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LAMPIRAN



Lampiran 1. Data

ADM2_EN	Longitude	Latitude	Y	PM	X1	X2	X3	X4
Bantaeng	120.0203	-5.51693	1	9.07	90.54	29.58	6.81	70.88
Barru	119.6499	-4.43642	0	8.4	85.54	44.94	8.25	69.35
Bone	120.0665	-4.74434	1	10.58	94.41	43.45	7.36	67.57
Bulukumba	120.2051	-5.43294	0	7.39	94.40	30.11	8.01	68.51
Enrekang	119.8815	-3.45907	1	12.39	97.58	68.12	8.93	71.17
Gowa	119.7426	-5.31029	0	7.36	86.61	36.77	8.4	70.7
Jeneponto	119.6731	-5.55458	1	13.73	85.75	55.57	6.75	66.81
Kepulauan Selayar	120.5041	-6.09572	1	12.24	98.63	25.54	8.09	68.81
Kota Makassar	119.4319	-5.14861	0	4.58	98.68	9.15	11.55	72.4
Kota Palopo	120.1955	-2.99449	0	7.78	98.09	34.62	11.09	71.18
Kota Parepare	119.65	-4.0333	0	5.41	99.43	36.92	10.66	71.57
Luwu	120.2513	-2.20522	1	12.49	99.83	61.08	8.48	70.75
Luwu Timur	121.171	-2.58255	0	6.81	94.96	27.35	8.92	70.94
Luwu Utara	119.9741	-2.26904	1	13.22	99.72	46.48	7.87	69.03
Maros	119.6963	-5.05491	1	9.43	92.17	23.96	8.02	69.28
Pangkajene Dan Kepulauan	119.5572	-4.80504	1	13.92	97.04	55.56	8.05	67.12
Pinrang	119.5572	-3.64835	1	8.79	97.6	36.9	8.04	70.15
Sidenreng Rappang	119.8203	-3.84454	0	5.11	92.97	17.83	8.04	70.41
Sinjai	120.1127	-5.2172	1	8.8	99.79	43.64	7.79	67.68
Soppeng	119.89	-4.3842	0	7.49	93.19	25.1	7.96	70.2
Takalar	119.5	-5.41667	0	8.25	92.77	49.66	7.64	67.64
Tana Toraja	119.7426	-3.0753	1	12.18	95.86	22.98	8.52	73.72
Toraja Utara	119.8622	-2.86219	1	11.65	94.82	37.22	8.26	73.65
Wajo	120.0665	-4.02223	0	6.57	93.59	32.91	7.16	67.82



Lampiran 2. Nilai DFFITS

```
> # Menghitung nilai DFFITS
> dffits_values <- dffits(reg_logbiner)
>
> dffits_values <- as.data.frame(dffits_values)
> dffits_values
  dffits_values
1  0.1857185053
2 -0.1305697318
3  0.2866680983
4 -0.4164083339
5  0.0679789520
6 -0.1790193910
7  3.0247434093
8  1.2130369143
9 -0.0007920902
10 -0.0146410986
11 -0.2263600402
12  0.0167768272
13 -0.3898614146
14  0.0469601607
15  1.2261702034
16  0.6508073538
17  0.1599409715
18 -0.4361434196
19  0.1610492332
20 -0.6157987357
21 -1.0365035036
22  0.6970565565
23  0.0832478214
24 -1.3559881109
```



Lampiran 3. Uji Heterogenitas Spasial

```
> reg_ols=lm(PMK~melekhuruf+bpnt+RLS+UHH,data=Data)
> summary(reg_ols)
>
> #uji bp test
> bptest(reg_ols)

studentized Breusch-Pagan test

data:  reg_ols
BP = 9.5707, df = 4, p-value = 0.04831
```



Lampiran 4. Output *Bandwidth* Optimum Fungsi Pembobot Kernel *Gaussian*

```
> bw = gwr.sel(PMK~melekhuruf+bpnt+RLS+UHH,data = Data,coords =  
cbind(Data$Latitude,Data$Longitude),adapt=F, gweight = gwr.Gauss)  
Bandwidth: 1.630385 CV score: 4.574384  
Bandwidth: 2.635384 CV score: 4.400584  
Bandwidth: 3.256508 CV score: 4.369174  
Bandwidth: 3.281954 CV score: 4.368294  
Bandwidth: 3.65611 CV score: 4.357622  
Bandwidth: 3.887351 CV score: 4.352654  
Bandwidth: 4.030266 CV score: 4.350041  
Bandwidth: 4.118592 CV score: 4.348572  
Bandwidth: 4.173181 CV score: 4.347715  
Bandwidth: 4.206919 CV score: 4.347204  
Bandwidth: 4.22777 CV score: 4.346894  
Bandwidth: 4.240656 CV score: 4.346706  
Bandwidth: 4.248621 CV score: 4.34659  
Bandwidth: 4.253543 CV score: 4.346519  
Bandwidth: 4.256585 CV score: 4.346475  
Bandwidth: 4.258465 CV score: 4.346448  
Bandwidth: 4.259627 CV score: 4.346431  
Bandwidth: 4.260345 CV score: 4.346421  
Bandwidth: 4.260789 CV score: 4.346414  
Bandwidth: 4.261064 CV score: 4.34641  
Bandwidth: 4.261233 CV score: 4.346408  
Bandwidth: 4.261338 CV score: 4.346406  
Bandwidth: 4.261403 CV score: 4.346405  
Bandwidth: 4.261443 CV score: 4.346405  
Bandwidth: 4.261443 CV score: 4.346405
```



Lampiran 5. Jarak Euclidean

Kab/Kota	Bantaeng	Barru	Bone	Bulukumba	Enrekang	Gowa	Jeneponto	Kepulauan Selayar	Kota Makassar	Kota Palopo	Kota Parepare	Luwu
Bantaeng	0	1.1422	0.7740	0.2030	2.0625	0.3461	0.3492	0.7544	0.6941	2.5285	1.5291	3.3198
Barru	1.1422	0	0.5181	1.1407	1.0044	0.8788	1.1184	1.8663	0.7448	1.5417	0.4031	2.3108
Bone	0.7740	0.5181	0	0.7024	1.2985	0.6521	0.9007	1.4205	0.7524	1.7546	0.8241	2.5458
Bulukumba	0.2030	1.1407	0.7024	0	2.0002	0.4785	0.5457	0.7271	0.8238	2.4385	1.5057	3.2280
Enrekang	2.0625	1.0044	1.2985	2.0002	0	1.8564	2.1058	2.7092	1.7483	0.5607	0.6191	1.3072
Gowa	0.3461	0.8788	0.6521	0.4785	1.8564	0	0.2540	1.0940	0.3502	2.3597	1.2803	3.1465
Jeneponto	0.3492	1.1184	0.9007	0.5457	2.1058	0.2540	0	0.9917	0.4722	2.6128	1.5215	3.3989
Kepulauan Selayar	0.7544	1.8663	1.4205	0.7271	2.7092	1.0940	0.9917	0	1.4306	3.1165	2.2323	3.8987
Kota Makassar	0.6941	0.7448	0.7524	0.8238	1.7483	0.3502	0.4722	1.4306	0	2.2854	1.1364	3.0553
Kota Palopo	2.5285	1.5417	1.7546	2.4385	0.5607	2.3597	2.6128	3.1165	2.2854	0	1.1733	0.7912
Kota Parepare	1.5291	0.4031	0.8241	1.5057	0.6191	1.2803	1.5215	2.2323	1.1364	1.1733	0	1.9244
Luwu	3.3198	2.3108	2.5458	3.2280	1.3072	3.1465	3.3989	3.8987	3.0553	0.7912	1.9244	0
Luwu Timur	3.1520	2.3980	2.4276	3.0096	1.5592	3.0791	3.3282	3.5759	3.0999	1.0590	2.1020	0.9942
Luwu Utara	3.2482	2.1915	2.4770	3.1723	1.1936	3.0500	3.2993	3.8632	2.9302	0.7585	1.7938	0.2845
Maros	0.5643	0.6202	0.4833	0.6339	1.6066	0.2595	0.5002	1.3175	0.2804	2.1200	1.0227	2.9032
Pangkajene Dan Kepulauan	0.8493	0.3801	0.5130	0.9023	1.3845	0.5382	0.7585	1.6008	0.3657	1.9198	0.7773	2.6909
Pinrang	1.9251	0.7935	1.2086	1.8986	0.3755	1.6723	1.9098	2.6242	1.5055	0.9138	0.3960	1.6014
Sidenreng Rappang	1.6843	0.6159	0.9329	1.6343	0.3903	1.4678	1.7164	2.3527	1.3607	0.9292	0.2542	1.6950
Sinjai	0.3137	0.9076	0.4751	0.2347	1.7733	0.3817	0.5542	0.9618	0.6842	2.2242	1.2711	3.0152
Soppeng	1.1402	0.2457	0.4011	1.0951	0.9252	0.9377	1.1903	1.8184	0.8911	1.4229	0.4251	2.2087
Takalar	0.5299	0.9917	0.8792	0.7053	1.9944	0.2649	0.2213	1.2122	0.2766	2.5200	1.3915	3.2982
Tana Toraja	2.4574	1.3643	1.7002	2.4026	0.4081	2.2350	2.4803	3.1149	2.0965	0.4600	0.9625	1.0079
Toraja Utara	2.6594	1.5885	1.8932	2.5935	0.5972	2.4510	2.6990	3.2966	2.3265	0.3586	1.1902	0.7635
Wajo	1.4954	0.5875	0.7221	1.4175	0.5928	1.3282	1.5821	2.1192	1.2928	1.0358	0.4167	1.8264



Lampiran 5. (Lanjutan)

Kab/Kota	Luwu Timur	Luwu Utara	Maros	Pangkajene Dan Kepulauan	Pinrang	Sidenreng Rappang	Sinjai	Soppeng	Takalar	Tana Toraja	Toraja Utara	Wajo
Bantaeng	3.1520	3.2482	0.5643	0.8493	1.9251	1.6843	0.3137	1.1402	0.5299	2.4574	2.6594	1.4954
Barru	2.3980	2.1915	0.6202	0.3801	0.7935	0.6159	0.9076	0.2457	0.9917	1.3643	1.5885	0.5875
Bone	2.4276	2.4770	0.4833	0.5130	1.2086	0.9329	0.4751	0.4011	0.8792	1.7002	1.8932	0.7221
Bulukumba	3.0096	3.1723	0.6339	0.9023	1.8986	1.6343	0.2347	1.0951	0.7053	2.4026	2.5935	1.4175
Enrekang	1.5592	1.1936	1.6066	1.3845	0.3755	0.3903	1.7733	0.9252	1.9944	0.4081	0.5972	0.5928
Gowa	3.0791	3.0500	0.2595	0.5382	1.6723	1.4678	0.3817	0.9377	0.2649	2.2350	2.4510	1.3282
Jeneponto	3.3282	3.2993	0.5002	0.7585	1.9098	1.7164	0.5542	1.1903	0.2213	2.4803	2.6990	1.5821
Kepulauan Selayar	3.5759	3.8632	1.3175	1.6008	2.6242	2.3527	0.9618	1.8184	1.2122	3.1149	3.2966	2.1192
Kota Makassar	3.0999	2.9302	0.2804	0.3657	1.5055	1.3607	0.6842	0.8911	0.2766	2.0965	2.3265	1.2928
Kota Palopo	1.0590	0.7585	2.1200	1.9198	0.9138	0.9292	2.2242	1.4229	2.5200	0.4600	0.3586	1.0358
Kota Parepare	2.1020	1.7938	1.0227	0.7773	0.3960	0.2542	1.2711	0.4251	1.3915	0.9625	1.1902	0.4167
Luwu	0.9942	0.2845	2.9032	2.6909	1.6014	1.6950	3.0152	2.2087	3.2982	1.0079	0.7635	1.8264
Luwu Timur	0	1.2374	2.8788	2.7466	1.9340	1.8485	2.8393	2.2107	3.2901	1.5110	1.3384	1.8146
Luwu Utara	1.2374	0	2.7997	2.5700	1.4409	1.5830	2.9514	2.1168	3.1831	0.8388	0.6036	1.7556
Maros	2.8788	2.7997	0	0.2860	1.4134	1.2167	0.4470	0.6981	0.4116	1.9802	2.1990	1.0971
Pangkajene Dan Kepulauan	2.7466	2.5700	0.2860	0	1.1567	0.9959	0.6918	0.5365	0.6143	1.7396	1.9666	0.9339
Pinrang	1.9340	1.4409	1.4134	1.1567	0	0.3282	1.6643	0.8076	1.7692	0.6023	0.8433	0.6318
Sidenreng Rappang	1.8485	1.5830	1.2167	0.9959	0.3282	0	1.4035	0.5441	1.6044	0.7732	0.9832	0.3036
Sinjai	2.8393	2.9514	0.4470	0.6918	1.6643	1.4035	0	0.8623	0.6444	2.1736	2.3683	1.1959
Soppeng	2.2107	2.1168	0.6981	0.5365	0.8076	0.5441	0.8623	0	1.1037	1.3172	1.5223	0.4027
Takalar	3.2901	3.1831	0.4116	0.6143	1.7692	1.6044	0.6444	1.1037	0	2.3539	2.5800	1.5051
Tana Toraja	1.5110	0.8388	1.9802	1.7396	0.6023	0.7732	2.1736	1.3172	2.3539	0	0.2444	1.0008
Toraja Utara	1.3384	0.6036	2.1990	1.9666	0.8433	0.9832	2.3683	1.5223	2.5800	0.2444	0	1.1779
Wajo	1.8146	1.7556	1.0971	0.9339	0.6318	0.3036	1.1959	0.4027	1.5051	1.0008	1.1779	0



Lampiran 6. Pembobot Kernel *Gaussian*

Kab/Kota	Bantaeng	Barru	Bone	Bulukumba	Enrekang	Gowa	Jeneponto	Kepulauan Selayar	Kota Makassar	Kota Palopo	Kota Parepare	Luwu
Bantaeng	1	0.9647	0.9836	0.9989	0.8895	0.9967	0.9966	0.9845	0.9868	0.8386	0.9376	0.7383
Barru	0.9647	1	0.9926	0.9648	0.9726	0.9790	0.9661	0.9086	0.9848	0.9367	0.9955	0.8633
Bone	0.9836	0.9926	1	0.9865	0.9546	0.9884	0.9779	0.9460	0.9845	0.9187	0.9815	0.8366
Bulukumba	0.9989	0.9648	0.9865	1	0.8957	0.9937	0.9918	0.9855	0.9815	0.8490	0.9395	0.7506
Enrekang	0.8895	0.9726	0.9546	0.8957	1	0.9095	0.8851	0.8170	0.9193	0.9914	0.9895	0.9540
Gowa	0.9967	0.9790	0.9884	0.9937	0.9095	1	0.9982	0.9676	0.9966	0.8579	0.9559	0.7614
Jeneponto	0.9966	0.9661	0.9779	0.9918	0.8851	0.9982	1	0.9733	0.9939	0.8286	0.9383	0.7275
Kepulauan Selayar	0.9845	0.9086	0.9460	0.9855	0.8170	0.9676	0.9733	1	0.9452	0.7653	0.8718	0.6580
Kota Makassar	0.9868	0.9848	0.9845	0.9815	0.9193	0.9966	0.9939	0.9452	1	0.8661	0.9651	0.7734
Kota Palopo	0.8386	0.9367	0.9187	0.8490	0.9914	0.8579	0.8286	0.7653	0.8661	1	0.9628	0.9829
Kota Parepare	0.9376	0.9955	0.9815	0.9395	0.9895	0.9559	0.9383	0.8718	0.9651	0.9628	1	0.9031
Luwu	0.7383	0.8633	0.8366	0.7506	0.9540	0.7614	0.7275	0.6580	0.7734	0.9829	0.9031	1
Luwu Timur	0.7607	0.8536	0.8502	0.7793	0.9353	0.7702	0.7371	0.7032	0.7675	0.9696	0.8855	0.9732
Luwu Utara	0.7479	0.8761	0.8446	0.7580	0.9615	0.7740	0.7410	0.6630	0.7895	0.9843	0.9152	0.9978
Maros	0.9913	0.9895	0.9936	0.9890	0.9314	0.9981	0.9931	0.9533	0.9978	0.8836	0.9716	0.7929
Pangkajene Dan Kepulauan	0.9803	0.9960	0.9928	0.9778	0.9486	0.9921	0.9843	0.9319	0.9963	0.9035	0.9835	0.8193
Pinrang	0.9030	0.9828	0.9606	0.9055	0.9961	0.9259	0.9045	0.8273	0.9395	0.9773	0.9957	0.9318
Sidenreng Rappang	0.9249	0.9896	0.9763	0.9291	0.9958	0.9424	0.9221	0.8586	0.9503	0.9765	0.9982	0.9239
Sinjai	0.9973	0.9776	0.9938	0.9985	0.9171	0.9960	0.9916	0.9749	0.9872	0.8727	0.9565	0.7786
Soppeng	0.9648	0.9983	0.9956	0.9675	0.9767	0.9761	0.9617	0.9130	0.9784	0.9458	0.9950	0.8743
Takalar	0.9923	0.9733	0.9789	0.9864	0.8963	0.9981	0.9987	0.9604	0.9979	0.8396	0.9481	0.7412
Tana Toraja	0.8468	0.9500	0.9235	0.8531	0.9954	0.8715	0.8442	0.7656	0.8860	0.9942	0.9748	0.9724
Toraja Utara	0.8231	0.9329	0.9060	0.8309	0.9902	0.8476	0.8183	0.7414	0.8615	0.9965	0.9618	0.9841
Wajo	0.9403	0.9905	0.9857	0.9462	0.9904	0.9526	0.9334	0.8837	0.9550	0.9709	0.9952	0.9123



Lampiran 6. (Lanjutan)

Kab/Kota	Luwu Timur	Luwu Utara	Maros	Pangkajene Dan Kepulauan	Pinrang	Sidenreng Rappang	Sinjai	Soppeng	Takalar	Tana Toraja	Toraja Utara	Wajo
Bantaeng	0.7607	0.7479	0.9913	0.9803	0.9030	0.9249	0.9973	0.9648	0.9923	0.8468	0.8231	0.9403
Barru	0.8536	0.8761	0.9895	0.9960	0.9828	0.9896	0.9776	0.9983	0.9733	0.9500	0.9329	0.9905
Bone	0.8502	0.8446	0.9936	0.9928	0.9606	0.9763	0.9938	0.9956	0.9789	0.9235	0.9060	0.9857
Bulukumba	0.7793	0.7580	0.9890	0.9778	0.9055	0.9291	0.9985	0.9675	0.9864	0.8531	0.8309	0.9462
Enrekang	0.9353	0.9615	0.9314	0.9486	0.9961	0.9958	0.9171	0.9767	0.8963	0.9954	0.9902	0.9904
Gowa	0.7702	0.7740	0.9981	0.9921	0.9259	0.9424	0.9960	0.9761	0.9981	0.8715	0.8476	0.9526
Jeneponto	0.7371	0.7410	0.9931	0.9843	0.9045	0.9221	0.9916	0.9617	0.9987	0.8442	0.8183	0.9334
Kepulauan Selayar	0.7032	0.6630	0.9533	0.9319	0.8273	0.8586	0.9749	0.9130	0.9604	0.7656	0.7414	0.8837
Kota Makassar	0.7675	0.7895	0.9978	0.9963	0.9395	0.9503	0.9872	0.9784	0.9979	0.8860	0.8615	0.9550
Kota Palopo	0.9696	0.9843	0.8836	0.9035	0.9773	0.9765	0.8727	0.9458	0.8396	0.9942	0.9965	0.9709
Kota Parepare	0.8855	0.9152	0.9716	0.9835	0.9957	0.9982	0.9565	0.9950	0.9481	0.9748	0.9618	0.9952
Luwu	0.9732	0.9978	0.7929	0.8193	0.9318	0.9239	0.7786	0.8743	0.7412	0.9724	0.9841	0.9123
Luwu Timur	1	0.9587	0.7960	0.8124	0.9021	0.9102	0.8010	0.8741	0.7423	0.9391	0.9519	0.9133
Luwu Utara	0.9587	1	0.8059	0.8337	0.9444	0.9333	0.7868	0.8839	0.7566	0.9808	0.9900	0.9186
Maros	0.7960	0.8059	1	0.9978	0.9465	0.9601	0.9945	0.9867	0.9953	0.8977	0.8753	0.9674
Pangkajene Dan Kepulauan	0.8124	0.8337	0.9978	1	0.9638	0.9731	0.9869	0.9921	0.9897	0.9201	0.8990	0.9763
Pinrang	0.9021	0.9444	0.9465	0.9638	1	0.9970	0.9266	0.9822	0.9174	0.9901	0.9806	0.9891
Sidenreng Rappang	0.9102	0.9333	0.9601	0.9731	0.9970	1	0.9472	0.9919	0.9316	0.9837	0.9737	0.9975
Sinjai	0.8010	0.7868	0.9945	0.9869	0.9266	0.9472	1	0.9797	0.9886	0.8780	0.8569	0.9614
Soppeng	0.8741	0.8839	0.9867	0.9921	0.9822	0.9919	0.9797	1	0.9670	0.9534	0.9382	0.9955
Takalar	0.7423	0.7566	0.9953	0.9897	0.9174	0.9316	0.9886	0.9670	1	0.8585	0.8325	0.9395
Tana Toraja	0.9391	0.9808	0.8977	0.9201	0.9901	0.9837	0.8780	0.9534	0.8585	1	0.9984	0.9728
Toraja Utara	0.9519	0.9900	0.8753	0.8990	0.9806	0.9737	0.8569	0.9382	0.8325	0.9984	1	0.9625
Wajo	0.9133	0.9186	0.9674	0.9763	0.9891	0.9975	0.9614	0.9955	0.9395	0.9728	0.9625	1



Lampiran 7. Pembobot Andrew

Kabupaten/Kota	Bantaeng	Barru	Bone	Bulukumba	Enrekang	Gowa	Jeneponto	Kepulauan Selayar	Kota Makassar	Kota Palopo	Kota Parepare	Luwu
Bantaeng	0.9724	0	0	0	0	0	0	0	0	0	0	0
Barru	0	0.9967	0	0	0	0	0	0	0	0	0	0
Bone	0	0	0.9412	0	0	0	0	0	0	0	0	0
Bulukumba	0	0	0	0.8834	0	0	0	0	0	0	0	0
Enrekang	0	0	0	0	0.999974	0	0	0	0	0	0	0
Gowa	0	0	0	0	0	0.9905	0	0	0	0	0	0
Jeneponto	0	0	0	0	0	0	0.8152	0	0	0	0	0
Kepulauan Selayar	0	0	0	0	0	0	0	0.9163	0	0	0	0
Kota Makassar	0	0	0	0	0	0	0	0	0.9336	0	0	0
Kota Palopo	0	0	0	0	0	0	0	0	0	0.9986	0	0
Kota Parepare	0	0	0	0	0	0	0	0	0	0	0.9629	0
Luwu	0	0	0	0	0	0	0	0	0	0	0	0.9831
Luwu Timur	0	0	0	0	0	0	0	0	0	0	0	0
Luwu Utara	0	0	0	0	0	0	0	0	0	0	0	0
Maros	0	0	0	0	0	0	0	0	0	0	0	0
Pangkajene Dan Kepulauan	0	0	0	0	0	0	0	0	0	0	0	0
Pinrang	0	0	0	0	0	0	0	0	0	0	0	0
Sidenreng Rappang	0	0	0	0	0	0	0	0	0	0	0	0
Sinjai	0	0	0	0	0	0	0	0	0	0	0	0
Soppeng	0	0	0	0	0	0	0	0	0	0	0	0
Takalar	0	0	0	0	0	0	0	0	0	0	0	0
Tana Toraja	0	0	0	0	0	0	0	0	0	0	0	0
Toraja Utara	0	0	0	0	0	0	0	0	0	0	0	0
Wajo	0	0	0	0	0	0	0	0	0	0	0	0



Lampiran 7. Lanjutan

Kabupaten/Kota	Luwu Timur	Luwu Utara	Maros	Pangkajene Dan Kepulauan	Pinrang	Sidenreng Rappang	Sinjai	Soppeng	Takalar	Tana Toraja	Toraja Utara	Wajo
Bantaeng	0	0	0	0	0	0	0	0	0	0	0	0
Barru	0	0	0	0	0	0	0	0	0	0	0	0
Bone	0	0	0	0	0	0	0	0	0	0	0	0
Bulukumba	0	0	0	0	0	0	0	0	0	0	0	0
Enrekang	0	0	0	0	0	0	0	0	0	0	0	0
Gowa	0	0	0	0	0	0	0	0	0	0	0	0
Jeneponto	0	0	0	0	0	0	0	0	0	0	0	0
Kepulauan Selayar	0	0	0	0	0	0	0	0	0	0	0	0
Kota Makassar	0	0	0	0	0	0	0	0	0	0	0	0
Kota Palopo	0	0	0	0	0	0	0	0	0	0	0	0
Kota Parepare	0	0	0	0	0	0	0	0	0	0	0	0
Luwu	0	0	0	0	0	0	0	0	0	0	0	0
Luwu Timur	0.9234	0	0	0	0	0	0	0	0	0	0	0
Luwu Utara	0	0.99975	0	0	0	0	0	0	0	0	0	0
Maros	0	0	0.7042	0	0	0	0	0	0	0	0	0
Pangkajene Dan Kepulauan	0	0	0	0.9533	0	0	0	0	0	0	0	0
Pinrang	0	0	0	0	0.98096	0	0	0	0	0	0	0
Sidenreng Rappang	0	0	0	0	0	0.9182	0	0	0	0	0	0
Sinjai	0	0	0	0	0	0	0.9928	0	0	0	0	0
Soppeng	0	0	0	0	0	0	0	0.8645	0	0	0	0
Takalar	0	0	0	0	0	0	0	0	0.7854	0	0	0
Tana Toraja	0	0	0	0	0	0	0	0	0	0.9594	0	0
Toraja Utara	0	0	0	0	0	0	0	0	0	0	0.996979	0
Wajo	0	0	0	0	0	0	0	0	0	0	0	0.7758



Lampiran 8. Hasil Estimasi Parameter GWR

Kabupaten/Kota	$\hat{\beta}_{WLS}$				
	<i>Intercept</i>	x_1	x_2	x_3	x_4
Bantaeng	-9.1905	0.0592	0.0113	-0.3177	0.0910
Barru	-9.3468	0.0591	0.0115	-0.3177	0.0932
Bone	-9.3048	0.0592	0.0115	-0.3179	0.0926
Bulukumba	-9.2048	0.0593	0.0113	-0.3179	0.0912
Enrekang	-9.4960	0.0591	0.0117	-0.3183	0.0952
Gowa	-9.2179	0.0592	0.0113	-0.3175	0.0915
Jeneponto	-9.1811	0.0592	0.0113	-0.3174	0.0910
Kepulauan Selayar	-9.1119	0.0593	0.0112	-0.3180	0.0899
Kota Makassar	-9.2385	0.0591	0.0113	-0.3173	0.0918
Kota Palopo	-9.5690	0.0591	0.0118	-0.3187	0.0962
Kota Parepare	-9.4073	0.0591	0.0116	-0.3179	0.0941
Luwu	-9.6908	0.0591	0.0120	-0.3191	0.0979
Luwu Timur	-9.6384	0.0593	0.0120	-0.3196	0.0970
Luwu Utara	-9.6792	0.0591	0.0120	-0.3189	0.0978
Maros	-9.2551	0.0591	0.0114	-0.3176	0.0920
Pangkajene Dan Kepulauan	-9.2909	0.0591	0.0114	-0.3175	0.0925
Pinrang	-9.4647	0.0591	0.0117	-0.3180	0.0949
Sidenreng Rappang	-9.4372	0.0591	0.0116	-0.3181	0.0944
Sinjai	-9.2355	0.0592	0.0114	-0.3179	0.0916
Soppeng	-9.3568	0.0592	0.0115	-0.3179	0.0933
Takalar	-9.1995	0.0591	0.0113	-0.3173	0.0913
Tana Toraja	-9.5534	0.0591	0.0118	-0.3183	0.0961
Toraja Utara	-9.5869	0.0591	0.0118	-0.3185	0.0965
Wajo	-9.4125	0.0592	0.0116	-0.3182	0.0940



Lampiran 9. Hasil Estimasi Parameter GWBLR

Kab/Kota	$\hat{\beta}_{MLE}$				
	<i>Intercept</i>	x_1	x_2	x_3	x_4
Bantaeng	-80.6498	0.4293	0.1082	-3.0018	0.8742
Barru	-82.9616	0.4313	0.1130	-3.0044	0.9023
Bone	-82.3968	0.4319	0.1118	-3.0066	0.8943
Bulukumba	-80.8973	0.4303	0.1087	-3.0043	0.8765
Enrekang	-85.2422	0.4354	0.1178	-3.0171	0.9284
Gowa	-81.0229	0.4289	0.1090	-2.9997	0.8795
Jeneponto	-80.4533	0.4278	0.1078	-2.9979	0.8731
Kepulauan Selayar	-80.3475	0.4317	0.1066	-3.0212	0.8698
Kota Makassar	-81.2874	0.4282	0.1096	-2.9971	0.8836
Kota Palopo	-86.3847	0.4381	0.1201	-3.0269	0.9409
Kota Parepare	-83.8732	0.4326	0.1149	-3.0081	0.9130
Luwu	-88.1803	0.4410	0.1239	-3.0397	0.9622
Luwu Timur	-87.597	0.4433	0.1226	-3.0454	0.9520
Luwu Utara	-87.9582	0.4397	0.1234	-3.0353	0.9604
Maros	-81.5817	0.4295	0.1102	-3.0005	0.8861
Pangkajene Dan Kepulauan	-82.1008	0.4298	0.1112	-3.0005	0.8926
Pinrang	-84.7173	0.4336	0.1167	-3.0112	0.9233
Sidenreng Rappang	-84.3517	0.4339	0.1159	-3.0120	0.9181
Sinjai	-81.3501	0.4306	0.1096	-3.0042	0.8820
Soppeng	-83.1534	0.4324	0.1134	-3.0075	0.9038
Takalar	-80.7067	0.4276	0.1084	-2.9966	0.8766
Tana Toraja	-86.0701	0.4362	0.1195	-3.0205	0.9387
Toraja Utara	-86.5869	0.4373	0.1206	-3.0248	0.9444
Wajo	-84.0245	0.4342	0.1152	-3.0129	0.9134



Lampiran 10. Hasil Pengujian Pendugaan Parameter Secara Parsial GWBLR

Kabupaten/Kota	Uji Wald					$Z_{\frac{0.05}{2}}$
	<i>Intercept</i>	x_1	x_2	x_3	x_4	
Bantaeng	-3102.11	2.4605	2.0771	-2.2436	3.7320	1.96
Barru	-3292.41	2.4753	2.1624	-2.3113	3.8454	
Bone	-3302.41	2.293	2.0224	-2.1481	3.5463	
Bulukumba	-3118.44	2.4645	2.0836	-2.2496	3.7376	
Enrekang	-3377.79	2.4295	2.1797	-2.3152	3.8363	
Gowa	-3144.89	2.4671	2.0990	-2.2613	3.7663	
Jeneponto	-3089.86	2.4530	2.0725	-2.2379	3.7299	
Kepulauan Selayar	-2973.58	2.4172	2.0047	-2.1736	3.6328	
Kota Makassar	-3167.38	2.4629	2.1092	-2.2674	3.7822	
Kota Palopo	-3379.11	2.3838	2.1625	-2.2928	3.7858	
Kota Parepare	-3337.67	2.4623	2.1763	-2.3192	3.8546	
Luwu	-3335.43	2.2750	2.1077	-2.2269	3.6643	
Luwu Timur	-3294.7	2.2936	2.0912	-2.2192	3.6355	
Luwu Utara	-3346.73	2.2860	2.1178	-2.2365	3.6874	
Maros	-3194.57	2.4745	2.1221	-2.2805	3.7977	
Pangkajene Dan Kepulauan	-3234.65	2.4744	2.1394	-2.2933	3.8204	
Pinrang	-3363.19	2.4368	2.1787	-2.3151	3.8458	
Sidenreng Rappang	-3356.48	2.4562	2.1805	-2.3216	3.8527	
Sinjai	-3165.15	2.4743	2.1066	-2.2693	3.7712	
Soppeng	3302.95	2.4791	2.1660	-2.3155	3.8466	
Takalar	-3114.92	2.4549	2.0847	-2.2472	3.7483	
Tana Toraja	-3382.26	2.3901	2.1691	-2.2982	3.8062	
Toraja Utara	-3380.23	2.3675	2.1598	-2.2864	3.7811	
Wajo	-3341.62	2.4677	2.1765	-2.3215	3.8488	

Keterangan: Warna kuning menandakan variabel tersebut signifikan pada lokasi tersebut



Lampiran 11. Model Geographically Weighted Binary Logistic Regression

Kabupaten Bantaeng:

$$\pi(x_1) = \frac{\exp(-80.6498 + 0.4293x_1 + 0.1082x_2 - 3.0018x_3 + 0.8742x_4)}{1 + \exp(-80.6498 + 0.4293x_1 + 0.1082x_2 - 3.0018x_3 + 0.8742x_4)}$$

Kabupaten Barru:

$$\pi(x_2) = \frac{\exp(-82.9616 + 0.4313x_1 + 0.113x_2 - 3.0044x_3 + 0.9023x_4)}{1 + \exp(-82.9616 + 0.4313x_1 + 0.113x_2 - 3.0044x_3 + 0.9023x_4)}$$

Kabupaten Bone:

$$\pi(x_3) = \frac{\exp(-82.3968 + 0.4319x_1 + 0.1118x_2 - 3.0066x_3 + 0.8943x_4)}{1 + \exp(-82.3968 + 0.4319x_1 + 0.1118x_2 - 3.0066x_3 + 0.8943x_4)}$$

Kabupaten Bulukumba:

$$\pi(x_4) = \frac{\exp(-80.8973 + 0.4303x_1 + 0.1087x_2 - 3.0043x_3 + 0.8765x_4)}{1 + \exp(-80.8973 + 0.4303x_1 + 0.1087x_2 - 3.0043x_3 + 0.8765x_4)}$$

Kabupaten Enrekang:

$$\pi(x_5) = \frac{\exp(-85.2422 + 0.4354x_1 + 0.1178x_2 - 3.0171x_3 + 0.9284x_4)}{1 + \exp(-85.2422 + 0.4354x_1 + 0.1178x_2 - 3.0171x_3 + 0.9284x_4)}$$

Kabupaten Gowa:

$$\pi(x_6) = \frac{\exp(-81.0229 + 0.4289x_1 + 0.109x_2 - 2.9997x_3 + 0.8795x_4)}{1 + \exp(-81.0229 + 0.4289x_1 + 0.109x_2 - 2.9997x_3 + 0.8795x_4)}$$

Kabupaten Jeneponto:

$$\pi(x_7) = \frac{\exp(-80.4533 + 0.4278x_1 + 0.1078x_2 - 2.9979x_3 + 0.8731x_4)}{1 + \exp(-80.4533 + 0.4278x_1 + 0.1078x_2 - 2.9979x_3 + 0.8731x_4)}$$

Kepulauan Selayar:

$$\pi(x_8) = \frac{\exp(-80.3475 + 0.4317x_1 + 0.1066x_2 - 3.0212x_3 + 0.8698x_4)}{1 + \exp(-80.3475 + 0.4317x_1 + 0.1066x_2 - 3.0212x_3 + 0.8698x_4)}$$

Kota Makassar:

$$\pi(x_9) = \frac{\exp(-81.2874 + 0.4282x_1 + 0.1096x_2 - 2.997x_3 + 0.8836x_4)}{1 + \exp(-81.2874 + 0.4282x_1 + 0.1096x_2 - 2.997x_3 + 0.8836x_4)}$$

Kota Palopo:

$$\pi(x_{10}) = \frac{\exp(-86.3847 + 0.4381x_1 + 0.1201x_2 - 3.0269x_3 + 0.9409x_4)}{1 + \exp(-86.3847 + 0.4381x_1 + 0.1201x_2 - 3.0269x_3 + 0.9409x_4)}$$

Kota Parepare:

$$\pi(x_{11}) = \frac{\exp(-83.8732 + 0.4326x_1 + 0.1149x_2 - 3.0081x_3 + 0.913x_4)}{1 + \exp(-83.8732 + 0.4326x_1 + 0.1149x_2 - 3.0081x_3 + 0.913x_4)}$$

Kabupaten Luwu:

$$\pi(x_{12}) = \frac{\exp(-88.1803 + 0.441x_1 + 0.1239x_2 - 3.0397x_3 + 0.9622x_4)}{1 + \exp(-88.1803 + 0.441x_1 + 0.1239x_2 - 3.0397x_3 + 0.9622x_4)}$$



Lampiran 11. (Lanjutan)

Kabupaten Luwu Timur:

$$\pi(x_{13.}) = \frac{\exp(-87.597+0.4433x_1+0.1226x_2-3.0454x_3+0.952x_4)}{1+\exp(-87.597+0.4433x_1+0.1226x_2-3.0454x_3+0.952x_4)}$$

Kabupaten Luwu Utara:

$$\pi(x_{14.}) = \frac{\exp(-87.9582+0.4397x_1+0.1234x_2-3.0353x_3+0.9604x_4)}{1+\exp(-87.9582+0.4397x_1+0.1234x_2-3.0353x_3+0.9604x_4)}$$

Kabupaten Maros:

$$\pi(x_{15.}) = \frac{\exp(-81.5817+0.4295x_1+0.1102x_2-3.0005x_3+0.8861x_4)}{1+\exp(-81.5817+0.4295x_1+0.1102x_2-3.0005x_3+0.8861x_4)}$$

Kabupaten Pangkajene Dan Kepulauan:

$$\pi(x_{16.}) = \frac{\exp(-82.1008+0.4298x_1+0.1112x_2-3.0005x_3+0.8926x_4)}{1+\exp(-82.1008+0.4298x_1+0.1112x_2-3.0005x_3+0.8926x_4)}$$

Kabupaten Pinrang:

$$\pi(x_{17.}) = \frac{\exp(-84.7173+0.4336x_1+0.1167x_2-3.0112x_3+0.9233x_4)}{1+\exp(-84.7173+0.4336x_1+0.1167x_2-3.0112x_3+0.9233x_4)}$$

Kabupaten Sidenreng Rappang:

$$\pi(x_{18.}) = \frac{\exp(-84.3517+0.4339x_1+0.1159x_2-3.012x_3+0.9181x_4)}{1+\exp(-84.3517+0.4339x_1+0.1159x_2-3.012x_3+0.9181x_4)}$$

Kabupaten Sinjai:

$$\pi(x_{19.}) = \frac{\exp(-81.3501+0.4306x_1+0.1096x_2-3.0042x_3+0.882x_4)}{1+\exp(-81.3501+0.4306x_1+0.1096x_2-3.0042x_3+0.882x_4)}$$

Kabupaten Soppeng:

$$\pi(x_{20.}) = \frac{\exp(-83.1534+0.4324x_1+0.1134x_2-3.0075x_3+0.9038x_4)}{1+\exp(-83.1534+0.4324x_1+0.1134x_2-3.0075x_3+0.9038x_4)}$$

Kabupaten Takalar:

$$\pi(x_{21.}) = \frac{\exp(-80.7067+0.4276x_1+0.1084x_2-2.9966x_3+0.8766x_4)}{1+\exp(-80.7067+0.4276x_1+0.1084x_2-2.9966x_3+0.8766x_4)}$$

Kabupaten Tana Toraja:

$$\pi(x_{22.}) = \frac{\exp(-86.0701+0.4362x_1+0.1195x_2-3.0205x_3+0.9387x_4)}{1+\exp(-86.0701+0.4362x_1+0.1195x_2-3.0205x_3+0.9387x_4)}$$

Kabupaten Toraja Utara:

$$\pi(x_{23.}) = \frac{\exp(-86.5869+0.4373x_1+0.1206x_2-3.0248x_3+0.9444x_4)}{1+\exp(-86.5869+0.4373x_1+0.1206x_2-3.0248x_3+0.9444x_4)}$$

Kabupaten Wajo:

$$\pi(x_{24.}) = \frac{\exp(-84.0245+0.4342x_1+0.1152x_2-3.0129x_3+0.9134x_4)}{1+\exp(-84.0245+0.4342x_1+0.1152x_2-3.0129x_3+0.9134x_4)}$$



Lampiran 11. (Lanjutan)**Model Transformasi Logitnya:**

Kabupaten Bantaeng:

$$g(x_{1.}) = \ln\left(\frac{\pi(x_{1.})}{1-\pi(x_{1.})}\right) = -80.6498 + 0.4293x_1 + 0.1082x_2 - 3.0018x_3 + 0.8742x_4$$

Kabupaten Barru:

$$g(x_{2.}) = \ln\left(\frac{\pi(x_{2.})}{1-\pi(x_{2.})}\right) = -82.9616 + 0.4313x_1 + 0.113x_2 - 3.0044x_3 + 0.9023x_4$$

Kabupaten Bone:

$$g(x_{3.}) = \ln\left(\frac{\pi(x_{3.})}{1-\pi(x_{3.})}\right) = -82.3968 + 0.4319x_1 + 0.1118x_2 - 3.0066x_3 + 0.8943x_4$$

Kabupaten Bulukumba:

$$g(x_{4.}) = \ln\left(\frac{\pi(x_{4.})}{1-\pi(x_{4.})}\right) = -80.8973 + 0.4303x_1 + 0.1087x_2 - 3.0043x_3 + 0.8765x_4$$

Kabupaten Enrekang:

$$g(x_{5.}) = \ln\left(\frac{\pi(x_{5.})}{1-\pi(x_{5.})}\right) = -85.2422 + 0.4354x_1 + 0.1178x_2 - 3.0171x_3 + 0.9284x_4$$

Kabupaten Gowa:

$$g(x_{6.}) = \ln\left(\frac{\pi(x_{6.})}{1-\pi(x_{6.})}\right) = -81.0229 + 0.4289x_1 + 0.109x_2 - 2.9997x_3 + 0.8795x_4$$

Kabupaten Jeneponto:

$$g(x_{7.}) = \ln\left(\frac{\pi(x_{7.})}{1-\pi(x_{7.})}\right) = -80.4533 + 0.4278x_1 + 0.1078x_2 - 2.9979x_3 + 0.8731x_4$$

Kepulauan Selayar:

$$g(x_{8.}) = \ln\left(\frac{\pi(x_{8.})}{1-\pi(x_{8.})}\right) = -80.3475 + 0.4317x_1 + 0.1066x_2 - 3.0212x_3 + 0.8698x_4$$

Kota Makassar:

$$g(x_{9.}) = \ln\left(\frac{\pi(x_{9.})}{1-\pi(x_{9.})}\right) = -81.2874 + 0.4282x_1 + 0.1096x_2 - 2.997x_3 + 0.8836x_4$$

Kota Palopo:

$$g(x_{10.}) = \ln\left(\frac{\pi(x_{10.})}{1-\pi(x_{10.})}\right) = -86.3847 + 0.4381x_1 + 0.1201x_2 - 3.0269x_3 + 0.9409x_4$$

Kota Parepare:

$$g(x_{11.}) = \ln\left(\frac{\pi(x_{11.})}{1-\pi(x_{11.})}\right) = -83.8732 + 0.4326x_1 + 0.1149x_2 - 3.0081x_3 + 0.913x_4$$

Kabupaten Luwu:

$$g(x_{12.}) = \ln\left(\frac{\pi(x_{12.})}{1-\pi(x_{12.})}\right) = -88.1803 + 0.441x_1 + 0.1239x_2 - 3.0397x_3 + 0.9622x_4$$

Kabupaten Luwu Timur:

$$g(x_{13.}) = \ln\left(\frac{\pi(x_{13.})}{1-\pi(x_{13.})}\right) = -87.597 + 0.4433x_1 + 0.1226x_2 - 3.0454x_3 + 0.952x_4$$



Lampiran 11. (Lanjutan)

Kabupaten Luwu Utara:

$$g(x_{14.}) = \ln \left(\frac{\pi(x_{14.})}{1-\pi(x_{14.})} \right) = -87.9582 + 0.4397x_1 + 0.1234x_2 - 3.0353x_3 + 0.9604x_4$$

Kabupaten Maros:

$$g(x_{15.}) = \ln \left(\frac{\pi(x_{15.})}{1-\pi(x_{15.})} \right) = -81.5817 + 0.4295x_1 + 0.1102x_2 - 3.0005x_3 + 0.8861x_4$$

Kabupaten Pangkajene Dan Kepulauan:

$$g(x_{16.}) = \ln \left(\frac{\pi(x_{16.})}{1-\pi(x_{16.})} \right) = -82.1008 + 0.4298x_1 + 0.1112x_2 - 3.0005x_3 + 0.8926x_4$$

Kabupaten Pinrang:

$$g(x_{17.}) = \ln \left(\frac{\pi(x_{17.})}{1-\pi(x_{17.})} \right) = -84.7173 + 0.4336x_1 + 0.1167x_2 - 3.0112x_3 + 0.9233x_4$$

Kabupaten Sidenreng Rappang:

$$g(x_{18.}) = \ln \left(\frac{\pi(x_{18.})}{1-\pi(x_{18.})} \right) = -84.3517 + 0.4339x_1 + 0.1159x_2 - 3.012x_3 + 0.9181x_4$$

Kabupaten Sinjai:

$$g(x_{19.}) = \ln \left(\frac{\pi(x_{19.})}{1-\pi(x_{19.})} \right) = -81.3501 + 0.4306x_1 + 0.1096x_2 - 3.0042x_3 + 0.882x_4$$

Kabupaten Soppeng:

$$g(x_{20.}) = \ln \left(\frac{\pi(x_{20.})}{1-\pi(x_{20.})} \right) = -83.1534 + 0.4324x_1 + 0.1134x_2 - 3.0075x_3 + 0.9038x_4$$

Kabupaten Takalar:

$$g(x_{21.}) = \ln \left(\frac{\pi(x_{21.})}{1-\pi(x_{21.})} \right) = -80.7067 + 0.4276x_1 + 0.1084x_2 - 2.9966x_3 + 0.8766x_4$$

Kabupaten Tana Toraja:

$$g(x_{22.}) = \ln \left(\frac{\pi(x_{22.})}{1-\pi(x_{22.})} \right) = -86.0701 + 0.4362x_1 + 0.1195x_2 - 3.0205x_3 + 0.9387x_4$$

Kabupaten Toraja Utara:

$$g(x_{23.}) = \ln \left(\frac{\pi(x_{23.})}{1-\pi(x_{23.})} \right) = -86.5869 + 0.4373x_1 + 0.1206x_2 - 3.0248x_3 + 0.9444x_4$$

Kabupaten Wajo:

$$g(x_{24.}) = \ln \left(\frac{\pi(x_{24.})}{1-\pi(x_{24.})} \right) = -84.0245 + 0.4342x_1 + 0.1152x_2 - 3.0129x_3 + 0.9134x_4$$



Lampiran 12. Hasil Estimasi Parameter RGWBLR

Kab/Kota	$\hat{\beta}_M$				
	<i>Intercept</i>	x_1	x_2	x_3	x_4
Bantaeng	-9.3818	0.0618	0.0114	-0.3239	0.0910
Barru	-9.5214	0.0616	0.0115	-0.3238	0.0930
Bone	-9.4816	0.0617	0.0115	-0.3241	0.0924
Bulukumba	-9.3931	0.0618	0.0114	-0.3241	0.0911
Enrekang	-9.6545	0.0615	0.0117	-0.3242	0.0949
Gowa	-9.4068	0.0617	0.0114	-0.3237	0.0914
Jeneponto	-9.3914	0.0619	0.0113	-0.3237	0.0911
Kepulauan Selayar	-9.3104	0.062	0.0113	-0.3243	0.0899
Kota Makassar	-9.4265	0.0617	0.0114	-0.3237	0.0917
Kota Palopo	-9.7199	0.0615	0.0118	-0.3246	0.0958
Kota Parepare	-9.5752	0.0616	0.0116	-0.3239	0.0938
Luwu	-9.8316	0.0615	0.0119	-0.3249	0.0975
Luwu Timur	-9.781	0.0616	0.0119	-0.3254	0.0966
Luwu Utara	-9.8201	0.0614	0.0119	-0.3247	0.0973
Maros	-9.4437	0.0617	0.0114	-0.3237	0.0919
Pangkajene Dan Kepulauan	-9.4706	0.0617	0.0115	-0.3236	0.0923
Pinrang	-9.6274	0.0615	0.0117	-0.324	0.0946
Sidenreng Rappang	-9.6019	0.0616	0.0117	-0.3241	0.0942
Sinjai	-9.4213	0.0618	0.0114	-0.324	0.0915
Soppeng	-9.5297	0.0617	0.0116	-0.324	0.0931
Takalar	-9.389	0.0617	0.0114	-0.3235	0.0912
Tana Toraja	-9.7072	0.0615	0.0118	-0.3243	0.0957
Toraja Utara	-9.7366	0.0615	0.0118	-0.3244	0.0961
Wajo	-9.5737	0.0617	0.0116	-0.3243	0.0937



Lampiran 13. Hasil Pengujian Pendugaan Parameter Secara Parsial RGWBLR

Kabupaten/Kota	Uji Wald					$Z_{\frac{0.05}{2}}$
	<i>Intercept</i>	x_1	x_2	x_3	x_4	
Bantaeng	-2.4048	2.8865	1.8122	-3.5417	1.7168	1.96
Barru	-2.4411	2.8806	1.8415	-3.5470	1.7575	
Bone	-2.4314	2.8856	1.8370	-3.5494	1.7455	
Bulukumba	-2.4080	2.8881	1.8166	-3.5447	1.7196	
Enrekang	-2.4714	2.8725	1.8666	-3.5462	1.7904	
Gowa	-2.4116	2.8845	1.8164	-3.5417	1.7251	
Jeneponto	-2.4070	2.8882	1.8052	-3.5386	1.7181	
Kepulauan Selayar	-2.3840	2.8907	1.7943	-3.5383	1.6923	
Kota Makassar	-2.4169	2.8815	1.8198	-3.5421	1.7322	
Kota Palopo	-2.4848	2.8676	1.8781	-3.5432	1.8047	
Kota Parepare	-2.4538	2.8773	1.8517	-3.5473	1.7716	
Luwu	-2.5059	2.8518	1.8899	-3.5303	1.8282	
Luwu Timur	-2.4964	2.8665	1.8937	-3.5406	1.8153	
Luwu Utara	-2.5038	2.8511	1.8861	-3.5306	1.8266	
Maros	-2.4215	2.8839	1.8256	-3.5437	1.7356	
Pangkajene Dan Kepulauan	-2.4285	2.8817	1.8304	-3.5443	1.7440	
Pinrang	-2.4655	2.8727	1.8594	-3.5455	1.7847	
Sidenreng Rappang	-2.4599	2.8768	1.8580	-3.5479	1.7778	
Sinjai	-2.4157	2.8874	1.8230	-3.5462	1.7281	
Soppeng	-2.4432	2.8820	1.8453	-3.5490	1.7591	
Takalar	-2.4067	2.8820	1.8107	-3.5377	1.7209	
Tana Toraja	-2.4823	2.8657	1.8723	-3.5419	1.8030	
Toraja Utara	-2.4881	2.8627	1.8770	-3.5398	1.8092	
Wajo	-2.4535	2.8809	1.8547	-3.5512	1.7700	

Keterangan: Warna kuning menandakan variabel tersebut signifikan pada lokasi tersebut



Lampiran 14. Model Robust Geographically Weighted Binary Logistic Regression

Kabupaten Bantaeng:

$$\pi(x_1) = \frac{\exp(-9.38175 + 0.0618x_1 - 0.3239x_3)}{1 + \exp(-9.38175 + 0.0618x_1 - 0.3239x_3)}$$

Kabupaten Barru:

$$\pi(x_2) = \frac{\exp(-9.5214 + 0.0616x_1 - 0.3238x_3)}{1 + \exp(-9.5214 + 0.0616x_1 - 0.3238x_3)}$$

Kabupaten Bone:

$$\pi(x_3) = \frac{\exp(-9.4816 + 0.0617x_1 - 0.324x_3)}{1 + \exp(-9.4816 + 0.0617x_1 - 0.324x_3)}$$

Kabupaten Bulukumba:

$$\pi(x_4) = \frac{\exp(-9.3931 + 0.0618x_1 - 0.3241x_3)}{1 + \exp(-9.3931 + 0.0618x_1 - 0.3241x_3)}$$

Kabupaten Enrekang:

$$\pi(x_5) = \frac{\exp(-9.6545 + 0.0615x_1 - 0.3242x_3)}{1 + \exp(-9.6545 + 0.0615x_1 - 0.3242x_3)}$$

Kabupaten Gowa:

$$\pi(x_6) = \frac{\exp(-9.4068 + 0.0617x_1 - 0.3237x_3)}{1 + \exp(-9.4068 + 0.0617x_1 - 0.3237x_3)}$$

Kabupaten Jeneponto:

$$\pi(x_7) = \frac{\exp(-9.3914 + 0.0619x_1 - 0.3237x_3)}{1 + \exp(-9.3914 + 0.0619x_1 - 0.3237x_3)}$$

Kepulauan Selayar:

$$\pi(x_8) = \frac{\exp(-9.3104 + 0.062x_1 - 0.3243x_3)}{1 + \exp(-9.3104 + 0.062x_1 - 0.3243x_3)}$$

Kota Makassar:

$$\pi(x_9) = \frac{\exp(-9.4265 + 0.0617x_1 - 0.3237x_3)}{1 + \exp(-9.4265 + 0.0617x_1 - 0.3237x_3)}$$

Kota Palopo:

$$\pi(x_{10}) = \frac{\exp(-9.7199 + 0.0615x_1 - 0.3246x_3)}{1 + \exp(-9.7199 + 0.0615x_1 - 0.3246x_3)}$$

Kota Parepare:

$$\pi(x_{11}) = \frac{\exp(-9.5752 + 0.0616x_1 - 0.3239x_3)}{1 + \exp(-9.5752 + 0.0616x_1 - 0.3239x_3)}$$

Kota Luwu:

$$\pi(x_{12}) = \frac{\exp(-9.8316 + 0.0615x_1 - 0.3249x_3)}{1 + \exp(-9.8316 + 0.0615x_1 - 0.3249x_3)}$$



Lampiran 14. (Lanjutan)

Kabupaten Luwu Timur:

$$\pi(x_{13.}) = \frac{\exp(-9.781+0.0616x_1-0.3253x_3)}{1+\exp(-9.781+0.0616x_1-0.3253x_3)}$$

Kabupaten Luwu Utara:

$$\pi(x_{14.}) = \frac{\exp(-9.8201+0.0614x_1-0.3247x_3)}{1+\exp(-9.8201+0.0614x_1-0.3247x_3)}$$

Kabupaten Maros:

$$\pi(x_{15.}) = \frac{\exp(-9.4437+0.0617x_1-0.3237x_3)}{1+\exp(-9.4437+0.0617x_1-0.3237x_3)}$$

Kabupaten Pangkajene Dan Kepulauan:

$$\pi(x_{16.}) = \frac{\exp(-9.4706+0.0617x_1-0.3236x_3)}{1+\exp(-9.4706+0.0617x_1-0.3236x_3)}$$

Kabupaten Pinrang:

$$\pi(x_{17.}) = \frac{\exp(-9.6273+0.0615x_1-0.324x_3)}{1+\exp(-9.6273+0.0615x_1-0.324x_3)}$$

Kabupaten Sidenreng Rappang:

$$\pi(x_{18.}) = \frac{\exp(-9.6019+0.0616x_1-0.3241x_3)}{1+\exp(-9.6019+0.0616x_1-0.3241x_3)}$$

Kabupaten Sinjai:

$$\pi(x_{19.}) = \frac{\exp(-9.4213+0.0618x_1-0.324x_3)}{1+\exp(-9.4213+0.0618x_1-0.324x_3)}$$

Kabupaten Soppeng:

$$\pi(x_{20.}) = \frac{\exp(-9.5297+0.0617x_1-0.324x_3)}{1+\exp(-9.5297+0.0617x_1-0.324x_3)}$$

Kabupaten Takalar:

$$\pi(x_{21.}) = \frac{\exp(-9.389+0.0617x_1-0.3235x_3)}{1+\exp(-9.389+0.0617x_1-0.3235x_3)}$$

Kabupaten Tana Toraja:

$$\pi(x_{22.}) = \frac{\exp(-9.7072+0.0615x_1-0.3243x_3)}{1+\exp(-9.7072+0.0615x_1-0.3243x_3)}$$

Kabupaten Toraja Utara:

$$\pi(x_{23.}) = \frac{\exp(-9.7366+0.0615x_1-0.3244x_3)}{1+\exp(-9.7366+0.0615x_1-0.3244x_3)}$$

Kabupaten Wajo:

$$\pi(x_{24.}) = \frac{\exp(-9.5737+0.0617x_1-0.3243x_3)}{1+\exp(-9.5737+0.0617x_1-0.3243x_3)}$$



Lampiran 14. (Lanjutan)**Transformasi logitnya:**

Kabupaten Bantaeng:

$$g(x_{1.}) = \ln\left(\frac{\pi(x_{1.})}{1-\pi(x_{1.})}\right) = -9.38175 + 0.0618x_1 - 0.3239x_3$$

Kabupaten Barru:

$$g(x_{2.}) = \ln\left(\frac{\pi(x_{2.})}{1-\pi(x_{2.})}\right) = -9.5214 + 0.0616x_1 - 0.3238x_3$$

Kabupaten Bone:

$$g(x_{3.}) = \ln\left(\frac{\pi(x_{3.})}{1-\pi(x_{3.})}\right) = -9.4816 + 0.0617x_1 - 0.324x_3$$

Kabupaten Bulukumba:

$$g(x_{4.}) = \ln\left(\frac{\pi(x_{4.})}{1-\pi(x_{4.})}\right) = -9.3931 + 0.0618x_1 - 0.3241x_3$$

Kabupaten Enrekang:

$$g(x_{5.}) = \ln\left(\frac{\pi(x_{5.})}{1-\pi(x_{5.})}\right) = -9.6545 + 0.0615x_1 - 0.3242x_3$$

Kabupaten Gowa:

$$g(x_{6.}) = \ln\left(\frac{\pi(x_{6.})}{1-\pi(x_{6.})}\right) = -9.4068 + 0.0617x_1 - 0.3237x_3$$

Kabupaten Jeneponto:

$$g(x_{7.}) = \ln\left(\frac{\pi(x_{7.})}{1-\pi(x_{7.})}\right) = -9.3914 + 0.0619x_1 - 0.3237x_3$$

Kepulauan Selayar:

$$g(x_{8.}) = \ln\left(\frac{\pi(x_{8.})}{1-\pi(x_{8.})}\right) = -9.3104 + 0.062x_1 - 0.3243x_3$$

Kota Makassar:

$$g(x_{9.}) = \ln\left(\frac{\pi(x_{9.})}{1-\pi(x_{9.})}\right) = -9.4265 + 0.0617x_1 - 0.3237x_3$$

Kota Palopo:

$$g(x_{10.}) = \ln\left(\frac{\pi(x_{10.})}{1-\pi(x_{10.})}\right) = -9.7199 + 0.0615x_1 - 0.3246x_3$$

Kota Parepare:

$$g(x_{11.}) = \ln\left(\frac{\pi(x_{11.})}{1-\pi(x_{11.})}\right) = -9.5752 + 0.0616x_1 - 0.3239x_3$$

Kabupaten Luwu:

$$g(x_{12.}) = \ln\left(\frac{\pi(x_{12.})}{1-\pi(x_{12.})}\right) = -9.8316 + 0.0615x_1 - 0.3249x_3$$

Kabupaten Luwu Timur:

$$g(x_{13.}) = \ln\left(\frac{\pi(x_{13.})}{1-\pi(x_{13.})}\right) = -9.781 + 0.0616x_1 - 0.3253x_3$$



Lampiran 14. (Lanjutan)

Kabupaten Luwu Utara:

$$g(x_{14.}) = \ln \left(\frac{\pi(x_{14.})}{1-\pi(x_{14.})} \right) = -9.8201 + 0.0614x_1 - 0.3247x_3$$

Kabupaten Maros:

$$g(x_{15.}) = \ln \left(\frac{\pi(x_{15.})}{1-\pi(x_{15.})} \right) = -9.4437 + 0.0617x_1 - 0.3237x_3$$

Kabupaten Pangkajene Dan Kepulauan:

$$g(x_{16.}) = \ln \left(\frac{\pi(x_{16.})}{1-\pi(x_{16.})} \right) = -9.4706 + 0.0617x_1 - 0.3236x_3$$

Kabupaten Pinrang:

$$g(x_{17.}) = \ln \left(\frac{\pi(x_{17.})}{1-\pi(x_{17.})} \right) = -9.6273 + 0.0615x_1 - 0.324x_3$$

Kabupaten Sidenreng Rappang:

$$g(x_{18.}) = \ln \left(\frac{\pi(x_{18.})}{1-\pi(x_{18.})} \right) = -9.6019 + 0.0616x_1 - 0.3241x_3$$

Kabupaten Sinjai:

$$g(x_{19.}) = \ln \left(\frac{\pi(x_{19.})}{1-\pi(x_{19.})} \right) = -9.4213 + 0.0618x_1 - 0.324x_3$$

Kabupaten Soppeng:

$$g(x_{20.}) = \ln \left(\frac{\pi(x_{20.})}{1-\pi(x_{20.})} \right) = -9.5297 + 0.0617x_1 - 0.324x_3$$

Kabupaten Takalar:

$$g(x_{21.}) = \ln \left(\frac{\pi(x_{21.})}{1-\pi(x_{21.})} \right) = -9.389 + 0.0617x_1 - 0.3235x_3$$

Kabupaten Tana Toraja:

$$g(x_{22.}) = \ln \left(\frac{\pi(x_{22.})}{1-\pi(x_{22.})} \right) = -9.7072 + 0.0615x_1 - 0.3243x_3$$

Kabupaten Toraja Utara:

$$g(x_{23.}) = \ln \left(\frac{\pi(x_{23.})}{1-\pi(x_{23.})} \right) = -9.7366 + 0.0615x_1 - 0.3244x_3$$

Kabupaten Wajo:

$$g(x_{24.}) = \ln \left(\frac{\pi(x_{24.})}{1-\pi(x_{24.})} \right) = -9.5737 + 0.0617x_1 - 0.3243x_3$$

