

Daftar Pustaka

- Amaliah, R. (2013). Pemodelan Anomali Gravitasi Menggunakan Metode Inversi 2d (Dua Dimensi) Pada Area Prospek Panas Bumi Lapangan "A." In *Skripsi Geofisika*. Fakultas Matematika Dan Ilmu Pengetahuan Alam Universitas Hasanuddin.
- Anggara, D. H. (2019). Pemodelan 2d Forward Dan 3d Inverse Bawah Permukaan Menggunakan Metode Gravity Dan Metode Ground Penetrating Radar Sebagai Upaya Penemuan Situs Purbakala Yang Terpendam Di Situs Ngawonggo, Desa Tajinan, Kabupaten Malang. *Skripsi. Fakultas Matematika Dan Ilmu Pengetahuan Alam Universitas Brawijaya*.
- Aufia, Y. F., Karyanto, & Rustadi. (2019). Pendugaan Sesar Daerah "Y" Berdasarkan Anomali Gayaberat Dengan Analisis Derivative. *Jurnal Geofisika Eksplorasi*, 5(1), 75–88. <https://doi.org/10.23960/Jge.V>
- Bahri, R. J. (2015). Aplikasi Metode Gayaberat Untuk Memprediksi Prospek Panasbumi Di Daerah Kuningan, Jawa Barat. *Skripsi. Fakultas Pendidikan Matematika Dan Ilmu Pengetahuan Alam Universitas Pendidikan Indonesia*.
- Banu, B., Zaenudin, A., & Rustadi. (2013). Pemodelan 3d Gayaberat Dan Analisis Struktur Detail Untuk Pengembangan Lapangan Panasbumi Kamojang. *Journal Geofisika*, 1, 34–42. <https://doi.org/10.2307/1003686>
- Bebe, M. (2021). Studi Identifikasi Cekungan Sumatera Selatan Untuk Mendeliniasi Struktur Sub-Cekungan Sedimen Berpotensi Hidrokarbon Berdasarkan Data Gayaberat. *Skripsi. Fakultas Teknik Universitas Lampung*.
- Bosy, R. S. (2016). Analisis Gravitasi Untuk Menentukan Struktur Geologi Dan Analisis Petroleum System Cekungan Barito, Daerah Tanjung Area, Kalimantan Selatan. *Skripsi. Fakultas Teknologi Kebumihan Dan Energi Universitas Trisakti Jakarta*.
- Fajriani, N. (2018). Analisis Pola-Pola Sesar Di Pulau Sulawesi Dengan Menggunakan Data Gempa (Studi Kasus 1977-2017). *Skripsi. Fakultas Sains Dan Teknologi Uin Alauddin Makassar*.
- Fitriani, D. S., Putri, S. N. A., & Putrajy, I. F. (2020). Metode Gravitasi Untuk Identifikasi Sesar Weluki Dengan Analisis First Horizontal Derivative Dan Second Vertical Derivative. *Prosiding Seminar Nasional Fisika*, 1x, 53–60.
- Grandis, H. (2009). *Pengantar Pemodelan Inversi Geofisika*. Himpunan Ahli Geofisika Indonesia (Hagi).
- Ibrahim, G., Subardjo, Sendjaja P. (2010) *Tektonik Dan Mineral Di Indonesia*. Jakarta : Badan Meteorologi Klimatologi Dan Geofisika.

- Ikra, P., Haryanto, A. D., & Hutabarat, J. (2019). Pola Aliran Air Panas Bumi Daerah Bittuang , Kabupaten Tana Toraja , Sulawesi Selatan Menggunakan Metode Densitas Kelurusan Dan Geoindikator Air Panas. *Padjadjaran Geoscience Journal*, 3(4), 303–311.
- Ilmi, M. W. N. (2020). Inversi 2d Data Gravitasi Di Lapangan Panas Bumi, Kaldera Sunda, Jawa Barat, Indonesia. *Skripsi. Fakultas Teknologi Eksplorasi Dan Produksi Universitas Pertamina*.
- Indratmoko, P., Nurwidyanto, M. I., & Yulianto, T. (2009). Interpretasi Bawah Permukaan Daerah Manifestasi Panas Bumi Parang Tritis Kabupaten Bantul Diy Dengan Metode Magnetik. *Berkala Fisika*, 12(4), 153–160.
- Kasbani. (2009). Tipe Sistem Panas Bumi Di Indonesia Dan Estimasi Potensi Energinya. *Kelompok Program Penelitian Panas Bumi*, 64–73. [Http://Psdg.Geologi.Esdm.Go.Id/Buletin_Pdf_File/Bul Vol 4 No. 3 Thn 2009/3. Sistem Panas Bumi P. Kasbani.Pdf](http://Psdg.Geologi.Esdm.Go.Id/Buletin_Pdf_File/Bul_Vol_4_No_3_Thn_2009/3_Sistem_Panas_Bumi_P._Kasbani.Pdf)
- Lase, F. T. Z. (2020). Investigasi Zona Sesar Berdasarkan Analisis Fhd Dan Svd Data Gayaberat Di Area Panasbumi Kepahiang , Bengkulu. *Skripsi. Fakultas Teknologi Eksplorasi Dan Produksi Universitas Pertamina*.
- Latifah, I. (2010). Penentuan Anomali Bouguer Dan Densitas Rata-Rata Batuan Berdasarkan Data Gravitasi Di Daerah Semarang. *Skripsi. Fakultas Sains Dan Teknologi Universitas Islam Negeri Syarif Hidayatullah Jakarta*.
- Massinai, M. A. 2015. Geomorfologi Tektonik. Yogyakarta: Pustaka Ilmu. Massinai, M. F., Massinai, M. A., Jariah, D. A., Luthfia, I., Puspita S., N. D.,
- Nuryadi, Astuti, T. D., Utami, E. S., & Budiantara, M. (2017). *Dasar-Dasar Statistik Penelitian*. Sibuku Media. [Http://Lppm.Mercubuana-Yogya.Ac.Id/Wp-Content/Uploads/2017/05/Buku-Ajar_Dasar-Dasar-Statistik-Penelitian.Pdf](http://Lppm.Mercubuana-Yogya.Ac.Id/Wp-Content/Uploads/2017/05/Buku-Ajar_Dasar-Dasar-Statistik-Penelitian.Pdf)
- Oktobiyanti, R. (2009). Pemodelan Sistem Geothermal Daerah Sibayak Menggunakan Data Magnetotellurik Dan Gravitasi. *Skripsi. Fakultas Matematika Dan Ilmu Pengetahuan Alam Universitas Indonesia*.
- Raehanayati, Rachmansyah, A., & Maryanto, S. (2013). Studi Potensi Energi Geothermal Blawan- Ijen, Jawa Timur Berdasarkan Metode Gravity. *Jurnal Neutrino*, 6(1), 31–39. <https://doi.org/10.18860/Neu.V0i0.2444>
- Ramadhan, A. B., Djayus, Lepong, P., & Rahadinata, T. (2020). *Analisa Struktur Bawah Permukaan Daerah Prospek Panas Bumi “Gf-Tnh” Sumatera Barat Berdasarkan Metode Gaya Berat*. 3(1), 1–10.
- Reswara, A., & Sehad. (2014). Pendugaan Lapisan Reservoir Panas Bumi Di Kawasan Gunungapi Slamet Dengan Memanfaatkan Data Anomali Medan Gravitasi Citra Satelit. *Berkala Fisika*, 17(2), 45–54.

- Reynold, J. M. (2011). *An Introduction To Applied And Environmental Geophysics* (2nd Ed.). John Wiley & Sons, Ltd.
- Rizkiani, D. N., & Rustadi. (2019). Interpretasi Sistem Panas Bumi Suwawa Berdasarkan Data Gaya Berat. *Jurnal Geofisika Eksplorasi*, 5(2), 44–54. <https://doi.org/10.23960/jge.v5i2.28>
- Rusmilawati, D., Djayus, Lepong, P., & Hendrawanto, B. (2019). Studi Mekanisme Sumber Gempabumi Di Wilayah Kalimantan Berdasarkan Gerak Awal Gelombang P. *Jurnal Geosains Kutai Basin*, 2(2), 1–9.
- Saptadji, N. M. (2001). *Teknik Panas Bumi*. Fakultas Ilmu Kebumihan Dan Teknologi Mineral Institut Teknologi Bandung.
- Schabenberger, O., & Gotway, C. A. (2005). Statistical Methods For Spatial Data Analysis. In *Chapman & Hall/Crc Press Company*. <https://doi.org/10.1201/9781315275086>
- Septian, A., Alghifarry, M. B., Gayatri, R., Rasimeng, S., & Dani, I. (2020). Pemrograman Dasar Dan Analisis Anomali Bouguer Sederhana Dalam Komputasi Menggunakan Matlaba. *Jurnal Mipa Unsrat Online*, 5(2), 76–80.
- Sihombing, R. B., Sarkowi, H. M., & Rustadi. (2018). Pemodelan Dan Analisa Struktur Bawah Permukaan Daerah Prospek Panasbumi Kepahiang Berdasarkan Metode Gayaberat. *Jurnal Geofisika Eksplorasi*, 4(2), 1–14.
- Sihombing, W. L. (2020). Pemodelan Inversi 2d Pada Data Gaya Berat Menggunakan Metode Compact Inversion Studi Kasus Lapangan Panas Bumi Karaha – Talaga Bodas, Jawa Barat. *Skripsi. Fakultas Teknologi Eksplorasi Dan Produksi Universitas Pertamina*.
- Soetoyo. (2010). Gunungapi Karua Di Daerah Panas Bumi Bittuang, Tana Toraja, Sulawesi Selatan: Salah Satu Gunungapi Aktif Tipe B(?) Di Indonesia. *Kelompok Program Penelitian Panas Bumi*, 1–10.
- Soetoyo, Kasbani, & Hermawan, D. (2009). Penyelidikan Geologi Daerah Panas Bumi Bittuang, Kabupaten Tana Toraja, Sulawesi Selatan. *Kelompok Program Penelitian Panas Bumi*, 155–170.
- Sugita, M. I., Janah, A. F., Rahmawati, D., Supriyadi, & Khumaedi. (2020). Analisis Data Gaya Berat Di Daerah Bendan Duwur Semarang. *Journal Of Research And Technology*, 6(1), 81–90.
- Suparno, S. (2009). *Energi Panasbumi . A Present From The Heart Of The Earth* (1st Ed.). Universitas Indonesia.
- Suyanto, I. (2011). Pemodelan Bawah Permukaan Gunung Merapi Dan Merbabu Berdasarkan Analisis Data Gravitasi. *Skripsi. Fakultas Matematika Dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada*.

- Telford, W. M., Geldart, L. P., & Sheriff, R. E. (1990). *Applied Geophysics* Second Edition. In *Applied Geophysics*. Cambridge University Press.
- Waskito, N. E. (2009). *Pemodelan Inversi Data Gravitasi 3-Dimensi Untuk Merekonstruksi Struktur Geologi Di Daerah Geothermal*. *Skripsi. Fakultas Matematika Dan Ilmu Pengetahuan Alam Universitas Indonesia*.
- Wibowo, B. R., Yatini, & Hamdalah, H. (2017). Interpretasi Struktur Bawah Permukaan Berdasarkan Pemodelan Data Gravitasi 3d (Studi Kasus Lapangan Panas Bumi Coso, California). *Unnes Physics Journal*, 6(1), 7–11.
- Zaenudin, A., Ahmad, R., & Sarkowi, M. (2013). Pemodelan Struktur Dan Reservoir Lapangan Panas Bumi Bonjol Dari Anomali Gaya Berat. *Prosiding Semirata Fmipa Universitas Lampung*, 207–213.
- Zain, M. A., Rozi, M. F., Septikasari, A. N., Nuruddianto, M., Supriyanto, & Zarkasyi, A. (2015). Studi Penerapan Metode Analisis *Derivative* Pada Data Potensial Gravitasi. *Prosiding Seminar Nasional Fisika 2015, Iv*, 65–70. [Http://Snf-Unj.Ac.Id/Kumpulan-Prosiding/Snf2015/](http://Snf-Unj.Ac.Id/Kumpulan-Prosiding/Snf2015/)
- Zarkasyi, A., Supriyadi, Y., & Widodo, S. (2013). Survei Magnetotellurik Dan Gaya Berat Daerah Panas Bumi Bittuang, Provinsi Sulawesi Selatan. *Pusat Sumber Daya Geologi, Badan Geologi, Kesdm*.

Lampiran 1. Nilai Anomali Bouguer Lengkap

No.	Stasion	gObs	X	Y	Longitude	Latitude	Elevation	g teoritis (g _n)
1	BASE	977764.04	797007.58	9671395	119.6717274	-2.969718583	1355	978.0457
2	RB1	977767.36	795323	9671698	119.6565782	-2.967016611	1303	978.0457
3	RB2	977759.5	795074	9671721	119.6543395	-2.966814167	1366	978.0457
4	RB3	977748.87	794882	9671880	119.6526101	-2.965381389	1411	978.0457
5	RB4	977738.33	794747	9672090	119.6513921	-2.963486472	1468	978.0456
6	RB5	977730.21	794594	9672287	119.6500126	-2.961709444	1478	978.0456
7	RB6	977729.4	794375	9672405	119.6480414	-2.96064775	1480	978.0456
8	RB7	977728.09	794306	9672643	119.6474161	-2.958498361	1489	978.0456
9	RB8	977722.37	794218	9672876	119.6466201	-2.956394556	1509	978.0456
10	RB9	977719.44	794134	9673109	119.64586	-2.954290667	1521	978.0456
11	RB10	977712.03	794011	9673326	119.6447497	-2.952332194	1540	978.0455
12	RB11	977708.27	793822	9673487	119.6430473	-2.95088125	1560	978.0455
13	RB12	977704.29	793594	9673589	119.6409957	-2.949964306	1586	978.0455
14	RB13	977700.42	793380	9673717	119.6390693	-2.948812111	1585	978.0455
15	RB14	977705.38	793138	9673780	119.6368926	-2.948247944	1562	978.0455
16	RB15	977710.59	792891	9673783	119.6346723	-2.948226111	1554	978.0455
17	RB16	977718.21	792640	9673780	119.6324161	-2.948258583	1507	978.0455
18	RB17	977723.71	792436	9673635	119.6305854	-2.949573389	1469	978.0455
19	RB18	977728.23	792188	9673596	119.628357	-2.949931139	1425	978.0455
20	RB19	977738.57	791936	9673598	119.6260917	-2.949918444	1375	978.0455

Free Air Correction (FAC)	Free Air Anomaly (FAA)	Bouguer Correction (BC)	Simple Bouguer Anomaly (SBA)	Terrain Correction (T _c)	Complete Bouguer Anomaly (CBA)	Latitude Correction
418.153	977204.1453	153.36432	977050.781	1.7813	977048.9997	-0.083919989
402.1058	977191.4221	147.478752	977043.9434	2.6154	977041.328	-0.083843908
421.5476	977202.9979	154.609344	977048.3886	2.1648	977046.2238	-0.083838208
435.4346	977206.2559	159.702624	977046.5533	2.4178	977044.1355	-0.083797864
453.0248	977213.3092	166.154112	977047.155	2.7899	977044.3651	-0.083744507
456.1108	977208.2762	167.285952	977040.9902	2.542	977038.4482	-0.08369447
456.728	977208.0814	167.51232	977040.5691	2.12	977038.4491	-0.083664575
459.5054	977209.5508	168.530976	977041.0198	2.0663	977038.9535	-0.083604051
465.6774	977210.0028	170.794656	977039.2082	2.1755	977037.0327	-0.083544811
469.3806	977210.779	172.152864	977038.6262	2.2372	977036.389	-0.083485568
475.244	977209.2325	174.30336	977034.9291	2.3977	977032.5314	-0.08343042
481.416	977211.6375	176.56704	977035.0704	2.5723	977032.4981	-0.083389563
489.4396	977215.6811	179.509824	977036.1713	2.5201	977033.6512	-0.083363742
489.131	977211.5045	179.39664	977032.1079	2.5603	977029.5476	-0.083331297
482.0332	977209.3637	176.793408	977032.5703	2.9872	977029.5831	-0.083315411
479.5644	977212.1049	175.887936	977036.217	3.5298	977032.6872	-0.083314796
465.0602	977205.2197	170.568288	977034.6514	3.7461	977030.9053	-0.08331571
453.3334	977198.9969	166.267296	977032.7296	4.4191	977028.3105	-0.083352734
439.755	977189.9415	161.2872	977028.6543	4.9041	977023.7502	-0.083362808
424.325	977184.8445	155.628	977029.2165	5.4915	977023.725	-0.083362451

Lampiran 2. Perhitungan Densitas Bouguer Metode Nettleton

STAS	FAA	ELEVASI	TC	BOUGUER CORRECTION										
				2	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3
1	114.2	1128.8	2.8	94.66117	99.39423	104.1273	108.8603	113.5934	118.3265	123.0595	127.7926	132.5256	137.2587	141.9918
2	115.3	1134.9	2.9	95.17271	99.93135	104.69	109.4486	114.2073	118.9659	123.7245	128.4832	133.2418	138.0004	142.7591
3	116.2	1139.8	2.9	95.58363	100.3628	105.142	109.9212	114.7004	119.4795	124.2587	129.0379	133.8171	138.5963	143.3754
4	117.1	1144.4	3	95.96938	100.7679	105.5663	110.3648	115.1633	119.9617	124.7602	129.5587	134.3571	139.1556	143.9541
5	118.1	1149.1	3	96.36353	101.1817	105.9999	110.8181	115.6362	120.4544	125.2726	130.0908	134.9089	139.7271	144.5453
6	119.3	1154.7	3	96.83314	101.6748	106.5165	111.3581	116.1998	121.0414	125.8831	130.7247	135.5664	140.4081	145.2497
7	120.8	1162	2.9	97.44532	102.3176	107.1899	112.0621	116.9344	121.8067	126.6789	131.5512	136.4234	141.2957	146.168
8	122.7	1170.6	2.8	98.16652	103.0748	107.9832	112.8915	117.7998	122.7081	127.6165	132.5248	137.4331	142.3414	147.2498
9	124.9	1180.7	2.7	99.0135	103.9642	108.9149	113.8655	118.8162	123.7669	128.7176	133.6682	138.6189	143.5696	148.5203
10	127.2	1191.9	2.6	99.95273	104.9504	109.948	114.9456	119.9433	124.9409	129.9386	134.9362	139.9338	144.9315	149.9291
11	129	1201.4	2.5	100.7494	105.7869	110.8243	115.8618	120.8993	125.9368	130.9742	136.0117	141.0492	146.0866	151.1241
12	130.1	1208.6	2.4	101.3532	106.4209	111.4885	116.5562	121.6238	126.6915	131.7592	136.8268	141.8945	146.9621	152.0298
13	130.6	1212.9	2.4	101.7138	106.7995	111.8852	116.9709	122.0566	127.1422	132.2279	137.3136	142.3993	147.485	152.5707
14	130.4	1214	2.3	101.806	106.8963	111.9866	117.0769	122.1672	127.2576	132.3479	137.4382	142.5285	147.6188	152.7091
15	130.2	1214.1	2.3	101.8144	106.9051	111.9959	117.0866	122.1773	127.268	132.3588	137.4495	142.5402	147.6309	152.7216
16	129.9	1212.8	2.4	101.7054	106.7907	111.8759	116.9612	122.0465	127.1318	132.217	137.3023	142.3876	147.4728	152.5581
17	129.4	1210	2.4	101.4706	106.5441	111.6177	116.6912	121.7647	126.8383	131.9118	136.9853	142.0588	147.1324	152.2059
18	128.8	1206.4	2.4	101.1687	106.2271	111.2856	116.344	121.4024	126.4609	131.5193	136.5778	141.6362	146.6946	151.7531
19	128.2	1202.4	2.4	100.8333	105.8749	110.9166	115.9583	120.9999	126.0416	131.0832	136.1249	141.1666	146.2082	151.2499
20	128.1	1201.6	2.3	100.7662	105.8045	110.8428	115.8811	120.9194	125.9577	130.996	136.0343	141.0726	146.111	151.1493

ANOMALI BOUGUER LENGKAP										
2	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3
22.33883	17.60577	12.87272	8.139657	3.406598	-1.32646	-6.05952	-10.7926	-15.5256	-20.2587	-24.9918
23.02729	18.26865	13.51001	8.751379	3.992743	-0.76589	-5.52453	-10.2832	-15.0418	-19.8004	-24.5591
23.51637	18.73719	13.95801	9.178828	4.399646	-0.37953	-5.15872	-9.9379	-14.7171	-19.4963	-24.2754
24.13062	19.33215	14.53368	9.735208	4.936739	0.13827	-4.6602	-9.45867	-14.2571	-19.0556	-23.8541
24.73647	19.9183	15.10012	10.28195	5.463769	0.645593	-4.17258	-8.99076	-13.8089	-18.6271	-23.4453
25.46686	20.6252	15.78354	10.94189	6.10023	1.258572	-3.58308	-8.42474	-13.2664	-18.1081	-22.9497
26.25468	21.38241	16.51015	11.63788	6.765616	1.89335	-2.97892	-7.85118	-12.7234	-17.5957	-22.468
27.33348	22.42516	17.51683	12.60851	7.700181	2.791855	-2.11647	-7.0248	-11.9331	-16.8414	-21.7498
28.5865	23.63582	18.68515	13.73447	8.783798	3.833123	-1.11755	-6.06823	-11.0189	-15.9696	-20.9203
29.84727	24.84963	19.85199	14.85436	9.856719	4.859082	-0.13855	-5.13619	-10.1338	-15.1315	-20.1291
30.7506	25.71313	20.67566	15.63819	10.60072	5.563245	0.525775	-4.5117	-9.54917	-14.5866	-19.6241
31.1468	26.07914	21.01148	15.94382	10.87616	5.808505	0.740845	-4.32681	-9.39447	-14.4621	-19.5298
31.28621	26.20052	21.11483	16.02914	10.94345	5.857757	0.772068	-4.31362	-9.39931	-14.485	-19.5707
30.89396	25.80366	20.71336	15.62305	10.53275	5.44245	0.352148	-4.73815	-9.82846	-14.9188	-20.0091
30.68557	25.59485	20.50413	15.41341	10.32269	5.231968	0.141246	-4.94948	-10.0402	-15.1309	-20.2216
30.59459	25.50932	20.42405	15.33878	10.25351	5.16824	0.08297	-5.0023	-10.0876	-15.1728	-20.2581
30.3294	25.25587	20.18234	15.10881	10.03528	4.96175	-0.11178	-5.18531	-10.2588	-15.3324	-20.4059
30.0313	24.97286	19.91443	14.85599	9.797555	4.73912	-0.31932	-5.37775	-10.4362	-15.4946	-20.5531
29.76674	24.72507	19.68341	14.64175	9.600083	4.55842	-0.48324	-5.52491	-10.5666	-15.6082	-20.6499
29.63382	24.59552	19.55721	14.5189	9.480589	4.44228	-0.59603	-5.63434	-10.6726	-15.711	-20.7493

Lampiran 3. Perhitungan Grafik Ln A dan k

Lintasan A – A'

	A	B	C	D	E	F	G	H	I
1	G_CBA		fourier transform	fourier + imaginer		dt	frekuensi	k	ln A
2	977039.4		15632670.3	15632670.3	1	3400	0.000147	0.000924	16.56487
3	977038.3		1.52962241840572+57.7746734747326i	57.79491881	2		0.000294	0.001848	4.056901
4	977035.8		-11.735533906119+12.0639610303995i	16.83038656	3		0.000441	0.002772	2.823186
5	977034.5		3.30457742929285-4.70578966905497i	5.750190292	4		0.000588	0.003696	1.749233
6	977035.6		0.100000000093134+2.8000000002794i	2.801785146	5		0.000735	0.00462	1.030257
7	977037.4		-4.36315607304189+2.77978756448029i	5.17342728	6		0.000882	0.005544	1.643535
8	977038.7		-4.66446609425352+0.663961030958322i	4.711484712	7		0.001029	0.006468	1.550003
9	977039.5		-2.87104377456345-0.339749291825317i	2.891076259	8		0.001176	0.007392	1.061629
10	977040		-2.5	2.5	9		0.001324	0.008316	0.916291
11	977041.6		-2.87104377456349+0.339749291825331i	2.891076259	10		0.001471		
12	977044.8		-4.66446609425353-0.663961030958324i	4.711484712	11		0.001618		
13	977049.3		-4.36315607304189-2.77978756448026i	5.17342728	12		0.001765		
14	977052		0.10000000009313-2.8000000002794i	2.801785146	13		0.001912		
15	977049.5		3.30457742929284+4.70578966905496i	5.750190292	14		0.002059		
16	977047.6		-11.735533906119-12.0639610303995i	16.83038656	15		0.002206		
17	977046.3		1.52962241840558-57.7746734747326i	57.79491881	16		0.002353		

Lintasan B – B'

	G_CBA	fourier transform	fourier + imaginer	dt	frekuensi	k	ln A	
1								
2	977051	31265623	31265623	1	6600	7.576E-05	0.0005	17.258
3	977051	-5.28496233543947-1.6864695712821	5.547522555	2		0.0001515	0.001	1.7134
4	977051	7.95100758213887+20.346401747115	21.84478395	3		0.0002273	0.0014	3.084
5	977051	11.1396052315694-33.253136534710	35.06938685	4		0.000303	0.0019	3.5573
6	977051	6.01837661852778+13.729646454980	14.99079881	5		0.0003788	0.0024	2.7074
7	977050	3.0566764051982+5.86103809505668	6.61022225	6		0.0004545	0.0029	1.8886
8	977048	-7.60840226908478+13.122331779880	15.16849948	7		0.0005303	0.0033	2.7192
9	977048	4.23717944813656-1.4212530882497	4.469188966	8		0.0006061	0.0038	1.4972
10	977049	-0.999999999999996+6.40000000037	6.477653897	9		0.0006818	0.0043	1.8684
11	977050	1.09669640312178-1.9662211021305	2.251392552	10		0.0007576	0.0048	0.8115
12	977051	-5.97393537951321+2.565982593776	6.501705206	11		0.0008333	0.0052	1.8721
13	977052	-0.719299998836904+0.517391087660	0.886050803	12		0.0009091	0.0057	-0.121
14	977054	-1.61837661815523+0.1296464553534	1.623561234	13		0.0009848	0.0062	0.4846
15	977054	-1.60591382625154+1.4164198933039	2.14130907	14		0.0010606	0.0067	0.7614
16	977056	-1.16866993335456-0.2099474389888	1.187378348	15		0.0011364	0.0071	0.1717
17	977054	-2.3199813278706+0.1817658506196	2.327090928	16		0.0012121	0.0076	0.8446
18	977050	-0.199999999254942	0.199999999	17		0.0012879	0.0081	-1.6094
19	977048	-2.31998132787061-0.1817658506196	2.327090928	18		0.0013636		
20	977048	-1.16866993335456+0.2099474389888	1.187378348	19		0.0014394		
21	977049	-1.60591382625153-1.4164198933039	2.14130907	20		0.0015152		
22	977049	-1.61837661815524-0.1296464553534	1.623561234	21		0.0015909		
23	977049	-0.719299998836925-0.517391087660	0.886050803	22		0.0016667		
24	977051	-5.97393537951321-2.565982593776	6.501705206	23		0.0017424		
25	977053	1.09669640312179+1.9662211021305	2.251392552	24		0.0018182		
26	977054	-1-6.40000000037253i	6.477653897	25		0.0018939		
27	977052	4.23717944813655+1.4212530882497	4.469188966	26		0.0019697		
28	977050	-7.60840226908483-13.122331779880	15.16849948	27		0.0020455		
29	977049	3.05667640519819-5.86103809505668	6.61022225	28		0.0021212		
30	977049	6.01837661852775-13.729646454980	14.99079881	29		0.002197		
31	977049	11.1396052315695+33.253136534710	35.06938685	30		0.0022727		
32	977052	7.95100758213881-20.346401747115	21.84478395	31		0.0023485		
33	977054	-5.28496233543946+1.686469571282	5.547522555	32		0.0024242		

Lintasan C – C'

1	G_CBA	fourier transform	fourier + imaginer		dt	frekuensi	k	In A
2	977070.2	15633018.9	15633018.9	1	3400	0.000147	0.000924	16.5649
3	977068.9	14.9997988361391-19.2714094609265i	24.42091701	2		0.000294	0.001848	3.19544
4	977067.9	-7.89741340864911-17.6773123962155i	19.36121153	3		0.000441	0.002772	2.963272
5	977067.2	6.3981861225836-13.4303560225879i	14.87653349	4		0.000588	0.003696	2.699785
6	977066.4	6.79999999981373-11.1000000005588i	13.01729619	5		0.000735	0.00462	2.566279
7	977064.9	9.44201590268422-7.75096209857447i	12.2159354	6		0.000882	0.005544	2.502741
8	977063	9.49741340827655-3.67731239574991i	10.18447288	7		0.001029	0.006468	2.320864
9	977061.2	8.75999913822049-1.1920155370062i	8.840728813	8		0.001176	0.007392	2.179369
10	977060.3	8.30000000074506	8.300000001	9		0.001324	0.008316	2.116256
11	977060.9	8.7599991382205+1.19201553700618i	8.840728813	10		0.001471		
12	977062.3	9.49741340827657+3.67731239574988i	10.18447288	11		0.001618		
13	977063.2	9.44201590268424+7.75096209857446i	12.2159354	12		0.001765		
14	977063.3	6.79999999981374+11.1000000005588i	13.01729619	13		0.001912		
15	977063.5	6.39818612258363+13.430356022588i	14.87653349	14		0.002059		
16	977060.2	-7.89741340864907+17.6773123962156i	19.36121153	15		0.002206		
17	977055.5	14.9997988361391+19.2714094609266i	24.42091701	16		0.002353		

Lintasan D – D'

1	G_CBA	fourier transform	fourier + imaginer	dt	frekuensi	k	ln A	
2	977043	31265499.1	31265499.1	1	6600	7.576E-05	0.0005	17.258
3	977043	35.7046848255161+80.220267673119i	87.80726544	2		0.0001515	0.001	4.4751
4	977043	4.89667958611543+13.610496373243i	14.46454571	3		0.0002273	0.0014	2.6717
5	977045	-9.19738800240163+4.27461083402i	10.14220113	4		0.000303	0.0019	2.3167
6	977050	-27.8358910395638+23.054267657675i	36.14327167	5		0.0003788	0.0024	3.5875
7	977050	-19.0173850271742+41.456380347349i	45.61022259	6		0.0004545	0.0029	3.8201
8	977042	-1.38168636084903+17.268890350597i	17.32407663	7		0.0005303	0.0033	2.8521
9	977039	5.41214802171689-2.5006620934481i	5.961934008	8		0.0006061	0.0038	1.7854
10	977038	-0.400000000372529-0.700000000186i	0.806225775	9		0.0006818	0.0043	-0.2154
11	977040	-6.18056895094663+2.6760090089398i	6.735017207	10		0.0007576	0.0048	1.9073
12	977043	-10.8994319576074+2.4681760826272i	11.17539754	11		0.0008333	0.0052	2.4137
13	977044	-11.3246350868879-4.6841532956191i	12.25514798	12		0.0009091	0.0057	2.5059
14	977043	-6.76410896099496-5.6542676582345i	8.81611665	13		0.0009848	0.0062	2.1766
15	977043	-3.69877365536539+3.4122250850005i	5.032316225	14		0.0010606	0.0067	1.6159
16	977043	-5.01556126803151+0.4097821058314i	5.032273463	15		0.0011364	0.0071	1.6159
17	977044	-6.89808212464316-0.2932199223408i	6.904311329	16		0.0012121	0.0076	1.9321
18	977045	7.50000000186265	7.500000002	17		0.0012879	0.0081	2.0149
19	977046	-6.89808212464322+0.2932199223408i	6.904311329	18		0.0013636		
20	977047	-5.01556126803152-0.4097821058314i	5.032273463	19		0.0014394		
21	977048	-3.69877365536539-3.4122250850005i	5.032316225	20		0.0015152		
22	977048	-6.76410896099496-5.6542676582346i	8.81611665	21		0.0015909		
23	977048	-11.3246350868879-4.6841532956191i	12.25514798	22		0.0016667		
24	977050	-10.8994319576074-2.4681760826271i	11.17539754	23		0.0017424		
25	977052	-6.18056895094663-2.6760090089398i	6.735017207	24		0.0018182		
26	977053	-0.400000000372529+0.700000000186i	0.806225775	25		0.0018939		
27	977051	5.41214802171685+2.5006620934481i	5.961934008	26		0.0019697		
28	977049	-1.38168636084909-17.268890350597i	17.32407663	27		0.0020455		
29	977051	-19.0173850271744-41.456380347349i	45.61022259	28		0.0021212		
30	977054	-27.8358910395639-23.054267657675i	36.14327167	29		0.002197		
31	977056	-9.1973880024017-4.27461083402003i	10.14220113	30		0.0022727		
32	977056	4.89667958611539-13.610496373243i	14.46454571	31		0.0023485		
33	977056	35.7046848255158-80.220267673119i	87.80726544	32		0.0024242		

Lintasan E – E'

1	G_CBA	fourier transform	fourier + imaginer	dt	frekuensi	k	In A
2	977026	31265387	31265387	1	6600	7.576E-05	0.0005 17.258
3	977027	-68.1925926387938+158.563804612	172.6056483	2		0.0001515	0.001 5.151
4	977028	-9.26734312062428+20.7608751905	22.73538184	3		0.0002273	0.0014 3.1239
5	977030	-50.1886252730318+64.9496271197	82.08137529	4		0.000303	0.0019 4.4077
6	977032	2.85096680013047+52.2600071785	52.33771453	5		0.0003788	0.0024 3.9577
7	977035	-6.18877977052651+15.5773811822	16.76173617	6		0.0004545	0.0029 2.8191
8	977040	-11.8273539505385+20.8503061141	23.97126543	7		0.0005303	0.0033 3.1769
9	977040	-19.1814157958885+13.6560608052	23.54601258	8		0.0006061	0.0038 3.159
10	977038	-15.8000000007451+13.4000000003	20.71714266	9		0.0006818	0.0043 3.031
11	977035	-14.3548281002005+12.1564007309	18.81061319	10		0.0007576	0.0048 2.9344
12	977033	-14.1868596122569+12.6738559148	19.0235015	11		0.0008333	0.0052 2.9457
13	977033	-10.6488155078764+4.39388316716	11.51969969	12		0.0009091	0.0057 2.4441
14	977036	-15.2509667986403+3.46000717877	15.63853056	13		0.0009848	0.0062 2.7497
15	977039	-11.2233177130837+4.79128075131	12.20324677	14		0.0010606	0.0067 2.5017
16	977044	-13.9184433167665+1.78442499140	14.03236391	15		0.0011364	0.0071 2.6414
17	977049	-14.421625200971+4.089296184941	14.99018401	16		0.0012121	0.0076 2.7074
18	977050	-11.4000000003725	11.4	17		0.0012879	0.0081 2.4336
19	977051	-14.4216252009711-4.08929618494	14.99018401	18		0.0013636	
20	977052	-13.9184433167665-1.78442499140	14.03236391	19		0.0014394	
21	977052	-11.2233177130837-4.79128075131	12.20324677	20		0.0015152	
22	977053	-15.2509667986403-3.46000717877	15.63853056	21		0.0015909	
23	977053	-10.6488155078764-4.39388316716	11.51969969	22		0.0016667	
24	977052	-14.186859612257-12.67385591485	19.0235015	23		0.0017424	
25	977051	-14.3548281002005-12.1564007309	18.81061319	24		0.0018182	
26	977051	-15.8000000007451-13.4000000003	20.71714266	25		0.0018939	
27	977051	-19.1814157958885-13.6560608052	23.54601258	26		0.0019697	
28	977051	-11.8273539505386-20.8503061141	23.97126543	27		0.0020455	
29	977051	-6.1887797705265-15.57738118226	16.76173617	28		0.0021212	
30	977051	2.85096680013037-52.2600071785	52.33771453	29		0.002197	
31	977051	-50.1886252730319-64.9496271197	82.08137529	30		0.0022727	
32	977052	-9.26734312062433-20.7608751905	22.73538184	31		0.0023485	
33	977052	-68.1925926387942-158.563804612	172.6056483	32		0.0024242	

Lampiran 4. Perhitungan Nilai FHD dan SVD Pada Grafik

Lintasan 1

1	X	Y	FHD	SVD			FHD(N)	SVD(N)		G CBA
2	797412.6	9675978.1	-0.005788417	0.000022746	0.048461324	20.63501195	-0.119444054	0.049154927	0.000462741	977027.9
3	797379.3	9675780.9	-0.010353922	-0.000034676	0.037954131		-0.213653304	-0.074936087	0.000306474	977029
4	797345.9	9675583.7	-0.01482041	-0.000095867	0.024960886		-0.305819337	-0.207172047	0.000196138	977030.1
5	797312.6	9675386.5	-0.011864037	-0.000039863	0.011753958	2161.036087	-0.244814545	-0.086145382	0.000156215	977031.4
6	797279.3	9675189.3	-0.014801173	-0.00013517	0.011579429		-0.305422382	-0.292107248	0.000144961	977034.1
7	797246	9674992.1	0.009563627	0.000017499	0.011370411		0.197345557	0.03781597	0.00013655	977038.4
8	797212.6	9674794.9	0.007979665	0.000015792	0.010772602		0.164660483	0.034127082	0.000112948	977037.9
9	797179.3	9674597.7	0.003518707	-0.000039316	0.009563627		0.072608561	-0.084963295	0.000092867	977037.4
10	797146	9674400.5	0.004323547	0.000156215	0.007979665		0.089216444	0.337586252	0.000065453	977035.9
11	797112.7	9674203.3	-0.016064236	-0.000166846	0.007957155		-0.331485702	-0.360560227	0.000062338	977037
12	797079.4	9674006.1	0.010772602	0.00013655	0.00675208		0.222292771	0.295089478	0.000052897	977040.8
13	797046	9673808.9	-0.000711402	0.000004212	0.005911532		-0.014679789	0.009102284	0.000051934	977041.3
14	797012.7	9673611.7	-0.017202372	-0.000198963	0.004323547		-0.354971152	-0.429966223	0.000035765	977041.2
15	796979.4	9673414.5	-0.005502029	0.00002021	0.003975402		-0.113534434	0.043674539	0.00003234	977042.5
16	796946.1	9673217.3	-0.008258885	-0.000059702	0.003580741		-0.170422191	-0.129018176	0.000022746	977043.9
17	796912.7	9673020	-0.00155622	0.000004993	0.003518707		-0.032112618	0.010790053	0.00002021	977045.2
18	796879.4	9672822.8	0.005911532	0.000065453	0.003234407		0.121984533	0.141446295	0.000017499	977047.1
19	796846.1	9672625.6	-0.002066805	-0.000054259	0.002140838		-0.042648546	-0.117255657	0.000015792	977048
20	796812.8	9672428.4	-0.005862889	-0.000133875	0.001362382		-0.120980785	-0.289308706	0.000015235	977050
21	796779.4	9672231.2	0.048461324	0.000462741	0.000900213		1	1	0.000012033	977055.6

Lintasan 2

1	X	Y	FHD	SVD			FHD(N)	SVD(N)		G CBA
2	792513.8	9674595.8	0.003457493	0.000036588	0.026301847	38.0201436	0.13145438	0.100495777	0.000364075	977040
3	792682.3	9674488	0.005725779	0.000073186	0.017375435		0.21769494	0.201019021	0.000262975	977040.5
4	792850.8	9674380.3	0.002760156	-0.000010461	0.017069197	2746.686809	0.104941527	-0.028733091	0.000154228	977041.2
5	793019.3	9674272.6	0.002051517	-0.000021755	0.012580656		0.077998971	-0.059754172	0.000123319	977041.5
6	793187.8	9674164.8	0.002782278	0.000028243	0.0125262		0.105782609	0.077574676	0.000113161	977041
7	793356.3	9674057.1	-0.001237149	0.000012032	0.012381371		-0.047036583	0.033048136	0.000106128	977039.6
8	793524.8	9673949.4	-0.014638927	-0.000157556	0.011031529		-0.556574107	-0.432756987	0.000095589	977038.1
9	793693.3	9673841.6	-0.012738411	-0.000028183	0.010331274		-0.484316216	-0.077409874	0.000092822	977036.8
10	793861.8	9673733.9	-0.041108382	-0.000391683	0.010301199		-1.562946587	-1.075830529	0.00009239	977035.1
11	794030.3	9673626.2	-0.006467218	-0.000025689	0.010167554		-0.245884557	-0.070559637	0.000085761	977038.9
12	794198.8	9673518.4	0.010331274	0.00009239	0.009083268		0.392796521	0.253766394	0.000074228	977043.4
13	794367.3	9673410.7	0.005484179	0.00002245	0.007614388		0.208509273	0.061663119	0.000073186	977043.7
14	794535.8	9673302.9	0.005989425	0.000072637	0.005989425		0.227718799	0.19951109	0.000072637	977043.4
15	794704.3	9673195.2	0.00107409	0.000007539	0.005725779		0.040837056	0.020707272	0.000070187	977043.4
16	794872.8	9673087.5	-0.002028948	-0.000010751	0.005684034		-0.077140894	-0.02952963	0.000069264	977043.5
17	795041.3	9672979.7	0.001567506	0.000069264	0.005484179		0.059596803	0.190246515	0.000063913	977043.5
18	795209.8	9672872	-0.010108231	-0.000125006	0.003769865		-0.384316394	-0.343352331	0.000056979	977043.5
19	795378.3	9672764.3	-0.002430616	0.000016828	0.003457493		-0.092412369	0.046221246	0.000056727	977043.2
20	795546.8	9672656.5	-0.008585248	-0.000050465	0.002863049		-0.326412362	-0.13861155	0.000055337	977043.2
21	795715.3	9672548.8	-0.008253982	-0.000048004	0.002782278		-0.313817581	-0.131851954	0.000036588	977044.1

Lintasan 3

1	X	Y	FHD	SVD			FHD(N)	SVD(N)		G CBA
2	799172	9674698	0.00956493	0.000081468	0.0254523	39.289174	0.37579828	0.34915655	0.00023333	977042.9
3	799149	9674499	0.00791415	0.000065698	0.02121004		0.31094042	0.28156929	0.00017419	977044.1
4	799127	9674301	0.00180116	-0.00010836	0.01925622	4285.81225	0.07076589	-0.46440633	0.00015115	977045.2
5	799104	9674102	0.00996525	0.000095555	0.01397754		0.39152644	0.40953079	0.00011082	977046
6	799082	9673903	0.00539469	0.000034093	0.01292605		0.2119528	0.1461162	9.7875E-05	977046.6
7	799059	9673704	0.00230263	-1.6517E-05	0.01154516		0.09046843	-0.07078876	9.5555E-05	977046.9
8	799037	9673506	0.00537582	0.000037078	0.01119566		0.21121168	0.15890935	9.4127E-05	977047.5
9	799015	9673307	0.00693929	0.000028574	0.00996525		0.27263881	0.1224628	9.3346E-05	977049.1
10	798992	9673108	0.00466451	-2.7437E-05	0.00996211		0.18326467	-0.11758983	9.3272E-05	977051.1
11	798970	9672909	0.01397754	0.000094127	0.00956493		0.54916604	0.40341065	8.1468E-05	977052.3
12	798947	9672711	0.00996211	-4.4382E-05	0.00791415		0.39140315	-0.19021292	6.5698E-05	977053.3
13	798925	9672512	0.02121004	0.00011082	0.00693929		0.83332491	0.47495371	6.0752E-05	977054.4
14	798903	9672313	0.01925622	0.00015115	0.00594234		0.75656106	0.64780052	3.7078E-05	977053.7
15	798880	9672114	0.00517664	0.000004746	0.00539469		0.20338607	0.02034046	3.6093E-05	977051.9
16	798858	9671916	0.00223376	0.000006646	0.00537582		0.08776239	0.02848351	3.4093E-05	977050.7
17	798835	9671717	-0.0027632	-2.7856E-05	0.00517664		-0.10856369	-0.11938559	2.8574E-05	977050.3
18	798813	9671518	-0.00129181	0.00002258	0.00502428		-0.05075407	0.09677364	2.6003E-05	977049.3
19	798791	9671319	-0.00847639	-4.8813E-05	0.00466451		-0.33303044	-0.20920335	0.00002258	977048.6
20	798769	9671121	-0.00136119	0.000036093	0.0025116		-0.05348003	0.15468782	0.00002008	977049.6
21	798749	9670922	-0.00094715	0.000000383	0.00230263		-0.0372127	0.00164147	6.646E-06	977051.1

Lampiran 5. Tabel Uji Liliefors

Sesar Populasi 1 (GCBA)

No	Yi	Z	F(Zi)	S(Zi)	Mutlak (Fzi- Szi)
1	977027.9	-1.7588	0.0393	0.025	0.0143
2	977029	-1.6692	0.0475	0.05	0.0025
3	977030.1	-1.5796	0.0571	0.075	0.0179
4	977031.4	-1.4737	0.0703	0.1	0.0297
5	977034.1	-1.2539	0.1049	0.125	0.0201
6	977035.9	-1.1073	0.1341	0.15	0.0159
7	977037	-1.0177	0.1544	0.175	0.0206
8	977037.4	-0.9851	0.1623	0.2	0.0377
9	977037.9	-0.9444	0.1725	0.225	0.0525
10	977038.4	-0.9037	0.1831	0.25	0.0669
11	977040.8	-0.7083	0.2394	0.275	0.0356
12	977041.2	-0.6757	0.2496	0.3	0.0504
13	977041.3	-0.6676	0.2522	0.325	0.0728
14	977042.5	-0.5698	0.2844	0.35	0.0656
15	977043.9	-0.4558	0.3243	0.375	0.0507
16	977045.2	-0.3500	0.3632	0.4	0.0368
17	977047.1	-0.1952	0.4226	0.425	0.0024
18	977048	-0.1219	0.4515	0.45	0.0015
19	977049.7	0.0165	0.5066	0.475	0.0316
20	977050	0.0409	0.5163	0.5	0.0163
21	977050.1	0.0491	0.5196	0.525	0.0054
22	977051.7	0.1794	0.5712	0.55	0.0212
23	977051.8	0.1875	0.5744	0.575	0.0006
24	977052.3	0.2282	0.5903	0.6	0.0097
25	977052.7	0.2608	0.6029	0.625	0.0221
26	977053.7	0.3422	0.6339	0.65	0.0161
27	977054.5	0.4074	0.6581	0.675	0.0169
28	977055.4	0.4807	0.6846	0.7	0.0154
29	977055.6	0.4969	0.6904	0.725	0.0346
30	977055.9	0.5214	0.6989	0.75	0.0511
31	977057.8	0.6761	0.7505	0.775	0.0245
32	977060.2	0.8715	0.8083	0.8	0.0083
33	977063.5	1.1403	0.8729	0.825	0.0479
34	977065.7	1.3194	0.9065	0.85	0.0565
35	977066.1	1.3520	0.9118	0.875	0.0368
36	977066.2	1.3601	0.9131	0.9	0.0131

37	977067.2	1.4416	0.9253	0.925	0.0003
38	977068.6	1.5556	0.9401	0.95	0.0099
39	977070.2	1.6859	0.9541	0.975	0.0209
40	977071.9	1.8243	0.9659	1	0.0341
Total			39081979.9		
Rata-rata			977049.5		
Simp. Baku			12.2800		
T Hitung			0.0728		
alfa			0.01		
T Tabel			0.1616		

Sesar Populasi 1 (SVD)

No	Yi	Z	F(Zi)	S(Zi)	Mutlak (Fzi- Szi)
1	-0.4300	-1.7699	0.0384	0.025	0.0134
2	-0.3606	-1.5080	0.0658	0.05	0.0158
3	-0.2921	-1.2497	0.1057	0.075	0.0307
4	-0.2893	-1.2391	0.1077	0.1	0.0077
5	-0.2868	-1.2297	0.1094	0.125	0.0156
6	-0.2072	-0.9291	0.1764	0.15	0.0264
7	-0.1290	-0.6342	0.2630	0.175	0.0880
8	-0.1173	-0.5898	0.2777	0.2	0.0777
9	-0.1127	-0.5727	0.2834	0.225	0.0584
10	-0.0974	-0.5149	0.3033	0.25	0.0533
11	-0.0861	-0.4724	0.3183	0.275	0.0433
12	-0.0850	-0.4680	0.3199	0.3	0.0199
13	-0.0749	-0.4301	0.3336	0.325	0.0086
14	-0.0733	-0.4238	0.3358	0.35	0.0142
15	-0.0658	-0.3955	0.3462	0.375	0.0288
16	-0.0601	-0.3740	0.3542	0.4	0.0458
17	-0.0568	-0.3616	0.3588	0.425	0.0662
18	0.0091	-0.1130	0.4550	0.45	0.0050
19	0.0108	-0.1066	0.4575	0.475	0.0175
20	0.0156	-0.0884	0.4648	0.5	0.0352
21	0.0260	-0.0492	0.4804	0.525	0.0446
22	0.0329	-0.0231	0.4908	0.55	0.0592
23	0.0341	-0.0186	0.4926	0.575	0.0824
24	0.0378	-0.0046	0.4982	0.6	0.1018
25	0.0437	0.0175	0.5070	0.625	0.1180
26	0.0492	0.0382	0.5152	0.65	0.1348
27	0.0699	0.1164	0.5463	0.675	0.1287

28	0.0773	0.1443	0.5574	0.7	0.1426
29	0.1122	0.2762	0.6088	0.725	0.1162
30	0.1143	0.2840	0.6118	0.75	0.1382
31	0.1347	0.3610	0.6410	0.775	0.1340
32	0.1414	0.3864	0.6504	0.8	0.1496
33	0.2007	0.6100	0.7291	0.825	0.0959
34	0.2441	0.7738	0.7805	0.85	0.0695
35	0.2951	0.9662	0.8330	0.875	0.0420
36	0.3133	1.0348	0.8496	0.9	0.0504
37	0.3376	1.1266	0.8700	0.925	0.0550
38	0.4239	1.4522	0.9268	0.95	0.0232
39	0.6623	2.3520	0.9907	0.975	0.0157
40	1.0000	3.6264	0.9999	1	0.0001
Total			1.5617		
Rata-rata			0.0390		
Simp. Baku			0.2650		
T Hitung			0.149585873		
alfa			0.0100		
T Tabel			0.1616		

Sesar Populasi 2 (GcBA)

No	Yi	Z	F(Zi)	S(Zi)	Mutlak (Fzi- Szi)
1	977035.1	-2.1535	0.0156	0.0189	0.0032
2	977036.8	-1.8771	0.0303	0.0377	0.0075
3	977038.1	-1.6657	0.0479	0.0566	0.0087
4	977038.9	-1.5356	0.0623	0.0755	0.0132
5	977039.6	-1.4218	0.0775	0.0943	0.0168
6	977040	-1.3568	0.0874	0.1132	0.0258
7	977040.5	-1.2755	0.1011	0.1321	0.0310
8	977041	-1.1942	0.1162	0.1509	0.0347
9	977041.2	-1.1617	0.1227	0.1698	0.0471
10	977041.5	-1.1129	0.1329	0.1887	0.0558
11	977043.2	-0.8365	0.2014	0.2075	0.0061
12	977043.2	-0.8365	0.2014	0.2264	0.0250
13	977043.4	-0.8040	0.2107	0.2453	0.0346
14	977043.4	-0.8040	0.2107	0.2642	0.0535
15	977043.4	-0.8040	0.2107	0.2830	0.0723
16	977043.5	-0.7878	0.2154	0.3019	0.0865
17	977043.5	-0.7878	0.2154	0.3208	0.1053
18	977043.5	-0.7878	0.2154	0.3396	0.1242

19	977043.7	-0.7552	0.2251	0.3585	0.1334
20	977044.1	-0.6902	0.2450	0.3774	0.1323
21	977046.6	-0.2838	0.3883	0.3962	0.0079
22	977047.3	-0.1699	0.4325	0.4151	0.0174
23	977048	-0.0561	0.4776	0.4340	0.0437
24	977048.6	0.0414	0.5165	0.4528	0.0637
25	977049.2	0.1390	0.5553	0.4717	0.0836
26	977049.4	0.1715	0.5681	0.4906	0.0775
27	977050.2	0.3015	0.6185	0.5094	0.1091
28	977050.5	0.3503	0.6370	0.5283	0.1086
29	977050.7	0.3828	0.6491	0.5472	0.1019
30	977050.8	0.3991	0.6551	0.5660	0.0891
31	977051.2	0.4641	0.6787	0.5849	0.0938
32	977051.3	0.4804	0.6845	0.6038	0.0807
33	977051.9	0.5779	0.7183	0.6226	0.0957
34	977052	0.5942	0.7238	0.6415	0.0823
35	977052.3	0.6430	0.7399	0.6604	0.0795
36	977052.3	0.6430	0.7399	0.6792	0.0606
37	977052.8	0.7243	0.7655	0.6981	0.0674
38	977052.8	0.7243	0.7655	0.7170	0.0486
39	977053.2	0.7893	0.7850	0.7358	0.0492
40	977053.2	0.7893	0.7850	0.7547	0.0303
41	977053.6	0.8543	0.8035	0.7736	0.0300
42	977053.6	0.8543	0.8035	0.7925	0.0111
43	977053.8	0.8868	0.8124	0.8113	0.0011
44	977054.3	0.9681	0.8335	0.8302	0.0033
45	977054.6	1.0169	0.8454	0.8491	0.0037
46	977054.6	1.0169	0.8454	0.8679	0.0225
47	977054.7	1.0332	0.8492	0.8868	0.0376
48	977055.5	1.1632	0.8776	0.9057	0.0280
49	977055.5	1.1632	0.8776	0.9245	0.0469
50	977056.7	1.3583	0.9128	0.9434	0.0306
51	977057.6	1.5047	0.9338	0.9623	0.0285
52	977057.6	1.5047	0.9338	0.9811	0.0473
53	977058.3	1.6185	0.9472	1.0000	0.0528
Total			51783562.3		
Rata-rata			977048.3453		
Simp. Baku			6.1507		
T Hitung			0.133438671		
alfa			0.01		
T Tabel			0.142		

Sesar Populasi 2 (SVD)

No	Yi	Z	F(Zi)	S(Zi)	Mutlak (Fzi- Szi)
1	-1.0758	-3.4329	0.0003	0.0189	0.0186
2	-0.8789	-2.8198	0.0024	0.0377	0.0353
3	-0.4328	-1.4304	0.0763	0.0566	0.0197
4	-0.3903	-1.2982	0.0971	0.0755	0.0216
5	-0.3434	-1.1520	0.1247	0.0943	0.0303
6	-0.3354	-1.1273	0.1298	0.1132	0.0166
7	-0.2747	-0.9381	0.1741	0.1321	0.0420
8	-0.2502	-0.8620	0.1943	0.1509	0.0434
9	-0.2468	-0.8513	0.1973	0.1698	0.0275
10	-0.1612	-0.5847	0.2794	0.1887	0.0907
11	-0.1386	-0.5144	0.3035	0.2075	0.0959
12	-0.1319	-0.4934	0.3109	0.2264	0.0845
13	-0.1094	-0.4234	0.3360	0.2453	0.0907
14	-0.0774	-0.3238	0.3730	0.2642	0.1089
15	-0.0706	-0.3025	0.3811	0.2830	0.0981
16	-0.0607	-0.2719	0.3929	0.3019	0.0910
17	-0.0598	-0.2689	0.3940	0.3208	0.0733
18	-0.0295	-0.1747	0.4306	0.3396	0.0910
19	-0.0287	-0.1723	0.4316	0.3585	0.0731
20	-0.0199	-0.1449	0.4424	0.3774	0.0650
21	-0.0013	-0.0869	0.4654	0.3962	0.0692
22	0.0207	-0.0183	0.4927	0.4151	0.0776
23	0.0330	0.0201	0.5080	0.4340	0.0741
24	0.0349	0.0259	0.5103	0.4528	0.0575
25	0.0408	0.0444	0.5177	0.4717	0.0460
26	0.0462	0.0611	0.5244	0.4906	0.0338
27	0.0617	0.1092	0.5435	0.5094	0.0341
28	0.0708	0.1376	0.5547	0.5283	0.0264
29	0.0724	0.1427	0.5567	0.5472	0.0095
30	0.0776	0.1588	0.5631	0.5660	0.0030
31	0.0798	0.1657	0.5658	0.5849	0.0191
32	0.0803	0.1674	0.5665	0.6038	0.0373
33	0.0865	0.1866	0.5740	0.6226	0.0486
34	0.1005	0.2302	0.5910	0.6415	0.0505
35	0.1520	0.3905	0.6519	0.6604	0.0085
36	0.1558	0.4024	0.6563	0.6792	0.0229
37	0.1565	0.4046	0.6571	0.6981	0.0410
38	0.1755	0.4639	0.6786	0.7170	0.0384

39	0.1902	0.5096	0.6948	0.7358	0.0410
40	0.1928	0.5175	0.6976	0.7547	0.0571
41	0.1995	0.5385	0.7049	0.7736	0.0687
42	0.2010	0.5432	0.7065	0.7925	0.0860
43	0.2039	0.5521	0.7096	0.8113	0.1018
44	0.2356	0.6507	0.7424	0.8302	0.0878
45	0.2538	0.7074	0.7604	0.8491	0.0887
46	0.2550	0.7111	0.7615	0.8679	0.1064
47	0.2626	0.7348	0.7688	0.8868	0.1180
48	0.2915	0.8249	0.7953	0.9057	0.1104
49	0.3108	0.8851	0.8119	0.9245	0.1126
50	0.3387	0.9720	0.8345	0.9434	0.1089
51	0.4236	1.2364	0.8918	0.9623	0.0704
52	0.7223	2.1665	0.9849	0.9811	0.0037
53	1.0000	3.0312	0.9988	1.0000	0.0012
Total			1.4091		
Rata-rata			0.0266		
Simp. Baku			0.3211		
T Hitung			0.118023038		
alfa			0.01		
T Tabel			0.142		

Sesar Populasi 3 (GCBA)

No	Yi	Z	F(Zi)	S(Zi)	Mutlak (Fzi-Szi)
1	977042.9	-1.5599	0.0594	0.0294	0.0300
2	977044.1	-1.3833	0.0833	0.0588	0.0245
3	977045.2	-1.2215	0.1109	0.0882	0.0227
4	977046	-1.1038	0.1348	0.1176	0.0172
5	977046.6	-1.0155	0.1549	0.1471	0.0079
6	977046.9	-0.9714	0.1657	0.1765	0.0108
7	977047.5	-0.8831	0.1886	0.2059	0.0173
8	977048.6	-0.7213	0.2354	0.2353	0.0001
9	977049.1	-0.6477	0.2586	0.2647	0.0061
10	977049.2	-0.6330	0.2634	0.2941	0.0308
11	977049.3	-0.6183	0.2682	0.3235	0.0553
12	977049.6	-0.5742	0.2829	0.3529	0.0700
13	977050.1	-0.5006	0.3083	0.3824	0.0740
14	977050.3	-0.4712	0.3187	0.4118	0.0930
15	977050.7	-0.4124	0.3400	0.4412	0.1011
16	977051.1	-0.3535	0.3619	0.4706	0.1087

17	977051.1	-0.3535	0.3619	0.5000	0.1381
18	977051.9	-0.2358	0.4068	0.5294	0.1226
19	977052.2	-0.1917	0.4240	0.5588	0.1348
20	977052.3	-0.1770	0.4298	0.5882	0.1585
21	977053.3	-0.0299	0.4881	0.6176	0.1296
22	977053.6	0.0143	0.5057	0.6471	0.1414
23	977053.7	0.0290	0.5116	0.6765	0.1649
24	977054.4	0.1320	0.5525	0.7059	0.1534
25	977057.7	0.6175	0.7315	0.7353	0.0038
26	977062.4	1.3089	0.9047	0.7647	0.1400
27	977062.6	1.3383	0.9096	0.7941	0.1155
28	977062.7	1.3530	0.9120	0.8235	0.0885
29	977062.8	1.3678	0.9143	0.8529	0.0614
30	977063.5	1.4707	0.9293	0.8824	0.0470
31	977063.8	1.5149	0.9351	0.9118	0.0233
32	977064.3	1.5884	0.9439	0.9412	0.0027
33	977064.4	1.6031	0.9455	0.9706	0.0250
34	977065.2	1.7208	0.9574	1.0000	0.0426
Total			33219819.1		
Rata-rata			977053.5029		
Simp. Baku			6.7973		
T Hitung			0.164906577		
alfa			0.01		
T Tabel			0.1747		

Sesar Populasi 3 (SVD)

No	Yi	Z	F(Zi)	S(Zi)	Mutlak (Fzi- Szi)
1	-1.7678	-3.4703	0.0003	0.0294	0.0292
2	-0.8449	-1.6862	0.0459	0.0588	0.0129
3	-0.7929	-1.5857	0.0564	0.0882	0.0318
4	-0.6464	-1.3026	0.0964	0.1176	0.0213
5	-0.4686	-0.9588	0.1688	0.1471	0.0218
6	-0.4644	-0.9507	0.1709	0.1765	0.0056
7	-0.2092	-0.4574	0.3237	0.2059	0.1178
8	-0.1902	-0.4207	0.3370	0.2353	0.1017
9	-0.1194	-0.2838	0.3883	0.2647	0.1236
10	-0.1176	-0.2803	0.3896	0.2941	0.0955
11	-0.0952	-0.2370	0.4063	0.3235	0.0828
12	-0.0708	-0.1898	0.4247	0.3529	0.0718
13	0.0016	-0.0498	0.4801	0.3824	0.0978

14	0.0203	-0.0137	0.4945	0.4118	0.0828
15	0.0285	0.0021	0.5008	0.4412	0.0596
16	0.0861	0.1134	0.5451	0.4706	0.0745
17	0.0968	0.1341	0.5533	0.5000	0.0533
18	0.1114	0.1624	0.5645	0.5294	0.0351
19	0.1225	0.1837	0.5729	0.5588	0.0141
20	0.1461	0.2295	0.5907	0.5882	0.0025
21	0.1547	0.2460	0.5972	0.6176	0.0205
22	0.1589	0.2542	0.6003	0.6471	0.0467
23	0.2604	0.4503	0.6738	0.6765	0.0027
24	0.2816	0.4913	0.6884	0.7059	0.0175
25	0.3492	0.6219	0.7330	0.7353	0.0023
26	0.3997	0.7197	0.7642	0.7647	0.0005
27	0.4001	0.7204	0.7643	0.7941	0.0298
28	0.4034	0.7268	0.7663	0.8235	0.0572
29	0.4095	0.7387	0.7699	0.8529	0.0830
30	0.4195	0.7579	0.7757	0.8824	0.1066
31	0.4750	0.8651	0.8065	0.9118	0.1052
32	0.6478	1.1993	0.8848	0.9412	0.0564
33	0.7465	1.3901	0.9178	0.9706	0.0528
34	1.0000	1.8801	0.9700	1.0000	0.0300
Total			0.9322		
Rata-rata			0.0274		
Simp. Baku			0.5173		
T Hitung			0.123582811		
Alfa			0.01		
T Tabel			0.1747		

Lampiran 6. Tabel Uji Regresi

Lintasan 1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	No.	G CBA	SVD				SUMMARY OUTPUT									
2	1	977027.9	0.049155													
3	2	977029	-0.07494													
4	3	977030.1	-0.20717				<i>Regression Statistics</i>									
5	4	977031.4	-0.08615				Multiple R	0.254579878								
6	5	977034.1	-0.29211				R Square	0.064810914								
7	6	977038.4	0.037816				Adjusted R Square	0.040200675								
8	7	977037.9	0.034127				Standard Error	0.25961066								
9	8	977037.4	-0.08496				Observations	40								
10	9	977035.9	0.337586				ANOVA									
11	10	977037	-0.36056					<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>				
12	11	977040.8	0.295089				Regression	1	0.177491	0.177491	2.633494	0.112899665				
13	12	977041.3	0.009102				Residual	38	2.561112	0.067398						
14	13	977041.2	-0.42997				Total	39	2.738604							
15	14	977042.5	0.043675													
16	15	977043.9	-0.12902					<i>Coefficients</i>	<i>Standard Err</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>	
17	16	977045.2	0.01079				Intercept	-5367.504816	3307.573	-1.62279	0.112902	-12063.33639	1328.327	-12063.3	1328.327	
18	17	977047.1	0.141446				G CBA	0.005493625	0.003385	1.622804	0.1129	-0.001359489	0.012347	-0.00136	0.012347	
19	18	977048	-0.11726													
20	19	977050	-0.28931													
21	20	977055.6	1				SUMMARY OUTPUT									

Lintasan 2

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	No.	G CBA	SVD				SUMMARY OUTPUT									
2	1	977040	0.100496													
3	2	977040.5	0.201019				<i>Regression Statistics</i>									
4	3	977041.2	-0.02873				Multiple R	0.380784								
5	4	977041.5	-0.05975				R Square	0.144997								
6	5	977041	0.077575				Adjusted R Square	0.128232								
7	6	977039.6	0.033048				Standard Error	0.299834								
8	7	977038.1	-0.43276				Observations	53								
9	8	977036.8	-0.07741													
10	9	977035.1	-1.07583				<i>ANOVA</i>									
11	10	977038.9	-0.07056					<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>				
12	11	977043.4	0.253766				Regression	1	0.77754	0.77754	8.648895	0.00491016				
13	12	977043.7	0.061663				Residual	51	4.584928	0.089901						
14	13	977043.4	0.199511				Total	52	5.362469							
15	14	977043.4	0.020707													
16	15	977043.5	-0.02953					<i>Coefficient</i>	<i>Standard Err</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>	
17	16	977043.5	0.190247				Intercept	-19424.5	6604.95	-2.9409	0.00491	-32684.46312	-6164.48	-32684.5	-6164.48	
18	17	977043.5	-0.34335				G CBA	0.019881	0.00676	2.9409	0.00491	0.006309318	0.033452	0.006309	0.033452	
19	18	977043.2	0.046221													
20	19	977043.2	-0.13861													
21	20	977044.1	-0.13185													

Lintasan 3

	A	B	C	D	E	F	G	H	I	J	K	L	Formula Bar	N	O	P
1	No.	G CBA	SVD				SUMMARY OUTPUT									
2	1	977042.9	0.349157													
3	2	977044.1	0.281569				Regression Statistics									
4	3	977045.2	-0.46441				Multiple R	0.119478								
5	4	977046	0.409531				R Square	0.014275								
6	5	977046.6	0.146116				Adjusted R Square	-0.01653								
7	6	977046.9	-0.07079				Standard Error	0.521566								
8	7	977047.5	0.158909				Observations	34								
9	8	977049.1	0.122463													
10	9	977051.1	-0.11759				ANOVA									
11	10	977052.3	0.403411					<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>				
12	11	977053.3	-0.19021				Regression	1	0.126064	0.126064	0.463416	0.500928071				
13	12	977054.4	0.474954				Residual	32	8.704994	0.272031						
14	13	977053.7	0.647801				Total	33	8.831058							
15	14	977051.9	0.02034													
16	15	977050.7	0.028484					<i>Coefficient</i>	<i>Standard Err</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	
17	16	977050.3	-0.11939				Intercept	-8884.2	13050.71	-0.68074	0.500929	-35467.62077	17699.22	-35467.6	17699.22	
18	17	977049.3	0.096774				G CBA	0.009093	0.013357	0.680747	0.500928	-0.018114862	0.036301	-0.01811	0.036301	
19	18	977048.6	-0.2092													
20	19	977049.6	0.154688													
21	20	977051.1	0.001641				SUMMARY OUTPUT									

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	A	B	C	D	E	F	G	H	I	J	K	L	Formula Bar =	N	O	P
1	No.	G CBA	SVD				SUMMARY OUTPUT									
2	1	977042.9	0.349157													
3	2	977044.1	0.281569				Regression Statistics									
4	3	977045.2	-0.46441				Multiple R	0.119478								
5	4	977046	0.409531				R Square	0.014275								
6	5	977046.6	0.146116				Adjusted R Square	-0.01653								
7	6	977046.9	-0.07079				Standard Error	0.521566								
8	7	977047.5	0.158909				Observations	34								
9	8	977049.1	0.122463													
10	9	977051.1	-0.11759				ANOVA									
11	10	977052.3	0.403411					<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>				
12	11	977053.3	-0.19021				Regression	1	0.126064	0.126064	0.463416	0.500928071				
13	12	977054.4	0.474954				Residual	32	8.704994	0.272031						
14	13	977053.7	0.647801				Total	33	8.831058							
15	14	977051.9	0.02034													
16	15	977050.7	0.028484					<i>Coefficients</i>	<i>Standard Err</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>	
17	16	977050.3	-0.11939				Intercept	-8884.2	13050.71	-0.68074	0.500929	-35467.62077	17699.22	-35467.6	17699.22	
18	17	977049.3	0.096774				G CBA	0.009093	0.013357	0.680747	0.500928	-0.018114862	0.036301	-0.01811	0.036301	
19	18	977048.6	-0.2092													
20	19	977049.6	0.154688													
21	20	977051.1	0.001641				SUMMARY OUTPUT									

Lampiran 7. Dokumentasi Pengambilan Data di Lapangan





