
10	Barru	0.73100	-2.05694	-0.80092	2.03985	
11	Bone	0.73704	-2.04854	-0.79090	2.05323	
12	Soppeng	0.73254	-2.05710	-0.80083	2.04373	
13	Wajo	0.73453	-2.04958	-0.77652	2.04600	
14	Sidrap	0.72953	-2.05615	-0.78483	2.03541	
15	Pinrang	0.72177	-2.04599	-0.75492	2.01303	
16	Enrekang	0.71615	-2.03484	-0.73518	1.99614	
17	Luwu	0.72088	-1.97424	-0.69833	1.99333	
18	Tana Toraja	0.71434	-2.02897	-0.72549	1.98990	
19	Luwu Utara	0.70264	-1.92822	-0.63746	1.93252	
20	Luwu Timur	0.71608	-1.96144	-0.68005	1.97699	
21	Toraja Utara	0.70582	-2.00694	-0.69667	1.96305	
22	Makassar	0.72664	-2.01177	-0.85816	2.02206	
23	Parepare	0.73003	-2.05688	-0.79609	2.03727	
24	Palopo	0.72095	-2.02333	-0.71823	2.00326	

Lampiran 7. Model Akhir GWLRPCA Berdasarkan Uji *Wald*

Kabupaten/Kota		**Model GWLRPCA**
Bulukumba	$\hat{\pi}\ (u_2, v_2)$	$\frac{\exp(0.5545 - 1.8331w_1 + 1.8896w_3)}{1 + \exp(0.5545 - 1.8331w_1 + 1.8896w_3)}$
	$\hat{g}(w)$	$0.5545 - 1.8331w_1 + 1.8896w_3$
Bantaeng	$\hat{\pi}\ (u_3, v_3)$	$\frac{\exp(0.5505 - 1.8346w_1 + 1.8733w_3)}{1 + \exp(0.5505 - 1.8346w_1 + 1.8733w_3)}$
	$\hat{g}(w)$	$0.5505 - 1.8346w_1 + 1.8733w_3$
Jeneponto	$\hat{\pi}\ (u_4, v_4)$	$\frac{\exp(0.5495 - 1.8346w_1 + 1.8690w_3)}{1 + \exp(0.5495 - 1.8346w_1 + 1.8690w_3)}$
	$\hat{g}(w)$	$0.5495 - 1.8346w_1 + 1.8690w_3$
Takalar	$\hat{\pi}\ (u_5, v_5)$	$\frac{\exp(0.5485 - 1.8336w_1 + 1.8655w_3)}{1 + \exp(0.5485 - 1.8336w_1 + 1.8655w_3)}$
	$\hat{g}(w)$	$0.5485 - 1.8336w_1 + 1.8655w_3$
Gowa	$\hat{\pi}\ (u_6, v_6)$	$\frac{\exp(0.5474 - 1.8314w_1 + 1.8620w_3)}{1 + \exp(0.5474 - 1.8314w_1 + 1.8620w_3)}$
	$\hat{g}(w)$	$0.5474 - 1.8314w_1 + 1.8620w_3$
Sinjai	$\hat{\pi}\ (u_7, v_7)$	$\frac{\exp(0.5483 - 1.8312w_1 + 1.8655w_3)}{1 + \exp(0.5483 - 1.8312w_1 + 1.8655w_3)}$
	$\hat{g}(w)$	$0.5483 - 1.8312w_1 + 1.8655w_3$
Maros	$\hat{\pi}\ (u_8, v_8)$	$\frac{\exp(0.5439 - 1.8222w_1 + 1.8508w_3)}{1 + \exp(0.5439 - 1.8222w_1 + 1.8508w_3)}$
	$\hat{g}(w)$	$0.5439 - 1.8222w_1 + 1.8508w_3$

	Kabupaten/Kota	Model GWLRPCA
Pangkep	$\hat{\pi}\ (u_9, v_9)$	$\frac{\exp(0.5429 - 1.8201w_1 + 1.8470w_3)}{1 + \exp(0.5429 - 1.8201w_1 + 1.8470w_3)}$
	$\hat{g}(w)$	$0.5429 - 1.8201w_1 + 1.8470w_3$
Barru	$\hat{\pi}\ (u_{10}, v_{10})$	$\frac{\exp(0.5423 - 1.8173w_1 + 1.8451w_3)}{1 + \exp(0.5423 - 1.8173w_1 + 1.8451w_3)}$
	$\hat{g}(w)$	$0.5423 - 1.8173w_1 + 1.8451w_3$
Bone	$\hat{\pi}\ (u_{11}, v_{11})$	$\frac{\exp(0.5483 - 1.8168w_1 + 1.8669w_3)}{1 + \exp(0.5483 - 1.8168w_1 + 1.8669w_3)}$
	$\hat{g}(w)$	$0.5483 - 1.8168w_1 + 1.8669w_3$
Soppeng	$\hat{\pi}\ (u_{12}, v_{12})$	$\frac{\exp(0.5433 - 1.8175w_1 + 1.8489w_3)}{1 + \exp(0.5433 - 1.8175w_1 + 1.8489w_3)}$
	$\hat{g}(w)$	$0.5433 - 1.8175w_1 + 1.8489w_3$
Wajo	$\hat{\pi}\ (u_{13}, v_{13})$	$\frac{\exp(0.5458 - 1.8115w_1 + 1.8572w_3)}{1 + \exp(0.5458 - 1.8115w_1 + 1.8572w_3)}$
	$\hat{g}(w)$	$0.5458 - 1.8115w_1 + 1.8572w_3$
Sidrap	$\hat{\pi}\ (u_{14}, v_{14})$	$\frac{\exp(0.5410 - 1.8120w_1 + 1.8399w_3)}{1 + \exp(0.5410 - 1.8120w_1 + 1.8399w_3)}$
	$\hat{g}(w)$	$0.5410 - 1.8120w_1 + 1.8399w_3$
Pinrang	$\hat{\pi}\ (u_{15}, v_{15})$	$\frac{\exp(0.5372 - 1.8028w_1 + 1.8251w_3)}{1 + \exp(0.5372 - 1.8028w_1 + 1.8251w_3)}$
	$\hat{g}(w)$	$0.5372 - 1.8028w_1 + 1.8251w_3$

Kabupaten/Kota		Model GWLRPCA
Enrekang	$\hat{\pi}\ (u_{16}, v_{16})$	$\frac{\exp(0.5355 - 1.7973w_1 + 1.8177w_3)}{1 + \exp(0.5355 - 1.7973w_1 + 1.8177w_3)}$
	$\hat{g}(w)$	$0.5355 - 1.7973w_1 + 1.8177w_3$
Luwu	$\hat{\pi}\ (u_{17}, v_{17})$	$\frac{\exp(0.5540 - 1.7980w_1 + 1.8780w_3)}{1 + \exp(0.5540 - 1.7980w_1 + 1.8780w_3)}$
	$\hat{g}(w)$	$0.5540 - 1.7980w_1 + 1.8780w_3$
Tana Toraja	$\hat{\pi}\ (u_{18}, v_{18})$	$\frac{\exp(0.5355 - 1.7948w_1 + 1.8166w_3)}{1 + \exp(0.5355 - 1.7948w_1 + 1.8166w_3)}$
	$\hat{g}(w)$	$0.5355 - 1.7948w_1 + 1.8166w_3$
Luwu Timur	$\hat{\pi}\ (u_{20}, v_{20})$	$\frac{\exp(0.5536 - 1.7934w_1 + 1.8733w_3)}{1 + \exp(0.5536 - 1.7934w_1 + 1.8733w_3)}$
	$\hat{g}(w)$	$0.5536 - 1.7934w_1 + 1.8733w_3$
Toraja Utara	$\hat{\pi}\ (u_{21}, v_{21})$	$\frac{\exp(0.5343 - 1.7875w_1 + 1.8094w_3)}{1 + \exp(0.5343 - 1.7875w_1 + 1.8094w_3)}$
	$\hat{g}(w)$	$0.5343 - 1.7875w_1 + 1.8094w_3$
Makassar	$\hat{\pi}\ (u_{22}, v_{22})$	$\frac{\exp(0.5536 - 1.8436w_1 + 1.8807w_3)}{1 + \exp(0.5536 - 1.8436w_1 + 1.8807w_3)}$
	$\hat{g}(w)$	$0.5536 - 1.8436w_1 + 1.8807w_3$
Parepare	$\hat{\pi}\ (u_{23}, v_{23})$	$\frac{\exp(0.5415 - 1.8156w_1 + 1.8421w_3)}{1 + \exp(0.5415 - 1.8156w_1 + 1.8421w_3)}$
	$\hat{g}(w)$	$0.5415 - 1.8156w_1 + 1.8421w_3$
Palopo	$\hat{\pi}\ (u_{24}, v_{24})$	$\frac{\exp(0.5414 - 1.7948w_1 + 1.8359w_3)}{1 + \exp(0.5414 - 1.7948w_1 + 1.8359w_3)}$
	$\hat{g}(w)$	$0.5414 - 1.7948w_1 + 1.8359w_3$

Lampiran 8. Fungsi Logit Variabel X Model GWLRPCA

Kabupaten/Kota
Kabupaten Bulukumba: $\hat{g}(x) = -12.94279 + 0.05274x_2 + 0.12527x_5$
Kabupaten Bantaeng $\hat{g}(x) = -12.86657 + 0.05279x_2 + 0.12419x_5$
Kabupaten Jeneponto $\hat{g}(x) = -12.84552 + 0.05279x_2 + 0.12390x_5$
Kabupaten Takalar $\hat{g}(x) = -12.82651 + 0.05276x_2 + 0.12367x_5$
Kabupaten Gowa $\hat{g}(x) = -12.80501 + 0.05269x_2 + 0.12344x_5$
Kabupaten Sinjai $\hat{g}(x) = -12.82177 + 0.05269x_2 + 0.12367x_5$
Kabupaten Maros $\hat{g}(x) = -12.73228 + 0.05243x_2 + 0.12270x_5$
Kabupaten Pangkep $\hat{g}(x) = -12.70934 + 0.05237x_2 + 0.12244x_5$
Kabupaten Barru $\hat{g}(x) = -12.69448 + 0.05229x_2 + 0.12232x_5$
Kabupaten Bone $\hat{g}(x) = -12.79901 + 0.05228x_2 + 0.12377x_5$
Kabupaten Soppeng $\hat{g}(x) = -12.71311 + 0.05230x_2 + 0.12257x_5$
Kabupaten Wajo $\hat{g}(x) = -12.74051 + 0.05212x_2 + 0.12312x_5$
Kabupaten Sidrap $\hat{g}(x) = -12.65834 + 0.05214x_2 + 0.12198x_5$
Kabupaten Pinrang $\hat{g}(x) = -12.56690 + 0.05187x_2 + 0.12100x_5$

Kabupaten/Kota
Kabupaten Enrekang $\hat{g}(x) = -12.51913 + 0.05171x_2 + 0.12050x_5$
Kabupaten Luwu $\hat{g}(x) = -12.81028 + 0.05174x_2 + 0.12450x_5$
Kabupaten Tana Toraja $\hat{g}(x) = -12.50824 + 0.05164x_2 + 0.12043x_5$
Kabupaten Luwu Timur $\hat{g}(x) = -12.77731 + 0.05160x_2 + 0.12419x_5$
Kabupaten Toraja Utara $\hat{g}(x) = -12.45764 + 0.05143x_2 + 0.11995x_5$
Kota Makassar $\hat{g}(x) = -12.92014 + 0.05305x_2 + 0.12468x_5$
Kota Parepare $\hat{g}(x) = -12.67630 + 0.05224x_2 + 0.12212x_5$
Kota Palopo $\hat{g}(x) = -12.60133 + 0.05164x_2 + 0.12171x_5$

Lampiran 9. Nilai *Odds Ratio* Model GWLRPCA

Lokasi ke-*i*	Kabupaten/Kota	Nilai Odds Ratio		
		Intercept	X_2	X_5
1	Selayar	1.61×10^{-6}	1.05518	1.13855
2	Bulukumba	2.39×10^{-6}	1.05416	1.13346
3	Bantaeng	2.58×10^{-6}	1.05421	1.13223
4	Jeneponto	2.64×10^{-6}	1.05421	1.13191
5	Takalar	2.69×10^{-6}	1.05418	1.13164
6	Gowa	2.75×10^{-6}	1.05411	1.13138
7	Sinjai	2.70×10^{-6}	1.05410	1.13164
8	Maros	2.95×10^{-6}	1.05383	1.13054
9	Pangkep	3.02×10^{-6}	1.05377	1.13026
10	Barru	3.07×10^{-6}	1.05368	1.13012
11	Bone	2.76×10^{-6}	1.05367	1.13175
12	Soppeng	3.01×10^{-6}	1.05369	1.13040
13	Wajo	2.93×10^{-6}	1.05351	1.13102
14	Sidrap	3.18×10^{-6}	1.05352	1.12973
15	Pinrang	3.49×10^{-6}	1.05324	1.12862
16	Enrekang	3.66×10^{-6}	1.05307	1.12806
17	Luwu	2.73×10^{-6}	1.05310	1.13258
18	Tana Toraja	3.70×10^{-6}	1.05300	1.12798
19	Luwu Utara	3.11×10^{-6}	1.05262	1.13115
20	Luwu Timur	2.82×10^{-6}	1.05296	1.13223
21	Toraja Utara	3.89×10^{-6}	1.05278	1.12745
22	Makassar	2.45×10^{-6}	1.05448	1.13278
23	Pare- Pare	3.12×10^{-6}	1.05363	1.12989
24	Palopo	3.37×10^{-6}	1.05300	1.12943