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LAMPIRAN

Lampiran 1. Data Penelitian Persentase Penduduk Miskin dan Faktor-faktor yang Mempengaruhinya di Provinsi Sulawesi Selatan tahun 2019.

Kabupaten/Kota	y	x_1	x_2	x_3	x_4	x_5	x_6
Selayar	12.83	66.91	1.53	1.10	54.86	62.56	20.74
Bulukumba	7.26	68.28	4.75	3.06	49.42	42.89	11.93
Bantaeng	9.03	68.30	2.12	3.65	51.53	49.64	20.85
Jeneponto	14.88	64.00	4.11	1.99	53.71	37.49	11.43
Takalar	8.70	66.94	3.37	3.78	39.68	42.1	26.35
Gowa	7.53	69.66	8.73	4.35	48.86	41.2	21.69
Sinjai	9.14	67.05	2.76	2.17	48.73	30.45	11.72
Maros	9.89	69.50	3.99	4.42	45.4	54.68	23.41
Pangkep	14.06	68.29	3.79	4.99	51.83	53.61	29.38
Barru	8.57	70.60	1.97	5.39	45.86	47.62	22.18
Bone	10.06	65.67	8.57	3.01	48.48	28.35	22.18
Soppeng	7.25	68.26	2.56	3.24	47.71	30.78	10.56
Wajo	6.91	69.05	4.49	3.00	50.31	39.73	13.44
Sidrap	4.79	71.05	3.41	4.35	52.54	51.91	19.68
Pinrang	8.46	71.12	4.26	2.91	52.15	42.87	24.28
Enrekang	12.33	72.66	2.33	2.15	54.95	23.84	25.83
Luwu	12.78	70.39	4.09	4.38	50.7	36.98	16.96
Tana Toraja	12.35	68.25	2.64	2.55	52.09	18.23	47.23
Luwu Utara	13.6	69.46	3.53	2.76	50.75	22.13	17.77
Luwu Timur	6.98	72.80	3.39	3.81	46.16	45.39	34.08
Toraja Utara	12.41	69.23	2.61	2.86	51.74	24.17	34.4
Makassar	4.28	82.25	17.25	9.83	43.34	95.92	32.79
Parepare	5.26	77.62	1.64	6.17	47.61	80.29	35.76
Palopo	7.82	77.98	2.09	9.67	45.15	87.95	35.76

Lampiran 2. Garis Bujur (*longitude*) dan Garis Lintang (*latitude*) Kabupaten/kota di Provinsi Sulawesi Selatan

Kabupaten/Kota	*Longitude* (u_i)	*Latitude* (v_i)
Selayar	120.57	-7.18
Bulukumba	120.14	-5.25
Bantaeng	119.49	-5.3
Jeneponto	119.34	-5.29
Takalar	119.27	-5.23
Gowa	119.40	-5.1
Sinjai	120.80	-5.1
Maros	119.36	-4.58
Pangkep	119.33	-4.46
Barru	119.41	-4.3
Bone	120.19	-4.32
Soppeng	119.53	-4.23
Wajo	120.11	-4.01
Sidrap	119.49	-4
Pinrang	119.41	-3.46
Enrekang	119.40	-3.14
Luwu	121.43	-3.3
Tana Toraja	119.47	-3
Luwu Utara	121.43	-2.37
Luwu Timur	121.47	-3.03
Toraja Utara	119.53	-2.58
Makassar	119.25	-5.8
Parepare	119.39	-4.2
Palopo	120.14	-3.04

Lampiran 3. *Output* Nilai *Bandwidth* Optimum pada tiap Lokasi Pengamatan

```
> dataku=read.csv("E:/DATAHASILFIXBISMILLAH.csv", header=TRUE)
> koordinat=dataku[,3:4]
> Y=as.matrix(dataku$Y)
> X1=as.matrix(dataku$X2)
> X2=as.matrix(dataku$X6)
> X3=as.matrix(dataku$X8)
> X4=as.matrix(dataku$X9)
> X5=as.matrix(dataku$X13)
> X6=as.matrix(dataku$X14)
> X=as.matrix(cbind(1,X1,X2,X3,X4,X5,X6))
> n=nrow(X)
> nk=ncol(X)
> XX= solve(t(X)%*%X)
> #Model Regresi Global
> pers=Y~X1+X2+X3+X4+X5+X6
> Model<-lm(pers)
> library(spgwr)
> Mencari bandwidth spasial (adaptive kernel gaussian)
> adaptivegaus=gwr.sel(pers, adapt = TRUE,coords =
cbind(koordinat$LONG,koordinat$LAT),gweight = gwr.Gauss)
Adaptive q: 0.381966 CV score: 215.771
Adaptive q: 0.618034 CV score: 208.3074
Adaptive q: 0.763932 CV score: 213.4783
Adaptive q: 0.5900437 CV score: 208.6132
Adaptive q: 0.6245248 CV score: 208.2534
Adaptive q: 0.6777736 CV score: 210.3569
Adaptive q: 0.676573 CV score: 210.2845
Adaptive q: 0.6444054 CV score: 208.8705
Adaptive q: 0.6321185 CV score: 208.4573
Adaptive q: 0.6229463 CV score: 208.266
Adaptive q: 0.6274253 CV score: 208.3169
Adaptive q: 0.6256327 CV score: 208.2668
Adaptive q: 0.624268 CV score: 208.2554
Adaptive q: 0.6249479 CV score: 208.2501
Adaptive q: 0.6252095 CV score: 208.2553
Adaptive q: 0.6248324 CV score: 208.251
Adaptive q: 0.6250478 CV score: 208.2509
Adaptive q: 0.6249072 CV score: 208.2504
Adaptive q: 0.6249886 CV score: 208.2497
Adaptive q: 0.6249886 CV score: 208.2497

> gwr.adaptgaus=gwr(pers, adapt=adaptivegaus,coords =
cbind(koordinat$LONG,koordinat$LAT),gweight = gwr.Gauss)

#Estimasi parameter adaptive gaussian kernel
> gwr2=gwr(pers, coords =  cbind(koordinat$LONG,koordinat$LAT),adapt
=adaptivegaus, hatmatrix = TRUE, gweight = gwr.Gauss)

#Menampilkan nilai bandwidth adaptive
> gwr2$bandwidth
[1]  3.205120 1.408868 1.431229 1.493748 1.535498 1.399973 1.710582 1.224921
[9]  1.321803 1.198071 1.289726 1.188462 1.300843 1.298678 1.775491 2.036275
[17] 2.253968 2.000220 2.801747 2.420012 2.007208 1.909634 1.202637 1.634730
```

Lampiran 4. Matriks Jarak *euclidean* (d_{ij}) antar Lokasi Pengamatan.

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

Lampiran 4. Matriks Jarak *euclidean* (d_{ij}) antar Lokasi Pengamatan (lanjutan)

Wilayah	Sinjai	Maros	Pangkep	Barru	Bone	Soppeng
Selayar	2.0927	2.8678	2.9893	3.1048	2.8851	3.1280
Bulukumba	0.6768	1.0283	1.1315	1.1981	0.9313	1.1885
Bantaeng	1.3252	0.7316	0.8551	1.0032	1.2043	1.0707
Jeneponto	1.4723	0.7103	0.8301	0.9925	1.2897	1.0769
Takalar	1.5355	0.6562	0.7723	0.9405	1.2940	1.0332
Gowa	1.4000	0.5215	0.6438	0.8001	1.1102	0.8797
Sinjai	0	1.5310	1.6033	1.6038	0.9902	1.5394
Maros	1.5310	0	0.1237	0.2844	0.8698	0.3891
Pangkep	1.6033	0.1237	0	0.1789	0.8713	0.3048
Barru	1.6038	0.2844	0.1789	0	0.7803	0.1389
Bone	0.9902	0.8698	0.8713	0.7803	0	0.6661
Soppeng	1.5394	0.3891	0.3048	0.1389	0.6661	0
Wajo	1.2900	0.9420	0.9005	0.7577	0.3202	0.6203
Sidrap	1.7106	0.5944	0.4870	0.3105	0.7697	0.2335
Pinrang	2.1498	1.1211	1.0032	0.8400	1.1610	0.7793
Enrekang	2.4087	1.4406	1.3219	1.1600	1.4200	1.0977
Luwu	1.9071	2.4338	2.3991	2.2540	1.6056	2.1154
Tana Toraja	2.4857	1.5838	1.4667	1.3014	1.5036	1.2315
Luwu Utara	2.8017	3.0280	2.9628	2.7938	2.3109	2.6589
Luwu Timur	2.1757	2.6181	2.5738	2.4200	1.8173	2.2811
Toraja Utara	2.8219	2.0072	1.8906	1.7242	1.8610	1.6500
Makassar	1.7007	1.2249	1.3424	1.5085	1.7533	1.5948
Parepare	1.6728	0.3812	0.2668	0.1020	0.8089	0.1432
Palopo	2.1631	1.7263	1.6348	1.4562	1.2810	1.3372

Lampiran 4. Matriks Jarak *Euclidean* (d_{ij}) antar Lokasi Pengamatan (lanjutan)

Wilayah	Wajo	Sidrap	Pinrang	Enrekang	Luwu	Tana Toraja
Selayar	3.2032	3.3584	3.8967	4.2060	3.2032	3.3584
Bulukumba	1.2404	1.4089	1.9331	2.2360	1.2404	1.4089
Bantaeng	1.4313	1.3000	1.8417	2.1619	1.4313	1.3000
Jeneponto	1.4938	1.2987	1.8313	2.1508	2.7863	2.3001
Takalar	1.4812	1.2495	1.7755	2.0940	2.8859	2.2937
Gowa	1.3008	1.1037	1.6400	1.9600	2.8966	2.2390
Sinjai	1.2900	1.7106	2.1498	2.4087	2.7131	2.1012
Maros	0.9420	0.5944	1.1211	1.4406	1.9071	2.4857
Pangkep	0.9005	0.4870	1.0032	1.3219	2.4338	1.5838
Barru	0.7577	0.3105	0.8400	1.1600	2.3991	1.4667
Bone	0.3202	0.7697	1.1610	1.4200	2.2540	1.3014
Soppeng	0.6203	0.2335	0.7793	1.0977	1.6056	1.5036
Wajo	0	0.6201	0.8902	1.1229	2.1154	1.2315
Sidrap	0.6201	0	0.5459	0.8647	1.4988	1.1957
Pinrang	0.8902	0.5459	0	0.3202	2.0624	1.0002
Enrekang	1.1229	0.8647	0.3202	0	2.0263	0.4639
Luwu	1.4988	2.0624	2.0263	2.0363	2.0363	0.1565
Tana Toraja	1.1957	1.0002	0.4639	0.1565	0	1.9828
Luwu Utara	2.1052	2.5339	2.2953	2.1711	1.9828	0
Luwu Timur	1.6763	2.2048	2.1044	2.0729	0.9300	2.0588
Toraja Utara	1.5431	1.4206	0.8881	0.5749	0.2729	2.0002
Makassar	1.9859	1.8159	2.3455	2.6642	2.0318	0.4243
Parepare	0.7446	0.2236	0.7403	1.0600	3.3170	2.8086
Palopo	0.9705	1.1594	0.8422	0.7467	2.2297	1.2027

Lampiran 4. Matriks Jarak *Euclidean* (d_{ij}) antar Lokasi Pengamatan (lanjutan)

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

Lampiran 5. Matriks Pembobot $\boldsymbol{W}(u_i, v_i)$ dengan Fungsi *Adaptive Gaussian Kernel*

Wilayah	Selayar	Bulukumba	Bantaeng	Jeneponto	Takalar	Gowa
Selayar	1	0.8267	0.7955	0.7808	0.7654	0.7579
Bulukumba	0.3735	1	0.8985	0.8508	0.8263	0.8662
Bantaeng	0.3175	0.9015	1	0.9945	0.9871	0.9883
Jeneponto	0.3200	0.8661	0.9949	1	0.9981	0.9911
Takalar	0.3120	0.8516	0.9888	0.9982	1	0.9929
Gowa	0.2339	0.8646	0.9878	0.9899	0.9914	1
Sinjai	0.4732	0.9247	0.7408	0.6905	0.6684	0.7154
Maros	0.0645	0.7030	0.8366	0.8453	0.8663	0.9133
Pangkep	0.0775	0.6932	0.8112	0.8210	0.8431	0.8881
Barru	0.0348	0.6065	0.7043	0.7096	0.7348	0.8001
Bone	0.0819	0.7705	0.6466	0.6065	0.6045	0.6904
Soppeng	0.0313	0.6065	0.6664	0.6633	0.6853	0.7604
Wajo	0.0482	0.6347	0.5459	0.5172	0.5229	0.6065
Sidrap	0.0353	0.5552	0.6059	0.6065	0.6295	0.6969
Pinrang	0.0900	0.5528	0.5839	0.5875	0.6065	0.6527
Enrekang	0.1185	0.5472	0.5692	0.5724	0.5893	0.6292
Luwu	0.2113	0.5839	0.4658	0.4406	0.4379	0.4846
Tana Toraja	0.0968	0.5022	0.5163	0.5182	0.5345	0.5759
Luwu Utara	0.2185	0.5303	0.4554	0.4398	0.4412	0.4784
Luwu Timur	0.2145	0.5645	0.4609	0.4389	0.4376	0.4811
Toraja Utara	0.0633	0.3942	0.3992	0.4002	0.4148	0.4538
Makassar	0.6065	0.8606	0.9587	0.9639	0.9564	0.9321
Parepare	0.0287	0.5624	0.6559	0.6626	0.6895	0.7557
Palopo	0.0391	0.4010	0.3553	0.3441	0.3538	0.4080

Lampiran 5. Matriks Pembobot $\boldsymbol{W}(u_i, v_i)$ dengan Fungsi *Adaptive Gaussian Kernel* (lanjutan)

Wilayah	Sinjai	Maros	Pangkep	Barru	Bone	Soppeng
Selayar	0.8080	0.6701	0.6473	0.6255	0.6669	0.6211
Bulukumba	0.8910	0.7662	0.7243	0.6966	0.8037	0.7006
Bantaeng	0.6514	0.8775	0.8365	0.7822	0.7019	0.7559
Jeneponto	0.6152	0.8931	0.8569	0.8019	0.6888	0.7711
Takalar	0.6065	0.9127	0.8812	0.8290	0.7011	0.7974
Gowa	0.6065	0.9330	0.8997	0.8493	0.7302	0.8209
Sinjai	1	0.6700	0.6445	0.6444	0.8457	0.6670
Maros	0.4579	1	0.9949	0.9734	0.7772	0.9508
Pangkep	0.4792	0.9956	1	0.9909	0.8047	0.9738
Barru	0.4082	0.9722	0.9889	1	0.8089	0.9933
Bone	0.7447	0.7966	0.7960	0.8328	1	0.8751
Soppeng	0.4322	0.9478	0.9676	0.9932	0.8546	1
Wajo	0.6116	0.7694	0.7869	0.8440	0.9702	0.8925
Sidrap	0.4200	0.9006	0.9321	0.9718	0.8389	0.9840
Pinrang	0.4804	0.8193	0.8525	0.8941	0.8075	0.9082
Enrekang	0.4968	0.7786	0.8100	0.8502	0.7841	0.8648
Luwu	0.6991	0.5582	0.5675	0.6065	0.7759	0.6438
Tana Toraja	0.4620	0.7309	0.7643	0.8092	0.7539	0.8274
Luwu Utara	0.6065	0.5576	0.5717	0.6083	0.7117	0.6374
Luwu Timur	0.6675	0.5570	0.5680	0.6065	0.7543	0.6413
Toraja Utara	0.3722	0.6065	0.6417	0.6915	0.6506	0.7133
Makassar	0.6726	0.8140	0.7811	0.7320	0.6561	0.7056
Parepare	0.3801	0.9510	0.9757	0.9964	0.7975	0.9929
Palopo	0.4167	0.5726	0.6065	0.6725	0.7356	0.7156

Lampiran 5. Matriks Pembobot $\boldsymbol{W}(u_i, v_i)$ dengan Fungsi *Adaptive Gaussian Kernel* (lanjutan)

Wilayah	Wajo	Sidrap	Pinrang	Enrekang	Luwu	Tana Toraja
Selayar	0.6069	0.5775	0.4776	0.4227	0.4636	0.4028
Bulukumba	0.6787	0.6065	0.3901	0.2838	0.2523	0.2495
Bantaeng	0.6065	0.6620	0.4369	0.3196	0.1503	0.2749
Jeneponto	0.6065	0.6853	0.4716	0.3546	0.1547	0.3076
Takalar	0.6280	0.7181	0.5125	0.3946	0.1687	0.3454
Gowa	0.6494	0.7329	0.5035	0.3753	0.1529	0.3242
Sinjai	0.7525	0.6065	0.4540	0.3711	0.5372	0.3479
Maros	0.7440	0.8889	0.6578	0.5008	0.1389	0.4335
Pangkep	0.7929	0.9344	0.7498	0.6065	0.1926	0.5403
Barru	0.8187	0.9670	0.7821	0.6258	0.1704	0.5544
Bone	0.9697	0.8369	0.6668	0.5455	0.4607	0.5068
Soppeng	0.8727	0.9809	0.8066	0.6527	0.2051	0.5846
Wajo	1	0.8926	0.7912	0.6889	0.5149	0.6554
Sidrap	0.8923	1	0.9154	0.8012	0.2834	0.7434
Pinrang	0.8819	0.9538	1	0.9839	0.5214	0.9664
Enrekang	0.8589	0.9138	0.9877	1	0.6065	0.9971
Luwu	0.8016	0.6579	0.6676	0.6649	1	0.6791
Tana Toraja	0.8364	0.8825	0.9735	0.9969	0.6118	1
Luwu Utara	0.7540	0.6643	0.7149	0.7406	0.9464	0.7634
Luwu Timur	0.7867	0.6603	0.6852	0.6929	0.9937	0.7106
Toraja Utara	0.7441	0.7785	0.9067	0.9598	0.5991	0.9779
Makassar	0.5823	0.6363	0.4704	0.3779	0.2212	0.3391
Parepare	0.8256	0.9829	0.8274	0.6781	0.1793	0.6065
Palopo	0.8384	0.7776	0.8757	0.9009	0.7232	0.9192

Lampiran 5. Matriks Pembobot $\boldsymbol{W}(u_i, v_i)$ dengan Fungsi *Adaptive Gaussian Kernel* (lanjutan)

Wilayah	Luwu Utara	Luwu Timur	Toraja Utara	Makassar	Pare-pare	Palopo
Selayar	0.3128	0.4157	0.3387	0.8374	0.6065	0.4303
Bulukumba	0.0814	0.1851	0.1511	0.7590	0.6574	0.2922
Bantaeng	0.0491	0.1092	0.1643	0.9277	0.7425	0.2593
Jeneponto	0.0556	0.1152	0.1913	0.9417	0.7658	0.2786
Takalar	0.0656	0.1284	0.2223	0.9333	0.7961	0.3080
Gowa	0.0522	0.1123	0.1970	0.8774	0.8133	0.2946
Sinjai	0.2615	0.4453	0.2565	0.6100	0.6199	0.4495
Maros	0.0471	0.1019	0.2612	0.6065	0.9527	0.3704
Pangkep	0.0811	0.1502	0.3595	0.5971	0.9798	0.4654
Barru	0.0659	0.1300	0.3550	0.4526	0.9964	0.4778
Bone	0.2009	0.3706	0.3531	0.3969	0.8214	0.6106
Soppeng	0.0819	0.1585	0.3815	0.4064	0.9928	0.5310
Wajo	0.2699	0.4359	0.4948	0.3118	0.8489	0.7571
Sidrap	0.1491	0.2366	0.5498	0.3762	0.9853	0.6713
Pinrang	0.4336	0.4954	0.8824	0.4179	0.9168	0.8936
Enrekang	0.5664	0.5956	0.9609	0.4249	0.8733	0.9350
Luwu	0.9184	0.9927	0.6661	0.3386	0.6131	0.8433
Tana Toraja	0.5888	0.6065	0.9778	0.3731	0.8346	0.9453
Luwu Utara	1	0.9725	0.7924	0.3492	0.6198	0.8741
Luwu Timur	0.9634	1	0.7128	0.3410	0.6149	0.8598
Toraja Utara	0.6354	0.6113	1	0.2735	0.7203	0.9301
Makassar	0.1039	0.1777	0.2387	1	0.7021	0.3157
Parepare	0.0745	0.1396	0.4009	0.4099	1	0.5170
Palopo	0.6734	0.7182	0.8965	0.2073	0.6998	1

Lampiran 6. Estimasi Parameter Model GWR

Wilayah	$\hat{\beta}_0(u_i, v_i)$	$\hat{\beta}_1(u_i, v_i)$	$\hat{\beta}_2(u_i, v_i)$	$\hat{\beta}_3(u_i, v_i)$	$\hat{\beta}_4(u_i, v_i)$	$\hat{\beta}_5(u_i, v_i)$	$\hat{\beta}_6(u_i, v_i)$
Selayar	30.7501	-0.6358	-0.0015	0.4742	0.3755	-0.0017	0.1230
Bulukumba	39.8505	-0.7593	0.0120	0.5223	0.3310	0.0136	0.1442
Bantaeng	41.9882	-0.7911	0.0406	0.4576	0.3227	0.0228	0.1519
Jeneponto	41.1035	-0.7775	0.0400	0.4552	0.3249	0.0199	0.1515
Takalar	40.1232	-0.7618	0.0353	0.4661	0.3269	0.0157	0.1501
Gowa	41.2372	-0.7771	0.0329	0.4885	0.3223	0.0162	0.1519
Sinjai	31.8868	-0.6508	-0.0321	0.6594	0.3725	-0.0158	0.1225
Maros	39.7891	-0.7433	0.0030	0.5918	0.3147	-0.0026	0.1518
Pangkep	36.9596	-0.6989	-0.0098	0.6366	0.3213	-0.0137	0.1436
Barru	36.8361	-0.6899	-0.0261	0.6754	0.3139	-0.0204	0.1448
Bone	32.3820	-0.6314	-0.0652	0.8968	0.3421	-0.0460	0.1222
Soppeng	35.6899	-0.6704	-0.0394	0.7239	0.3153	-0.0278	0.1407
Wajo	28.8983	-0.5714	-0.0836	1.0033	0.3446	-0.0663	0.1100
Sidrap	31.6130	-0.6067	-0.0549	0.8092	0.3253	-0.0448	0.1256
Pinrang	25.4508	-0.5180	-0.0693	0.9463	0.3533	-0.0686	0.0953
Enrekang	23.8419	-0.4959	-0.0736	0.9776	0.3630	-0.0742	0.0862
Luwu	20.1274	-0.4650	-0.1003	1.1125	0.4117	-0.0885	0.0660
Tana Toraja	22.8467	-0.4782	-0.0804	1.0279	0.3635	-0.0817	0.0814
Luwu Utara	19.4472	-0.4499	-0.0970	1.0878	0.4087	-0.0888	0.0613
Luwu Timur	19.7471	-0.4578	-0.0998	1.1085	0.4115	-0.0893	0.0636
Toraja Utara	20.4115	-0.4353	-0.0933	1.1316	0.3649	-0.0981	0.0693
Makassar	38.0528	-0.7350	0.0358	0.4204	0.3376	0.0167	0.1453
Parepare	35.5553	-0.6676	-0.0348	0.7013	0.3143	-0.0266	0.1411
Palopo	19.2497	-0.4157	-0.1091	1.2655	0.3663	-0.1140	0.0648

Lampiran 7. Estimasi Parameter Model MGWR

Wilayah	Parameter Lokal					Parameter Global	
	$\hat{\beta}_0(u_i, v_i)$	$\hat{\beta}_1(u_i, v_i)$	$\hat{\beta}_2(u_i, v_i)$	$\hat{\beta}_5(u_i, v_i)$	$\hat{\beta}_6(u_i, v_i)$	$\hat{\beta}_3$	$\hat{\beta}_4$
Selayar	33.7640	-0.6579	-0.1964	-0.0042	0.0681	1.0053	0.3642
Bulukumba	34.7888	-0.6786	-0.0836	-0.0355	0.0973	1.0053	0.3642
Bantaeng	36.9231	-0.7159	-0.0618	-0.0307	0.1032	1.0053	0.3642
Jeneponto	37.1825	-0.7202	-0.0581	-0.0304	0.1035	1.0053	0.3642
Takalar	37.1413	-0.7194	-0.0563	-0.0311	0.1039	1.0053	0.3642
Gowa	36.5642	-0.7099	-0.0591	-0.0336	0.1046	1.0053	0.3642
Sinjai	31.3415	-0.6158	-0.1150	-0.0436	0.0827	1.0053	0.3642
Maros	34.6381	-0.6772	-0.0613	-0.0426	0.1044	1.0053	0.3642
Pangkep	34.0961	-0.6678	-0.0621	-0.0448	0.1035	1.0053	0.3642
Barru	33.0690	-0.6501	-0.0664	-0.0483	0.1016	1.0053	0.3642
Bone	30.6919	-0.6080	-0.0917	-0.0533	0.0926	1.0053	0.3642
Soppeng	32.3898	-0.6385	-0.0708	-0.0503	0.1001	1.0053	0.3642
Wajo	29.1033	-0.5803	-0.0942	-0.0592	0.0887	1.0053	0.3642
Sidrap	30.9994	-0.6141	-0.0741	-0.0551	0.0962	1.0053	0.3642
Pinrang	27.0078	-0.5432	-0.0861	-0.0672	0.0809	1.0053	0.3642
Enrekang	24.2711	-0.4936	-0.0974	-0.0750	0.0678	1.0053	0.3642
Luwu	20.0419	-0.4022	-0.1796	-0.0834	0.0210	1.0053	0.3642
Tana Toraja	22.9234	-0.4690	-0.1051	-0.0786	0.0610	1.0053	0.3642
Luwu Utara	18.0891	-0.3482	-0.2242	-0.0938	-0.0189	1.0053	0.3642
Luwu Timur	19.0087	-0.3789	-0.1925	-0.0874	0.0085	1.0053	0.3642
Toraja Utara	19.4614	-0.4034	-0.1282	-0.0882	0.0388	1.0053	0.3642
Makassar	38.1673	-0.7357	-0.0631	-0.0223	0.0976	1.0053	0.3642
Parepare	32.5126	-0.6404	-0.0676	-0.0503	0.1002	1.0053	0.3642
Palopo	21.5745	-0.4441	-0.1251	-0.0816	0.0544	1.0053	0.3642

Lampiran 8. Iterasi fungsi Pembobot *Tukey Bisquare*

Wilayah	$\omega_i^{(0)}$	$\omega_i^{(1)}$	$\omega_i^{(2)}$	$\omega_i^{(3)}$	$\omega_i^{(4)}$
Selayar	0.94884	0.93572	0.96442	0.99161	0.99666
Bulukumba	0.91214	0.92716	0.93591	0.97964	0.98635
Bantaeng	0.85944	0.71494	0.97534	0.82079	0.92638
Jeneponto	0.78539	0.90509	0.97901	0.71482	0.82374
Takalar	0.99798	0.68262	0.75032	0	0
Gowa	0.83267	0.80829	1	0.97235	0.99541
Sinjai	0.99895	0.99396	0.90816	0.82259	0.84726
Maros	0.91683	0.77508	0.93062	0.62502	0.65211
Pangkep	0.93738	0.99864	0.75739	0.31589	0.59865
Barru	0.98833	0.98954	0.99966	0.99628	0.95757
Bone	0.94875	0.97050	0.98748	0.99764	0.97619
Soppeng	0.91116	0.92643	0.93730	0.94727	0.92497
Wajo	0.86631	0.83799	0.94460	0.99889	0.99967
Sidrap	0.32355	0.09526	0.98635	0.56685	0.68837
Pinrang	0.98795	0.97331	0.94308	0.99953	0.99939
Enrekang	0.84789	0.92449	0.99717	0.94707	0.95184
Luwu	0.89719	0.96506	0.81799	0.80920	0.86906
Tana Toraja	0.93736	0.90654	0.99961	0.96628	0.99982
Luwu Utara	0.89736	0.89131	0.82235	0.96458	0.99434
Luwu Timur	0.97758	0.98373	0.81670	0.27293	0.32848
Toraja Utara	0.99674	0.99999	0.99887	0.97554	0.99859
Makassar	0.96205	0.88353	0.98977	0.99209	0.99927
Parepare	0.98927	0.99639	0.92345	0.86663	0.91230
Palopo	0.99837	0.98896	0.91672	0.77513	0.92532

Lampiran 8. Iterasi fungsi Pembobot *Tukey Bisquare* (lanjutan)

Wilayah	$\omega_i^{(5)}$	$\omega_i^{(6)}$	$\omega_i^{(7)}$	$\omega_i^{(8)}$	$\omega_i^{(9)}$	$\omega_i^{(10)}$
Selayar	0.99586	0.99549	0.99464	0.99434	0.99426	0.99423
Bulukumba	0.98341	0.98004	0.97949	0.97943	0.97942	0.97974
Bantaeng	0.95099	0.95255	0.95466	0.95509	0.95518	0.95519
Jeneponto	0.86761	0.86605	0.87053	0.87109	0.87112	0.87110
Takalar	0.70911	0	0	0	0	0
Gowa	0.99740	0.99781	0.99796	0.99798	0.99798	0.99798
Sinjai	0.85068	0.83236	0.83278	0.83293	0.83297	0.83300
Maros	0.63205	0.58077	0.57858	0.57798	0.57785	0.57787
Pangkep	0.69280	0.69069	0.69653	0.69762	0.69776	0.69777
Barru	0.94602	0.93074	0.93297	0.93334	0.93344	0.93348
Bone	0.96808	0.95931	0.95887	0.95887	0.95893	0.95896
Soppeng	0.92600	0.91434	0.91693	0.91751	0.91766	0.91771
Wajo	0.99916	0.99898	0.99882	0.99878	0.99877	0.99877
Sidrap	0.73288	0.71254	0.71713	0.71825	0.71854	0.71864
Pinrang	0.99956	0.99906	0.99945	0.99954	0.99957	0.99957
Enrekang	0.93608	0.91552	0.91756	0.91851	0.91887	0.91901
Luwu	0.88387	0.87553	0.87512	0.87501	0.87497	0.87496
Tana Toraja	0.99933	0.99929	0.99906	0.99896	0.99893	0.99893
Luwu Utara	0.99543	0.99508	0.99521	0.99521	0.9952	0.99520
Luwu Timur	0.38012	0.35156	0.34348	0.34104	0.34022	0.33997
Toraja Utara	0.99903	0.99883	0.99896	0.99902	0.99904	0.99904
Makassar	0.99913	0.99887	0.99912	0.99918	0.9992	0.99920
Parepare	0.90631	0.89765	0.89286	0.89103	0.8904	0.89020
Palopo	0.94993	0.95217	0.95277	0.95322	0.95337	0.95341

Lampiran 9. Estimasi Parameter Model MGWR Menggunakan *GM-Estimator*

Wilayah	Parameter Lokal					Parameter Global	
	$\hat{\beta}_0(u_i, v_i)$	$\hat{\beta}_1(u_i, v_i)$	$\hat{\beta}_2(u_i, v_i)$	$\hat{\beta}_5(u_i, v_i)$	$\hat{\beta}_6(u_i, v_i)$	$\hat{\beta}_3$	$\hat{\beta}_4$
Selayar	29.4929	-0.6217	-0.2294	-0.0174	0.0766	1.0725	0.4042
Bulukumba	29.9242	-0.6284	-0.1314	-0.0517	0.0923	1.0725	0.4042
Bantaeng	32.1938	-0.6681	-0.1094	-0.0458	0.0974	1.0725	0.4042
Jeneponto	32.4753	-0.6729	-0.1056	-0.0451	0.0976	1.0725	0.4042
Takalar	32.4333	-0.6721	-0.1043	-0.0458	0.0980	1.0725	0.4042
Gowa	31.8129	-0.6618	-0.1082	-0.0486	0.0986	1.0725	0.4042
Sinjai	26.2757	-0.5626	-0.1635	-0.0610	0.0796	1.0725	0.4042
Maros	29.7619	-0.6270	-0.1130	-0.0576	0.0981	1.0725	0.4042
Pangkep	29.1820	-0.6171	-0.1140	-0.0598	0.0971	1.0725	0.4042
Barru	28.0857	-0.5983	-0.1184	-0.0635	0.0953	1.0725	0.4042
Bone	25.5945	-0.5542	-0.1424	-0.0697	0.0873	1.0725	0.4042
Soppeng	27.3647	-0.5860	-0.1227	-0.0657	0.0939	1.0725	0.4042
Wajo	23.8963	-0.5251	-0.1444	-0.0754	0.0833	1.0725	0.4042
Sidrap	25.8742	-0.5603	-0.1256	-0.0704	0.0899	1.0725	0.4042
Pinrang	21.6199	-0.4860	-0.1358	-0.0826	0.0749	1.0725	0.4042
Enrekang	18.7506	-0.4350	-0.1458	-0.0902	0.0622	1.0725	0.4042
Luwu	14.4161	-0.3423	-0.2335	-0.1001	0.0205	1.0725	0.4042
Tana Toraja	17.3541	-0.4099	-0.1528	-0.0939	0.0558	1.0725	0.4042
Luwu Utara	12.6070	-0.2915	-0.2892	-0.1084	-0.0189	1.0725	0.4042
Luwu Timur	13.3718	-0.3193	-0.2488	-0.1036	0.0083	1.0725	0.4042
Toraja Utara	13.8632	-0.3446	-0.1760	-0.1032	0.0345	1.0725	0.4042
Makassar	33.5843	-0.6911	-0.1050	-0.0365	0.0925	1.0725	0.4042
Parepare	27.4891	-0.5881	-0.1196	-0.0655	0.0938	1.0725	0.4042
Palopo	15.9569	-0.3842	-0.1717	-0.0975	0.0500	1.0725	0.4042

Lampiran 10. Model MGWR dengan *GM-estimator* pada Data Persentase Penduduk Miskin di Provinsi Sulawesi Selatan

Kepulauan Selayar:

$$y = 29.4929 - 0.6217x_1 - 0.2294x_2 + 1.0725x_3 + 0.4042x_4 - 0.0174x_5 + 0.0766x_6$$

Bulukumba:

$$y = 29.9242 - 0.6284x_1 - 0.1314x_2 + 1.0725x_3 + 0.4042x_4 - 0.0517x_5 + 0.0923x_6$$

Bantaeng:

$$y = 32.1938 - 0.6681x_1 - 0.1094x_2 + 1.0725x_3 + 0.4042x_4 - 0.0458x_5 + 0.0974x_6$$

Jeneponto

$$y = 32.4753 - 0.6729x_1 - 0.1056x_2 + 1.0725x_3 + 0.4042x_4 - 0.0451x_5 + 0.0976x_6$$

Takalar

$$y = 32.4333 - 0.6721x_1 - 0.1043x_2 + 1.0725x_3 + 0.4042x_4 - 0.0458x_5 + 0.0980x_6$$

Gowa

$$y = 31.8129 - 0.6618x_1 - 0.1082x_2 + 1.0725x_3 + 0.4042x_4 - 0.0486x_5 + 0.0986x_6$$

Sinjai

$$y = 26.2757 - 0.5626x_1 - 0.1635x_2 + 1.0725x_3 + 0.4042x_4 - 0.0610x_5 + 0.0796x_6$$

Maros

$$y = 29.7619 - 0.6270x_1 - 0.1130x_2 + 1.0725x_3 + 0.4042x_4 - 0.0576x_5 + 0.0971x_6$$

Pangkep

$$y = 29.1820 - 0.6171x_1 - 0.1140x_2 + 1.0725x_3 + 0.4042x_4 - 0.0598x_5 + 0.0971x_6$$

Barru

$$y = 28.0857 - 0.5983x_1 - 0.1184x_2 + 1.0725x_3 + 0.4042x_4 - 0.0635x_5 + 0.0953x_6$$

Bone

$$y = 25.5945 - 0.5542x_1 - 0.1424x_2 + 1.0725x_3 + 0.4042x_4 - 0.0697x_5 + 0.0873x_6$$

Soppeng

$$y = 27.3647 - 0.5860x_1 - 0.1227x_2 + 1.0725x_3 + 0.4042x_4 - 0.0657x_5 + 0.0939x_6$$

Wajo

$$y = 23.8963 - 0.5251x_1 - 0.1444x_2 + 1.0725x_3 + 0.4042x_4 - 0.0754x_5 + 0.0833x_6$$

Lampiran 10. Model MGWR dengan *GM-estimator* pada Data Persentase Penduduk Miskin di Provinsi Sulawesi Selatan (lanjutan)

Sidrap

$$y = 25.8742 - 0.5603x_1 - 0.1256x_2 + 1.0725x_3 + 0.4042x_4 - 0.0704x_5 + 0.0899x_6$$

Pinrang

$$y = 21.6199 - 0.6681x_1 - 0.1094x_2 + 1.0725x_3 + 0.4042x_4 - 0.0458x_5 + 0.0974x_6$$

Enrekang

$$y = 18.7506 - 0.4350x_1 - 0.1458x_2 + 1.0725x_3 + 0.4042x_4 - 0.0902x_5 + 0.0622x_6$$

Luwu

$$y = 14.4161 - 0.3423x_1 - 0.2335x_2 + 1.0725x_3 + 0.4042x_4 - 0.1001x_5 + 0.0205x_6$$

Tana Toraja

$$y = 17.3541 - 0.4099x_1 - 0.1528x_2 + 1.0725x_3 + 0.4042x_4 - 0.0939x_5 + 0.0558x_6$$

Luwu Utara

$$y = 12.6070 - 0.2915x_1 - 0.2892x_2 + 1.0725x_3 + 0.4042x_4 - 0.1084x_5 - 0.0189x_6$$

Luwu Timur

$$y = 13.3718 - 0.3193x_1 - 0.2488x_2 + 1.0725x_3 + 0.4042x_4 - 0.1036x_5 + 0.0083x_6$$

Toraja Utara

$$y = 13.8632 - 0.3446x_1 - 0.1760x_2 + 1.0725x_3 + 0.4042x_4 - 0.1032x_5 + 0.0345x_6$$

Makassar

$$y = 33.5843 - 0.6911x_1 - 0.1050x_2 + 1.0725x_3 + 0.4042x_4 - 0.0365x_5 + 0.0925x_6$$

Pare-pare

$$y = 27.4891 - 0.5881x_1 - 0.1196x_2 + 1.0725x_3 + 0.4042x_4 - 0.0655x_5 + 0.0938x_6$$

Palopo

$$y = 15.9569 - 0.3842x_1 - 0.1717x_2 + 1.0725x_3 + 0.4042x_4 - 0.0975x_5 + 0.0500x_6$$

Lampiran 11. *Output* Uji Serentak Variabel Global dan Lokal sModel MGWR

```
> library(psych)
> u=c(0,0)
> r=c(0,0)
> t=c(0,0)

> H=(X%*%solve(t(X)%*%X))%*%t(X)
> Sg=(xg%*%solve(t(xg)%*%xg))%*%t(xg)

> for (i in 1:2){
+   u[i]=tr((t(I-Sr11)%*%(I-Sr11))^i)
+   r[i]=tr((t(I-Slr11)%*%(I-Slr11)-t(I-Sr11)%*%(I-Sr11))^i)
+   t[i]=tr((t(I-Sg)%*%(I-Sg)-t(I-Sr11)%*%(I-Sr11))^i)
+ }

#Uji serentak variabel global
> F1=as.vector((((t(Y)%*%(((t(I-Slr11)%*%(I-Slr11))-(t(I-Sr11)%*%(I-
Sr11)))))%*%Y)/r[1])/((((t(Y)%*%t(I-Sr11))%*%(I-Sr11))%*%Y)/u[1]))
> df1.2=(r[1]^2)/r[2]
> F1
[1] 17.17528

> #Uji serentak variabel lokal
> F2=as.vector((((t(Y)%*%(((t(I-Sg)%*%(I-Sg))-(t(I-Sr11)%*%(I-
Sr11)))))%*%Y)/t[1])/((((t(Y)%*%t(I-Sr11))%*%(I-Sr11))%*%Y)/u[1]))
> df1.3=(t[1]^2)/t[2]
> F2
[1] 16.85197
```

Lampiran 12. *Output* Uji Parsial Parameter Global Model MGWR

```
> G=((solve(((t(xg)%*%t(I-Slr11)%*%(I-Slr11))%*%xg))%*%t(xg)%*%t(I-
Slr11))%*%(I-Slr11))
> gkk=diag(G%*%t(G))
> t.g=as.vector(matrix(0,ng,1))
> sigma=as.vector(sqrt(((((t(Y)%*%t(I-Sr11))%*%(I-
Sr11))%*%Y)/u[1])))
> for (i in 1:ng) {
+   t.g[i]=beta.gr11[i]/sigma*sqrt(gkk[i])
+   df=df2.1
+ }
> Uji.parsial.Global=cbind(t.g,df)
> Uji.parsial.Global
          t.g       df
[1,] 3.851976 4.049889
[2,] 5.508694 4.049889
```

Lampiran 13. Uji Parsial Parameter Lokal Model MGWR untuk tiap Kabupaten/kota di Provinsi Sulawesi Selatan

Wilayah	$\hat{\beta}_0(u_i, v_i)$	$\hat{\beta}_1(u_i, v_i)$	$\hat{\beta}_2(u_i, v_i)$	$\hat{\beta}_5(u_i, v_i)$	$\hat{\beta}_6(u_i, v_i)$	df_2
Selayar	3.770179	-4.98077	-2.34451	-0.78818	2.349006	2.77645
Bulukumba	4.35685	-5.88682	-1.77362	-2.75671	3.370661	2.77645
Bantaeng	4.693985	-6.28994	-1.47291	-2.41095	3.560391	2.77645
Jeneponto	4.734323	-6.33688	-1.4202	-2.37049	3.569714	2.77645
Takalar	4.736492	-6.34264	-1.40325	-2.39611	3.586139	2.77645
Gowa	4.668378	-6.27315	-1.46287	-2.53105	3.621507	2.77645
Sinjai	3.770828	-5.16423	-2.18189	-3.27702	2.882525	2.77645
Maros	4.422946	-6.01337	-1.537	-2.92872	3.623234	2.77645
Pangkep	4.345423	-5.9276	-1.55179	-3.02232	3.589273	2.77645
Barru	4.193461	-5.75872	-1.61367	-3.19124	3.523478	2.77645
Bone	3.807449	-5.30071	-1.92755	-3.5788	3.250256	2.77645
Soppeng	4.090505	-5.64337	-1.67127	-3.30079	3.476803	2.77645
Wajo	3.564073	-5.03048	-1.95343	-3.81383	3.096329	2.77645
Sidrap	3.873246	-5.39731	-1.71239	-3.50672	3.323627	2.77645
Pinrang	3.215844	-4.63268	-1.84702	-4.03673	2.730101	2.77645
Enrekang	2.75137	-4.07551	-1.97053	-4.36231	2.232344	2.77645
Luwu	1.947226	-2.93242	-2.94319	-4.94163	0.700683	2.77645
Tana Toraja	2.523912	-3.79988	-2.0549	-4.51699	1.983567	2.77645
Luwu Utara	1.560209	-2.2923	-3.39372	-5.07571	-0.58816	2.77645
Luwu Timur	1.764183	-2.67041	-3.08747	-5.02989	0.275755	2.77645
Toraja Utara	1.939127	-3.0563	-2.30772	-4.86474	1.1815	2.77645
Makassar	4.783163	-6.34733	-1.37459	-1.94888	3.32047	2.77645
Parepare	4.108642	-5.66323	-1.63005	-3.27748	3.469513	2.77645
Palopo	2.305219	-3.53468	-2.27627	-4.7256	1.785708	2.77645

Lampiran 14. Proses Iterasi Parameter Global Model MGWR

Iterasi ke-	$\hat{\beta}_3$	$\hat{\beta}_4$
1	1.10719	0.41560
2	1.18728	0.49031
3	0.96300	0.33775
4	1.00618	0.38374
5	1.04514	0.39078
6	1.06135	0.39549
7	1.07421	0.40470
8	1.07307	0.40439
9	1.07272	0.40426
10	1.07253	0.40418
11	1.07252	0.40417
$\left\|\widehat{\boldsymbol{\beta}}_{\boldsymbol{g}}^{(11)} - \widehat{\boldsymbol{\beta}}_{\boldsymbol{g}}^{(10)}\right\|$	8.8E-06	1E-05

Lampiran 15. Proses Iterasi Parameter Lokal Model MGWR

r	Selayar					Bulukumba				
	$\hat{\beta}_0(u_i,v_i)$	$\hat{\beta}_1(u_i,v_i)$	$\hat{\beta}_2(u_i,v_i)$	$\hat{\beta}_5(u_i,v_i)$	$\hat{\beta}_6(u_i,v_i)$	$\hat{\beta}_0(u_i,v_i)$	$\hat{\beta}_1(u_i,v_i)$	$\hat{\beta}_2(u_i,v_i)$	$\hat{\beta}_5(u_i,v_i)$	$\hat{\beta}_6(u_i,v_i)$
1	30.9344	-0.6540	-0.2110	-0.0150	0.0737	31.7401	-0.6667	-0.1351	-0.0444	0.0938
2	26.8232	-0.6484	-0.2122	-0.0192	0.0729	27.6511	-0.6600	-0.1482	-0.0452	0.0853
3	35.0584	-0.6562	-0.2002	-0.0096	0.0754	36.0183	-0.6728	-0.1200	-0.0430	0.1044
4	27.9746	-0.5825	-0.2564	-0.0151	0.0811	28.1328	-0.5831	-0.1435	-0.0517	0.0901
5	29.4669	-0.6105	-0.2376	-0.0167	0.0783	29.8145	-0.6153	-0.1360	-0.0517	0.0923
6	29.9929	-0.6224	-0.2302	-0.0169	0.0771	30.3998	-0.6287	-0.1324	-0.0514	0.0932
7	29.4727	-0.6217	-0.2299	-0.0173	0.0763	29.8799	-0.6280	-0.1318	-0.0517	0.0921
8	29.4929	-0.6218	-0.2294	-0.0173	0.0765	29.9198	-0.6284	-0.1314	-0.0517	0.0922
9	29.4929	-0.6217	-0.2294	-0.0173	0.0765	29.9234	-0.6284	-0.1313	-0.0517	0.0923
10	29.4929	-0.6216	-0.2294	-0.0173	0.0765	29.9242	-0.6283	-0.1313	-0.0517	0.0923
11	29.4924	-0.6216	-0.2294	-0.0173	0.0765	29.9238	-0.6283	-0.1313	-0.0517	0.0923
	0.0004	1.55E-05	1.29E-05	1.96E-06	5.17E-06	0.0003	1.37E-05	3.33E-06	3.1E-06	3.48E-06

r	Bantaeng					Jeneponto				
	$\hat{\beta}_0(u_i,v_i)$	$\hat{\beta}_1(u_i,v_i)$	$\hat{\beta}_2(u_i,v_i)$	$\hat{\beta}_5(u_i,v_i)$	$\hat{\beta}_6(u_i,v_i)$	$\hat{\beta}_0(u_i,v_i)$	$\hat{\beta}_1(u_i,v_i)$	$\hat{\beta}_2(u_i,v_i)$	$\hat{\beta}_5(u_i,v_i)$	$\hat{\beta}_6(u_i,v_i)$
1	33.9128	-0.7047	-0.1136	-0.0387	0.0991	34.1889	-0.7093	-0.1098	-0.0381	0.0993
2	29.7050	-0.6958	-0.1283	-0.0396	0.0895	29.9609	-0.7000	-0.1247	-0.0390	0.0894
3	38.3193	-0.7129	-0.0969	-0.0375	0.1103	38.5897	-0.7174	-0.0928	-0.0370	0.1107
4	30.2493	-0.6200	-0.1227	-0.0462	0.0943	30.5022	-0.6242	-0.1192	-0.0456	0.0943
5	32.0631	-0.6546	-0.1143	-0.0459	0.0973	32.3392	-0.6592	-0.1106	-0.0453	0.0974
6	32.6859	-0.6687	-0.1103	-0.0455	0.0984	32.9691	-0.6734	-0.1066	-0.0448	0.0986
7	32.1437	-0.6677	-0.1098	-0.0458	0.0971	32.4245	-0.6724	-0.1061	-0.0451	0.0973
8	32.1884	-0.6682	-0.1094	-0.0457	0.0973	32.4698	-0.6729	-0.1057	-0.0451	0.0975
9	32.1928	-0.6681	-0.1093	-0.0457	0.0974	32.4743	-0.6729	-0.1056	-0.0451	0.0976
10	32.1938	-0.6681	-0.1093	-0.0457	0.0974	32.4753	-0.6728	-0.1056	-0.0451	0.0976
11	32.1934	-0.6681	-0.1093	-0.0457	0.0974	32.4749	-0.6728	-0.1056	-0.0451	0.0976
	0.0003	1.41E-05	3.16E-06	3.38E-06	3.44E-06	0.0003	1.43E-05	3.11E-06	3.43E-06	3.43E-06

Lampiran 15. Proses Iterasi Parameter Lokal Model MGWR (lanjutan)

r	Takalar					Gowa				
	$\hat{\beta}_0(u_i,v_i)$	$\hat{\beta}_1(u_i,v_i)$	$\hat{\beta}_2(u_i,v_i)$	$\hat{\beta}_5(u_i,v_i)$	$\hat{\beta}_6(u_i,v_i)$	$\hat{\beta}_0(u_i,v_i)$	$\hat{\beta}_1(u_i,v_i)$	$\hat{\beta}_2(u_i,v_i)$	$\hat{\beta}_5(u_i,v_i)$	$\hat{\beta}_6(u_i,v_i)$
1	34.1913	-0.7092	-0.1085	-0.0385	0.0994	33.6989	-0.7009	-0.1126	-0.0408	0.0997
2	29.9593	-0.6997	-0.1235	-0.0394	0.0893	29.4974	-0.6919	-0.1275	-0.0415	0.0894
3	38.5573	-0.7169	-0.0916	-0.0377	0.1112	37.9919	-0.7075	-0.0964	-0.0403	0.1121
4	30.4232	-0.6228	-0.1177	-0.0464	0.0944	29.7609	-0.611	-0.1206	-0.0494	0.0948
5	32.2904	-0.6584	-0.1092	-0.0459	0.0977	31.6637	-0.6479	-0.1129	-0.0488	0.0983
6	32.9279	-0.6727	-0.1052	-0.0455	0.0989	32.3073	-0.6623	-0.1091	-0.0483	0.0996
7	32.3821	-0.6717	-0.1048	-0.0457	0.0976	31.7618	-0.6613	-0.1087	-0.0486	0.0983
8	32.4279	-0.6722	-0.1043	-0.0457	0.0978	31.8075	-0.6618	-0.1082	-0.0485	0.0985
9	32.4322	-0.6721	-0.1043	-0.0457	0.0979	31.8119	-0.6618	-0.1082	-0.0485	0.0986
10	32.4332	-0.6721	-0.1043	-0.0457	0.0979	31.8129	-0.6617	-0.1082	-0.0485	0.0986
11	32.4328	-0.6721	-0.1043	-0.0457	0.0979	31.8125	-0.6617	-0.1082	-0.0485	0.0986
	0.0003	1.43E-05	2.98E-06	3.49E-06	3.46E-06	0.0003	1.43E-05	2.7E-06	3.5E-06	3.54E-06

r	Sinjai					Maros				
	$\hat{\beta}_0(u_i,v_i)$	$\hat{\beta}_1(u_i,v_i)$	$\hat{\beta}_2(u_i,v_i)$	$\hat{\beta}_5(u_i,v_i)$	$\hat{\beta}_6(u_i,v_i)$	$\hat{\beta}_0(u_i,v_i)$	$\hat{\beta}_1(u_i,v_i)$	$\hat{\beta}_2(u_i,v_i)$	$\hat{\beta}_5(u_i,v_i)$	$\hat{\beta}_6(u_i,v_i)$
1	28.2308	-0.6032	-0.1644	-0.0534	0.0799	32.1781	-0.6741	-0.1172	-0.0480	0.0978
2	24.2902	-0.5995	-0.1749	-0.0540	0.0729	28.0603	-0.6663	-0.1319	-0.0481	0.0863
3	32.1648	-0.6037	-0.1523	-0.0523	0.0898	36.0279	-0.6743	-0.1030	-0.0492	0.1126
4	24.7279	-0.5217	-0.1746	-0.0602	0.0786	27.4735	-0.5729	-0.1230	-0.0593	0.0931
5	26.1977	-0.5501	-0.1678	-0.0608	0.0797	29.5649	-0.6123	-0.1169	-0.0580	0.0974
6	26.7237	-0.5624	-0.1645	-0.0607	0.0802	30.2510	-0.6275	-0.1137	-0.0574	0.0990
7	26.2435	-0.5624	-0.1638	-0.0609	0.0793	29.7111	-0.6265	-0.1134	-0.0576	0.0977
8	26.2734	-0.5626	-0.1635	-0.0609	0.0795	29.7569	-0.6270	-0.1130	-0.0576	0.0980
9	26.2753	-0.5626	-0.1634	-0.0609	0.0795	29.7611	-0.6270	-0.1129	-0.0576	0.0980
10	26.2757	-0.5625	-0.1634	-0.0609	0.0795	29.7618	-0.6269	-0.1129	-0.0576	0.0980
11	26.2753	-0.5625	-0.1634	-0.0609	0.0795	29.7614	-0.6269	-0.1129	-0.0576	0.0980
	0.0003	1.35E-05	3.56E-06	2.8E-06	3.68E-06	0.00045	1.51E-05	1.8E-06	3.71E-06	3.73E-06

Lampiran 15. Proses Iterasi Parameter Lokal Model MGWR (lanjutan)

r	Pangkep					Barru				
	$\hat{\beta}_0(u_i,v_i)$	$\hat{\beta}_1(u_i,v_i)$	$\hat{\beta}_2(u_i,v_i)$	$\hat{\beta}_5(u_i,v_i)$	$\hat{\beta}_6(u_i,v_i)$	$\hat{\beta}_0(u_i,v_i)$	$\hat{\beta}_1(u_i,v_i)$	$\hat{\beta}_2(u_i,v_i)$	$\hat{\beta}_5(u_i,v_i)$	$\hat{\beta}_6(u_i,v_i)$
1	31.7331	-0.6662	-0.1180	-0.0498	0.0965	30.8346	-0.6505	-0.1225	-0.0529	0.0944
2	27.6423	-0.6588	-0.1327	-0.0498	0.0849	26.8044	-0.6441	-0.1367	-0.0526	0.0827
3	35.4492	-0.6644	-0.1043	-0.0514	0.1118	34.3560	-0.6457	-0.1095	-0.0550	0.1100
4	26.8407	-0.5621	-0.1235	-0.0616	0.0920	25.6987	-0.5427	-0.1271	-0.0655	0.0900
5	28.9723	-0.6021	-0.1178	-0.0602	0.0963	27.8628	-0.5832	-0.1220	-0.0639	0.0944
6	29.6679	-0.6175	-0.1147	-0.0596	0.0980	28.5651	-0.5987	-0.1191	-0.0632	0.0961
7	29.1316	-0.6166	-0.1144	-0.0598	0.0968	28.0365	-0.5979	-0.1188	-0.0635	0.0949
8	29.1772	-0.6171	-0.1140	-0.0598	0.0970	28.0812	-0.5984	-0.1184	-0.0634	0.0951
9	29.1813	-0.6171	-0.1139	-0.0598	0.0971	28.0851	-0.5983	-0.1184	-0.0634	0.0952
10	29.1819	-0.6170	-0.1139	-0.0598	0.0971	28.0857	-0.5983	-0.1184	-0.0634	0.0952
11	29.1815	-0.6170	-0.1139	-0.0598	0.0971	28.0852	-0.5983	-0.1184	-0.0634	0.0952
	0.0004	1.53E-05	1.62E-06	3.76E-06	3.74E-06	0.00048	1.55E-05	1.35E-06	3.77E-06	3.77E-06

r	Bone					Soppeng				
	$\hat{\beta}_0(u_i,v_i)$	$\hat{\beta}_1(u_i,v_i)$	$\hat{\beta}_2(u_i,v_i)$	$\hat{\beta}_5(u_i,v_i)$	$\hat{\beta}_6(u_i,v_i)$	$\hat{\beta}_0(u_i,v_i)$	$\hat{\beta}_1(u_i,v_i)$	$\hat{\beta}_2(u_i,v_i)$	$\hat{\beta}_5(u_i,v_i)$	$\hat{\beta}_6(u_i,v_i)$
1	28.3425	-0.6066	-0.1470	-0.0592	0.0867	30.2077	-0.6396	-0.1269	-0.0548	0.0929
2	24.4629	-0.6032	-0.1591	-0.0589	0.0768	26.2210	-0.6340	-0.1406	-0.0545	0.0814
3	31.7827	-0.6002	-0.1352	-0.0608	0.1007	33.6346	-0.6334	-0.1144	-0.0571	0.1086
4	23.4695	-0.5032	-0.1495	-0.0710	0.0834	24.9793	-0.5304	-0.1308	-0.0677	0.0886
5	25.4076	-0.5398	-0.1457	-0.0700	0.0867	27.1391	-0.5708	-0.1261	-0.0661	0.0930
6	26.0523	-0.5541	-0.1433	-0.0695	0.0881	27.8394	-0.5862	-0.1234	-0.0655	0.0947
7	25.5519	-0.5538	-0.1427	-0.0697	0.0870	27.3164	-0.5855	-0.1230	-0.0657	0.0935
8	25.5909	-0.5542	-0.1424	-0.0697	0.0872	27.3603	-0.5860	-0.1227	-0.0656	0.0938
9	25.5941	-0.5542	-0.1423	-0.0697	0.0873	27.3641	-0.5860	-0.1226	-0.0656	0.0938
10	25.5945	-0.5541	-0.1423	-0.0697	0.0873	27.3646	-0.5859	-0.1226	-0.0656	0.0938
11	25.5940	-0.5541	-0.1423	-0.0697	0.0873	27.3641	-0.5859	-0.1226	-0.0657	0.0938
	0.00044	1.46E-05	1.34E-06	3.38E-06	3.74E-06	0.0004	1.55E-06	1.22E-06	3.73E-06	3.78E-06

Lampiran 15. Proses Iterasi Parameter Lokal Model MGWR (lanjutan)

r	Wajo					Sidrap				
	$\hat{\beta}_0(u_i,v_i)$	$\hat{\beta}_1(u_i,v_i)$	$\hat{\beta}_2(u_i,v_i)$	$\hat{\beta}_5(u_i,v_i)$	$\hat{\beta}_6(u_i,v_i)$	$\hat{\beta}_0(u_i,v_i)$	$\hat{\beta}_1(u_i,v_i)$	$\hat{\beta}_2(u_i,v_i)$	$\hat{\beta}_5(u_i,v_i)$	$\hat{\beta}_6(u_i,v_i)$
1	27.0000	-0.5828	-0.1491	-0.0641	0.0821	28.9983	-0.6181	-0.1296	-0.0589	0.0885
2	23.2218	-0.5810	-0.1606	-0.0633	0.0719	25.0989	-0.6139	-0.1429	-0.0582	0.0769
3	30.0457	-0.5705	-0.1381	-0.0667	0.0970	32.0978	-0.6069	-0.1178	-0.0620	0.1047
4	21.6635	-0.4724	-0.1505	-0.0772	0.0789	23.4166	-0.5036	-0.1331	-0.0727	0.0845
5	23.6807	-0.5102	-0.1475	-0.0758	0.0825	25.6257	-0.5448	-0.1289	-0.0709	0.0889
6	24.3435	-0.5249	-0.1452	-0.0752	0.0840	26.3377	-0.5604	-0.1263	-0.0702	0.0907
7	23.8554	-0.5248	-0.1448	-0.0754	0.0829	25.8278	-0.5599	-0.1260	-0.0704	0.0895
8	23.8932	-0.5252	-0.1444	-0.0754	0.0832	25.8704	-0.5603	-0.1257	-0.0704	0.0898
9	23.8960	-0.5251	-0.1444	-0.0754	0.0832	25.8738	-0.5603	-0.1256	-0.0704	0.0898
10	23.8963	-0.5251	-0.1444	-0.0754	0.0833	25.8741	-0.5602	-0.1256	-0.0704	0.0899
11	23.8958	-0.5250	-0.1444	-0.0754	0.0833	25.8736	-0.5602	-0.1256	-0.0704	0.0899
	0.00048	1.52E-05	6.9E-07	3.46E-06	3.76E-06	0.0005	1.61E-05	8.3E-07	3.78E-06	3.77E-06

r	Pinrang					Enrekang				
	$\hat{\beta}_0(u_i,v_i)$	$\hat{\beta}_1(u_i,v_i)$	$\hat{\beta}_2(u_i,v_i)$	$\hat{\beta}_5(u_i,v_i)$	$\hat{\beta}_6(u_i,v_i)$	$\hat{\beta}_0(u_i,v_i)$	$\hat{\beta}_1(u_i,v_i)$	$\hat{\beta}_2(u_i,v_i)$	$\hat{\beta}_5(u_i,v_i)$	$\hat{\beta}_6(u_i,v_i)$
1	25.3967	-0.5533	-0.1389	-0.0699	0.0726	22.8548	-0.5069	-0.1482	-0.0772	0.0594
2	21.8020	-0.5543	-0.1505	-0.0682	0.0613	19.5130	-0.5122	-0.1585	-0.0749	0.0488
3	27.5682	-0.5281	-0.1288	-0.0748	0.0892	24.4004	-0.4722	-0.1392	-0.0831	0.0759
4	19.1123	-0.4286	-0.1420	-0.0852	0.0695	16.3370	-0.3792	-0.1515	-0.0927	0.0574
5	21.3348	-0.4699	-0.1387	-0.0832	0.0737	18.4691	-0.4189	-0.1486	-0.0908	0.0611
6	22.0458	-0.4855	-0.1363	-0.0825	0.0755	19.1492	-0.4340	-0.1462	-0.0902	0.0628
7	21.5812	-0.4857	-0.1362	-0.0826	0.0745	18.7192	-0.4348	-0.1461	-0.0902	0.0619
8	21.6180	-0.4861	-0.1358	-0.0825	0.0747	18.7501	-0.4351	-0.1458	-0.0902	0.0621
9	21.6200	-0.4860	-0.1358	-0.0825	0.0748	18.7509	-0.4350	-0.1458	-0.0902	0.0622
10	21.6199	-0.4860	-0.1358	-0.0825	0.0748	18.7505	-0.4349	-0.1457	-0.0902	0.0622
11	21.6192	-0.4860	-0.1358	-0.0825	0.0748	18.7498	-0.4349	-0.1457	-0.0902	0.0622
	0.0006	1.75E-05	1.3E-07	3.78E-06	3.69E-06	0.0007	1.83E-05	7.7E-07	3.69E-06	3.62E-06

Lampiran 15. Proses Iterasi Parameter Lokal Model MGWR (lanjutan)

r	Luwu					Tana Toraja				
	$\hat{\beta}_0(u_i, v_i)$	$\hat{\beta}_1(u_i, v_i)$	$\hat{\beta}_2(u_i, v_i)$	$\hat{\beta}_5(u_i, v_i)$	$\hat{\beta}_6(u_i, v_i)$	$\hat{\beta}_0(u_i, v_i)$	$\hat{\beta}_1(u_i, v_i)$	$\hat{\beta}_2(u_i, v_i)$	$\hat{\beta}_5(u_i, v_i)$	$\hat{\beta}_6(u_i, v_i)$
1	17.2686	-0.3958	-0.2291	-0.0914	0.0170	21.5684	-0.4834	-0.1551	-0.0808	0.0527
2	14.0682	-0.4058	-0.2309	-0.0896	0.0125	18.3577	-0.4910	-0.1645	-0.0782	0.0426
3	19.1663	-0.3645	-0.2278	-0.0939	0.0274	22.8424	-0.4445	-0.1466	-0.0871	0.0690
4	13.2651	-0.3081	-0.2382	-0.0991	0.0203	15.0342	-0.3557	-0.1582	-0.0962	0.0513
5	14.3881	-0.3307	-0.2360	-0.0999	0.0203	17.0865	-0.3941	-0.1555	-0.0945	0.0547
6	14.7811	-0.3408	-0.2342	-0.1000	0.0206	17.7406	-0.4087	-0.1533	-0.0939	0.0563
7	14.4208	-0.3427	-0.2338	-0.1000	0.0202	17.3270	-0.4098	-0.1532	-0.0939	0.0554
8	14.4207	-0.3425	-0.2335	-0.1000	0.0204	17.3544	-0.4100	-0.1529	-0.0939	0.0557
9	14.4172	-0.3424	-0.2334	-0.1000	0.0204	17.3546	-0.4099	-0.1528	-0.0939	0.0557
10	14.4161	-0.3423	-0.2334	-0.1000	0.0204	17.3541	-0.4098	-0.1528	-0.0939	0.0557
11	14.4156	-0.3423	-0.2334	-0.1000	0.0205	17.3533	-0.4098	-0.1528	-0.0939	0.0557
	0.0005	1.47E-05	1.59E-06	2.47E-06	3.89E-06	0.0007	1.84E-05	1.16E-06	3.6E-06	3.6E-06

r	Luwu Utara					Luwu Timur				
	$\hat{\beta}_0(u_i, v_i)$	$\hat{\beta}_1(u_i, v_i)$	$\hat{\beta}_2(u_i, v_i)$	$\hat{\beta}_5(u_i, v_i)$	$\hat{\beta}_6(u_i, v_i)$	$\hat{\beta}_0(u_i, v_i)$	$\hat{\beta}_1(u_i, v_i)$	$\hat{\beta}_2(u_i, v_i)$	$\hat{\beta}_5(u_i, v_i)$	$\hat{\beta}_6(u_i, v_i)$
1	15.1992	-0.3403	-0.2825	-0.1019	-0.0229	16.1843	-0.3719	-0.2432	-0.0955	0.0045
2	12.3089	-0.3569	-0.2769	-0.0992	-0.0248	13.0967	-0.3842	-0.2431	-0.0934	0.0008
3	16.3386	-0.2964	-0.2892	-0.1048	-0.0148	17.8107	-0.3362	-0.2442	-0.0982	0.0142
4	11.9522	-0.2650	-0.2932	-0.1068	-0.0183	12.3652	-0.2874	-0.2533	-0.1025	0.0083
5	12.7124	-0.2820	-0.2915	-0.1081	-0.0188	13.3791	-0.3083	-0.2512	-0.1034	0.0081
6	12.9564	-0.2896	-0.2903	-0.1085	-0.0188	13.7287	-0.3176	-0.2496	-0.1036	0.0083
7	12.6351	-0.2922	-0.2897	-0.1084	-0.0190	13.3843	-0.3198	-0.2492	-0.1036	0.0080
8	12.6154	-0.2917	-0.2893	-0.1084	-0.0189	13.3777	-0.3195	-0.2488	-0.1036	0.0082
9	12.6086	-0.2916	-0.2892	-0.1084	-0.0188	13.3731	-0.3193	-0.2488	-0.1036	0.0082
10	12.6069	-0.2915	-0.2892	-0.1084	-0.0188	13.3718	-0.3193	-0.2488	-0.1036	0.0082
11	12.6063	-0.2915	-0.2892	-0.1084	-0.0188	13.3713	-0.3193	-0.2487	-0.1036	0.0082
	0.0005	1.52E-05	4.97E-06	2.06E-06	3.65E-06	0.0005	1.5E-05	2.52E-06	2.36E-06	3.8E-06

Lampiran 15. Proses Iterasi Parameter Lokal Model MGWR (lanjutan)

r	Toraja Utara					Makassar				
	$\hat{\beta}_0(u_i,v_i)$	$\hat{\beta}_1(u_i,v_i)$	$\hat{\beta}_2(u_i,v_i)$	$\hat{\beta}_5(u_i,v_i)$	$\hat{\beta}_6(u_i,v_i)$	$\hat{\beta}_0(u_i,v_i)$	$\hat{\beta}_1(u_i,v_i)$	$\hat{\beta}_2(u_i,v_i)$	$\hat{\beta}_5(u_i,v_i)$	$\hat{\beta}_6(u_i,v_i)$
1	18.2506	-0.4201	-0.1772	-0.0905	0.0306	34.9259	-0.7219	-0.1079	-0.0315	0.0957
2	15.4396	-0.4347	-0.1838	-0.0870	0.0220	30.6642	-0.7123	-0.1220	-0.0329	0.0875
3	18.7244	-0.3690	-0.1707	-0.0976	0.0461	39.4767	-0.7317	-0.0896	-0.0291	0.1038
4	11.9147	-0.2966	-0.1810	-0.1047	0.0314	31.8289	-0.6463	-0.1219	-0.0360	0.0907
5	13.6647	-0.3299	-0.1786	-0.1036	0.0337	33.4809	-0.6781	-0.1109	-0.0365	0.0927
6	14.2158	-0.3428	-0.1764	-0.1032	0.0349	34.0696	-0.6915	-0.1060	-0.0362	0.0935
7	13.8509	-0.3447	-0.1763	-0.1031	0.0342	33.5364	-0.6907	-0.1055	-0.0365	0.0923
8	13.8660	-0.3447	-0.1760	-0.1031	0.0344	33.5792	-0.6911	-0.1050	-0.0364	0.0924
9	13.8641	-0.3446	-0.1759	-0.1031	0.0345	33.5833	-0.6911	-0.1050	-0.0365	0.0925
10	13.8632	-0.3445	-0.1759	-0.1031	0.0345	33.5843	-0.6911	-0.1050	-0.0365	0.0925
11	13.8624	-0.3445	-0.1759	-0.1031	0.0345	33.5839	-0.6910	-0.1050	-0.0365	0.0925
	0.0007	1.88E-05	2.25E-06	3.33E-06	3.53E-06	0.0003	1.45E-05	4.48E-06	3.2E-06	3.09E-06

r	Pare-pare					Palopo				
	$\hat{\beta}_0(u_i,v_i)$	$\hat{\beta}_1(u_i,v_i)$	$\hat{\beta}_2(u_i,v_i)$	$\hat{\beta}_5(u_i,v_i)$	$\hat{\beta}_6(u_i,v_i)$	$\hat{\beta}_0(u_i,v_i)$	$\hat{\beta}_1(u_i,v_i)$	$\hat{\beta}_2(u_i,v_i)$	$\hat{\beta}_5(u_i,v_i)$	$\hat{\beta}_6(u_i,v_i)$
1	30.3583	-0.6420	-0.1235	-0.0546	0.0928	19.9727	-0.4548	-0.1749	-0.0850	0.0470
2	26.3607	-0.6361	-0.1375	-0.0542	0.0810	16.8207	-0.4638	-0.1823	-0.0825	0.0382
3	33.7469	-0.6353	-0.1109	-0.0570	0.1087	21.3819	-0.4177	-0.1669	-0.0905	0.0620
4	25.0654	-0.5318	-0.1280	-0.0676	0.0884	13.9192	-0.3349	-0.1755	-0.0991	0.0466
5	27.2557	-0.5728	-0.1231	-0.0659	0.0929	15.7460	-0.3694	-0.1740	-0.0979	0.0491
6	27.9643	-0.5883	-0.1203	-0.0652	0.0947	16.3386	-0.3829	-0.1722	-0.0975	0.0504
7	27.4405	-0.5876	-0.1200	-0.0655	0.0935	15.9357	-0.3841	-0.1720	-0.0975	0.0497
8	27.4848	-0.5881	-0.1196	-0.0654	0.0937	15.9578	-0.3843	-0.1717	-0.0975	0.0499
9	27.4886	-0.5881	-0.1195	-0.0654	0.0938	15.9575	-0.3842	-0.1716	-0.0975	0.0499
10	27.4891	-0.5880	-0.1195	-0.0654	0.0938	15.9569	-0.3841	-0.1716	-0.0975	0.0500
11	27.4886	-0.5880	-0.1195	-0.0654	0.0938	15.9562	-0.3841	-0.1716	-0.0975	0.0500
	0.0005	1.58E-05	1.2E-06	3.79E-06	3.77E-06	0.0006	1.71E-05	1.78E-06	3.26E-06	3.67E-06