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# LAMPIRAN

Lampiran 1. Data Kasus *Stunting* di Provinsi Sulawesi Selatan Tahun 2016 – 2020.

Wilayah	Tahun	Y1	Y2	X1	X2	X3	X4	X5
Kepulauan Selayar	1	25.00	15.90	4.81	68.40	93.83	61.96	12.94
Kepulauan Selayar	2	29.70	21.80	5.21	32.80	83.02	65.28	13.11
Kepulauan Selayar	3	30.20	16.10	4.08	42.70	95.78	65.27	13.28
Kepulauan Selayar	4	22.49	16.29	5.58	75.66	91.38	89.76	12.83
Kepulauan Selayar	5	22.56	14.66	4.84	80.26	69.19	100.00	12.48
Bulukumba	1	25.70	16.90	3.38	69.03	92.26	84.89	8.15
Bulukumba	2	33.20	21.70	4.24	36.40	96.05	84.65	8.06
Bulukumba	3	31.80	23.10	4.58	25.20	84.35	20.36	7.97
Bulukumba	4	16.58	12.04	4.76	77.81	97.07	79.19	7.26
Bulukumba	5	9.02	5.32	13.12	77.92	57.01	100.00	7.10
Bantaeng	1	18.10	10.40	1.53	64.89	96.94	71.93	9.53
Bantaeng	2	40.80	32.80	1.42	38.00	97.22	77.82	9.51
Bantaeng	3	38.10	23.20	3.09	38.10	104.43	65.22	9.66
Bantaeng	4	15.08	11.53	3.69	60.49	89.16	82.17	9.03
Bantaeng	5	9.70	5.73	3.73	68.36	73.03	100.03	8.95
Jeneponto	1	32.30	22.70	10.65	67.31	87.66	58.82	15.18
Jeneponto	2	48.40	35.80	3.57	32.60	94.67	69.59	15.49
Jeneponto	3	35.90	24.90	3.91	61.00	80.49	35.05	15.40
Jeneponto	4	24.42	14.47	4.00	80.46	81.87	71.16	14.88
Jeneponto	5	14.92	7.36	3.43	76.55	67.72	94.11	14.58
Takalar	1	26.70	22.30	3.11	56.75	97.24	71.07	9.48
Takalar	2	36.80	34.00	2.80	38.30	104.72	65.58	9.35
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
Makassar	4	8.70	7.42	5.98	73.91	100.75	100.00	4.28
Makassar	5	7.15	4.74	2.87	76.68	93.08	99.39	4.54
Parepare	1	9.90	20.40	6.62	78.79	96.39	68.79	6.08
Parepare	2	30.20	21.20	6.08	25.00	106.31	67.94	5.73
Parepare	3	35.70	23.20	5.95	48.30	150.87	79.45	5.70
Parepare	4	33.98	20.57	5.77	68.77	112.95	80.32	5.26
Parepare	5	32.85	17.81	5.40	57.07	79.42	99.96	5.44
Palopo	1	17.70	14.40	3.17	25.00	109.32	76.25	8.58
Palopo	2	33.10	22.70	3.48	54.30	108.60	74.47	8.74
Palopo	3	32.80	19.70	3.08	37.60	106.81	68.35	8.78
Palopo	4	13.88	13.52	3.84	15.00	128.80	69.34	7.82
Palopo	5	8.47	9.94	3.98	31.00	107.18	100.00	7.85

**Lampiran 2.** Hasil Uji Korelasi *Pearson* untuk Data *Stunting* di Provinsi Sulawesi Selatan Tahun 2016 – 2020

**Menghitung Nilai Koefisien Korelasi:**

Diketahui:  $n = 120$

$$\sum y_1 = 3078.13$$

$$\sum y_1^2 = 93400.89$$

$$(\sum y_1)^2 = 9474884.30$$

$$\sum y_2 = 2032.79$$

$$\sum y_2^2 = 41448.07$$

$$(\sum y_2)^2 = 4132235.18$$

$$\sum y_1 y_2 = 60511.17$$

Ditanya:  $r$  ?

Penyelesaian:

Rumus:

$$r = \frac{n(\sum y_1 y_2) - (\sum y_1)(\sum y_2)}{\sqrt{(n \sum y_1^2 - (\sum y_1)^2)(n \sum y_2^2 - (\sum y_2)^2)}}$$

$$r = \frac{120(60511.17) - (3078.13)(2032.79)}{\sqrt{[120(93400.89) - (9474884.30)] [120(41448.07) - (4132235.18)]}}$$

$$r = 0.83$$

**Pengujian Koefisien Korelasi:**

Hipotesis:  $H_0 : r = 0$

$H_1 : r \neq 0$

Taraf Signifikan:  $\alpha = 0.05$

Statistik Uji:

$$t_{hitung} = r \sqrt{\frac{n-2}{1-r^2}} = 0.83 \sqrt{\frac{120-2}{1-(0.83)^2}} = 16.26$$

$$t_{tabel} = t_{(0.025, 118)} = 1.98$$

Kriteria: Tolak  $H_0$  apabila  $t_{hitung} > t_{tabel}$

Keputusan: Karena  $t_{hitung} = 16.26 > t_{tabel} = 1.98$  maka  $H_0$  ditolak.

Kesimpulan: Terdapat hubungan yang signifikan antara balita pendek dan balita gizi kurang

**Lampiran 3.** Titik Knot Optimal untuk Variabel Respon Balita Pendek

1 Titik Knot			
Variabel Prediktor	Orde	Knot 1	GCV
BBLR	2	<b>2.9644</b>	<b>124.9632</b>
		2.9095	124.9633
		2.7997	124.9679
	3	<b>3.2388</b>	<b>123.9713</b>
		3.2937	123.9720
		3.1839	123.9733
ASI Eksklusif	2	<b>37.0192</b>	<b>79.9994</b>
		37.3640	80.0005
		37.7089	80.0123
	3	<b>52.1927</b>	<b>76.5768</b>
		51.8479	76.7118
		51.5030	76.8450
Riwayat ID Lengkap	2	<b>32.1230</b>	<b>118.7809</b>
		32.8213	118.8034
		31.4247	118.8148
	3	<b>57.2628</b>	<b>115.8027</b>
		57.9611	115.8043
		56.5644	115.8057
Akses Sanitasi Layak	2	<b>49.3872</b>	<b>89.3928</b>
		48.9687	89.5062
		48.5501	89.6219
	3	<b>49.3872</b>	<b>86.8192</b>
		48.9687	86.8302
		48.5501	86.8417
Penduduk Miskin	2	<b>4.3320</b>	<b>116.8307</b>
		4.3839	116.8660
		6.8783	117.0676
	3	<b>4.3320</b>	<b>114.6957</b>
		4.3839	114.6968
		4.4359	114.8126

## Lanjutan Lampiran 3. Titik Knot Optimal untuk Variabel Respon Balita Pendek

2 Titik Knot				
Variabel Prediktor	Orde	Knot 1	Knot 2	GCV
BBLR	2	<b>3.6231</b>	<b>3.6780</b>	<b>127.0264</b>
		3.5682	3.6780	127.0526
		3.5682	3.6231	127.0930
	3	<b>4.4465</b>	<b>4.5014</b>	<b>126.0655</b>
		4.4465	4.5563	126.0934
		4.3916	4.5014	126.1058
ASI Eksklusif	2	<b>15.2934</b>	<b>28.7427</b>	<b>79.5452</b>
		15.6382	28.7427	79.5569
		12.5346	28.7145	79.6748
	3	<b>12.5346</b>	<b>52.1927</b>	<b>73.1147</b>
		12.1897	52.1054	73.1393
		14.9485	52.5833	73.2249
Riwayat ID Lengkap	2	<b>62.8494</b>	<b>63.5477</b>	<b>118.1358</b>
		62.1511	66.4782	118.4550
		62.8494	65.1846	118.5269
	3	<b>26.5364</b>	<b>30.0280</b>	<b>115.3812</b>
		24.6983	34.6649	115.4252
		25.5866	33.9665	115.4698
Akses Sanitasi Layak	2	<b>48.9687</b>	<b>49.3872</b>	<b>89.0129</b>
		48.5501	49.3872	89.0651
		48.1316	49.3872	89.0837
	3	<b>44.3648</b>	<b>44.7833</b>	<b>88.0424</b>
		44.9522	46.7414	88.0788
		40.0449	43.8117	88.1730
Penduduk Miskin	2	<b>7.9177</b>	<b>7.9696</b>	<b>113.9791</b>
		7.8657	7.9696	113.9854
		7.8657	8.0736	114.2904
	3	<b>6.0988</b>	<b>6.3067</b>	<b>113.9611</b>
		6.1508	6.2028	113.9615
		6.1508	6.2547	113.9616



## Lampiran 4. Titik Knot Optimal untuk Variabel Respon Balita Gizi Kurang

1 Titik Knot			
Variabel Prediktor	Orde	Knot 1	GCV
BBLR	2	<b>1.4273</b>	<b>60.6816</b>
		1.3724	60.6875
		1.3175	60.7004
	3	<b>1.4822</b>	<b>60.5794</b>
		1.5371	60.5801
		1.4273	60.5804
ASI Eksklusif	2	<b>28.7427</b>	<b>40.5503</b>
		28.3978	40.5605
		28.0530	40.5857
	3	<b>52.1927</b>	<b>36.6333</b>
		51.8479	36.6678
		51.5030	36.7028
Riwayat ID Lengkap	2	<b>33.5197</b>	<b>56.0629</b>
		34.2180	56.0633
		32.8213	56.0643
	3	<b>57.9611</b>	<b>54.7395</b>
		57.2628	54.7401
		58.6594	54.7412
Akses Sanitasi Layak	2	<b>49.3872</b>	<b>45.8373</b>
		48.9687	45.8522
		48.5501	45.8684
	3	<b>49.3872</b>	<b>43.0320</b>
		48.9687	43.0561
		48.5501	43.0795
Penduduk Miskin	2	<b>4.3320</b>	<b>59.6795</b>
		4.3839	59.6986
		4.4359	59.8781
	3	<b>10.4121</b>	<b>57.0668</b>
		10.3601	57.1142
		10.3081	57.1634

**Lanjutan Lampiran 4.** Titik Knot Optimal untuk Variabel Respon Balita Gizi Kurang

2 Titik Knot				
Variabel Prediktor	Orde	Knot 1	Knot 2	GCV
BBLR	2	<b>3.6231</b>	<b>3.6780</b>	<b>61.3323</b>
		3.5682	3.6780	61.3575
		3.5682	3.6231	61.3876
	3	<b>4.4465</b>	<b>4.5014</b>	<b>61.6324</b>
		4.1647	4.4941	61.6581
		4.2196	4.6587	61.6882
ASI Eksklusif	2	<b>30.4670</b>	<b>30.8118</b>	<b>39.1699</b>
		29.4324	29.7772	39.1794
		29.0875	29.4324	39.1889
	3	<b>51.8479</b>	<b>52.1927</b>	<b>36.8176</b>
		51.5030	52.1927	36.8269
		51.1582	52.1927	36.8364
Riwayat ID Lengkap	2	<b>62.8494</b>	<b>63.5477</b>	<b>55.3427</b>
		62.1511	62.8494	55.3486
		62.1511	63.5477	55.3610
	3	<b>24.4414</b>	<b>33.5197</b>	<b>53.6843</b>
		30.0280	32.8213	53.6860
		32.7933	34.2180	53.6880
Akses Sanitasi Layak	2	<b>44.7833</b>	<b>45.2018</b>	<b>46.5424</b>
		44.3648	45.2018	46.6107
		44.7833	45.6204	46.6342
	3	<b>48.9687</b>	<b>49.3872</b>	<b>42.4056</b>
		48.5501	49.3872	42.4439
		48.1316	49.3872	42.4829
Penduduk Miskin	2	<b>10.3081</b>	<b>10.4121</b>	<b>56.3792</b>
		10.3081	10.3601	56.3802
		10.3601	10.4121	56.3826
	3	<b>8.0216</b>	<b>10.4121</b>	<b>56.2819</b>
		7.9696	10.4121	56.2829
		8.0736	10.4121	56.2852

**Lampiran 5.** Nilai Parameter  $\hat{\beta}$  untuk Variabel Respon Balita Pendek

Nilai parameter adalah

[,1]

[1,] 11.6174507

[2,] -0.2905631

[3,] 12.6887655

[4,] 5.1020948

[5,] 15.1199276

[6,] -7.3913032

[7,] 25.7419003

[8,] -5.9842624

[9,] 1.6314855

[10,] 3.0231338

[11,] 16.6437692

[12,] -0.7761670

[13,] 0.7184903

[14,] 9.5085214

[15,] 6.5596810

[16,] 10.5705921

[17,] 10.9478973

[18,] 1.0395774

[19,] 0.2938944

[20,] 9.4111816

[21,] -2.9520073

[22,] 15.5754757

[23,] 6.7892034

**Lampiran 6.** Nilai Parameter  $\hat{\beta}$  untuk Variabel Respon Balita Gizi Kurang

Nilai parameter adalah

[,1]

[1,] 5.4704173

[2,] 0.9388754

[3,] 6.2604914

[4,] 5.5038222

[5,] 3.1297966

[6,] 15.6224654

[7,] -3.8431618

[8,] 3.2645062

[9,] 2.1272563

[10,] 5.7449056

[11,] 0.5866110

[12,] 2.7532403

[13,] 6.9615931

[14,] 2.1320710

[15,] 7.3038545

[16,] 1.4670794

[17,] 9.5454623

[18,] -2.2748608

[19,] 4.3935273

[20,] -1.1693261

[21,] 5.3701919

[22,] 0.4712692

[23,] 9.1079440

**Lampiran 7. Estimasi Model Balita Pendek untuk Setiap Kabupaten/Kota di Provinsi Sulawesi Selatan Tahun 2016 – 2020**

No.	Kabupaten/Kota	Estimasi Model
1.	Kepulauan Selayar	$\hat{y}_{1.1} = 0.45 B_{-2,3}(x_1) + 5.25 B_{-1,3}(x_1) + 3.60 B_{0,3}(x_1) + 5.85 B_{1,3}(x_1) + 3.01 B_{-2,3}(x_2) + 7.16 B_{-1,3}(x_2) + 2.72 B_{0,3}(x_2) + 0.43 B_{1,3}(x_2) + 4.38 B_{2,3}(x_2) + 2.89 B_{-2,3}(x_3) + 2.32 B_{-1,3}(x_3) + 4.97 B_{0,3}(x_3) + 3.41 B_{1,3}(x_3) + 6.32 B_{2,3}(x_3) + 8.26 B_{-2,3}(x_4) + 7.90 B_{-1,3}(x_4) + 2.31 B_{0,3}(x_4) + 4.48 B_{1,3}(x_4) + 0.18 B_{-2,3}(x_5) + 0.43 B_{-1,3}(x_5) + 4.16 B_{0,3}(x_5) + 2.44 B_{1,3}(x_5) + 8.09 B_{2,3}(x_5)$
2.	Bulukumba	$\hat{y}_{1.2} = 1.27 B_{-2,3}(x_1) + 7.55 B_{-1,3}(x_1) + 2.46 B_{0,3}(x_1) + 2.48 B_{1,3}(x_1) + 2.79 B_{-2,3}(x_2) + 9.06 B_{-1,3}(x_2) + 7.13 B_{0,3}(x_2) - 1.39 B_{1,3}(x_2) + 2.31 B_{2,3}(x_2) + 5.35 B_{-2,3}(x_3) + 3.82 B_{-1,3}(x_3) + 2.76 B_{0,3}(x_3) + 1.61 B_{1,3}(x_3) + 8.11 B_{2,3}(x_3) + 4.60 B_{-2,3}(x_4) + 0.20 B_{-1,3}(x_4) + 2.31 B_{0,3}(x_4) + 5.37 B_{1,3}(x_4) + 0.49 B_{-2,3}(x_5) + 0.67 B_{-1,3}(x_5) + 0.72 B_{0,3}(x_5) + 2.68 B_{1,3}(x_5) + 9.08 B_{2,3}(x_5)$
3.	Bantaeng	$\hat{y}_{1.3} = 6.45 B_{-2,3}(x_1) - 0.04 B_{-1,3}(x_1) + 2.78 B_{0,3}(x_1) + 4.12 B_{1,3}(x_1) - 3.25 B_{-2,3}(x_2) + 1.87 B_{-1,3}(x_2) + 0.27 B_{0,3}(x_2) - 1.36 B_{1,3}(x_2) - 4.28 B_{2,3}(x_2) + 4.31 B_{-2,3}(x_3) + 9.24 B_{-1,3}(x_3) + 2.10 B_{0,3}(x_3) + 3.62 B_{1,3}(x_3) + 7.59 B_{2,3}(x_3) + 6.58 B_{-2,3}(x_4) + 4.00 B_{-1,3}(x_4) + 5.81 B_{0,3}(x_4) + 3.50 B_{1,3}(x_4) + 0.26 B_{-2,3}(x_5) + 1.83 B_{-1,3}(x_5) + 4.26 B_{0,3}(x_5) + 2.84 B_{1,3}(x_5) + 6.21 B_{2,3}(x_5)$
4.	Jeneponto	$\hat{y}_{1.4} = 12.51 B_{-2,3}(x_1) - 0.50 B_{-1,3}(x_1) + 0.66 B_{0,3}(x_1) + 5.07 B_{1,3}(x_1) + 4.95 B_{-2,3}(x_2) + 14.89 B_{-1,3}(x_2) + 0.70 B_{0,3}(x_2) + 2.66 B_{1,3}(x_2) - 0.52 B_{2,3}(x_2) + 3.26 B_{-2,3}(x_3) + 5.07 B_{-1,3}(x_3) + 1.91 B_{0,3}(x_3) + 7.38 B_{1,3}(x_3) + 8.45 B_{2,3}(x_3) + 8.92 B_{-2,3}(x_4) + 5.36 B_{-1,3}(x_4) + 9.21 B_{0,3}(x_4) + 3.17 B_{1,3}(x_4) + 1.94 B_{-2,3}(x_5) + 3.72 B_{-1,3}(x_5) + 5.29 B_{0,3}(x_5) + 5.40 B_{1,3}(x_5) + 7.04 B_{2,3}(x_5)$
5.	Takalar	$\hat{y}_{1.5} = 1.00 B_{-2,3}(x_1) + 4.79 B_{-1,3}(x_1) + 5.53 B_{0,3}(x_1) + 4.34 B_{1,3}(x_1) + 6.03 B_{-2,3}(x_2) + 8.30 B_{-1,3}(x_2) + 2.14 B_{0,3}(x_2) + 0.85 B_{1,3}(x_2) + 4.37 B_{2,3}(x_2) + 2.41 B_{-2,3}(x_3) + 3.89 B_{-1,3}(x_3) + 5.58 B_{0,3}(x_3) + 1.25 B_{1,3}(x_3) + 8.53 B_{2,3}(x_3) + 10.72 B_{-2,3}(x_4) + 9.40 B_{-1,3}(x_4) + 3.86 B_{0,3}(x_4) + 2.39 B_{1,3}(x_4) + 1.86 B_{-2,3}(x_5) + 2.63 B_{-1,3}(x_5) + 3.47 B_{0,3}(x_5) + 4.18 B_{1,3}(x_5) + 8.00 B_{2,3}(x_5)$
6.	Gowa	$\hat{y}_{1.6} = 6.74 B_{-2,3}(x_1) - 0.41 B_{-1,3}(x_1) + 7.34 B_{0,3}(x_1) + 3.70 B_{1,3}(x_1) - 5.36 B_{-2,3}(x_2) + 2.88 B_{-1,3}(x_2) + 9.15 B_{0,3}(x_2) + 1.38 B_{1,3}(x_2) + 2.72 B_{2,3}(x_2) + 8.02 B_{-2,3}(x_3) + 11.76 B_{-1,3}(x_3) + 2.24 B_{0,3}(x_3) + 0.75 B_{1,3}(x_3) + 10.68 B_{2,3}(x_3) + 6.84 B_{-2,3}(x_4) + 1.61 B_{-1,3}(x_4) + 4.36 B_{0,3}(x_4) + 0.87 B_{1,3}(x_4) + 0.36 B_{-2,3}(x_5) + 5.19 B_{-1,3}(x_5) - 0.74 B_{0,3}(x_5) - 0.05 B_{1,3}(x_5) + 14.47 B_{2,3}(x_5)$

No.	Kabupaten/Kota	Estimasi Model
7.	Sinjai	$\hat{y}_{1.7} = 0.47 B_{-2,3}(x_1) + 6.07 B_{-1,3}(x_1) + 8.65 B_{0,3}(x_1) + 1.60 B_{1,3}(x_1) - 1.69 B_{-2,3}(x_2) + 4.10 B_{-1,3}(x_2) + 11.29 B_{0,3}(x_2) + 7.71 B_{1,3}(x_2) - 6.78 B_{2,3}(x_2) + 6.08 B_{-2,3}(x_3) + 7.11 B_{-1,3}(x_3) + 3.31 B_{0,3}(x_3) + 4.61 B_{1,3}(x_3) + 8.40 B_{2,3}(x_3) + 10.64 B_{-2,3}(x_4) + 16.17 B_{-1,3}(x_4) - 2.04 B_{0,3}(x_4) + 2.19 B_{1,3}(x_4) + 1.26 B_{-2,3}(x_5) + 2.83 B_{-1,3}(x_5) + 3.04 B_{0,3}(x_5) + 5.04 B_{1,3}(x_5) + 8.24 B_{2,3}(x_5)$
8.	Maros	$\hat{y}_{1.8} = 1.77 B_{-2,3}(x_1) + 5.23 B_{-1,3}(x_1) + 5.19 B_{0,3}(x_1) + 8.79 B_{1,3}(x_1) - 1.38 B_{-2,3}(x_2) + 7.61 B_{-1,3}(x_2) + 0.11 B_{0,3}(x_2) + 1.57 B_{1,3}(x_2) + 1.21 B_{2,3}(x_2) + 3.62 B_{-2,3}(x_3) + 5.02 B_{-1,3}(x_3) + 6.80 B_{0,3}(x_3) + 8.71 B_{1,3}(x_3) + 5.48 B_{2,3}(x_3) + 6.66 B_{-2,3}(x_4) + 5.24 B_{-1,3}(x_4) + 10.83 B_{0,3}(x_4) - 1.74 B_{1,3}(x_4) + 2.43 B_{-2,3}(x_5) + 6.10 B_{-1,3}(x_5) - 2.61 B_{0,3}(x_5) + 8.94 B_{1,3}(x_5) + 14.67 B_{2,3}(x_5)$
9.	Pangkajene dan Kepulauan	$\hat{y}_{1.9} = 3.97 B_{-2,3}(x_1) + 2.61 B_{-1,3}(x_1) + 3.20 B_{0,3}(x_1) + 7.22 B_{1,3}(x_1) - 1.14 B_{-2,3}(x_2) + 9.73 B_{-1,3}(x_2) + 4.32 B_{0,3}(x_2) + 2.86 B_{1,3}(x_2) + 0.07 B_{2,3}(x_2) + 5.67 B_{-2,3}(x_3) + 7.04 B_{-1,3}(x_3) + 8.84 B_{0,3}(x_3) + 1.76 B_{1,3}(x_3) + 6.39 B_{2,3}(x_3) + 14.06 B_{-2,3}(x_4) + 0.37 B_{-1,3}(x_4) + 1.70 B_{0,3}(x_4) + 0.86 B_{1,3}(x_4) + 0.81 B_{-2,3}(x_5) + 1.92 B_{-1,3}(x_5) + 2.40 B_{0,3}(x_5) + 5.11 B_{1,3}(x_5) + 9.48 B_{2,3}(x_5)$
10.	Barru	$\hat{y}_{1.10} = 7.93 B_{-2,3}(x_1) + 1.31 B_{-1,3}(x_1) + 0.16 B_{0,3}(x_1) + 4.51 B_{1,3}(x_1) + 6.66 B_{-2,3}(x_2) + 7.94 B_{-1,3}(x_2) + 1.31 B_{0,3}(x_2) + 0.88 B_{1,3}(x_2) + 3.78 B_{2,3}(x_2) + 2.83 B_{-2,3}(x_3) + 5.19 B_{-1,3}(x_3) + 0.92 B_{0,3}(x_3) + 4.30 B_{1,3}(x_3) + 8.69 B_{2,3}(x_3) + 4.49 B_{-2,3}(x_4) + 4.54 B_{-1,3}(x_4) + 1.64 B_{0,3}(x_4) + 3.24 B_{1,3}(x_4) + 0.28 B_{-2,3}(x_5) + 1.96 B_{-1,3}(x_5) + 3.02 B_{0,3}(x_5) + 2.94 B_{1,3}(x_5) + 7.95 B_{2,3}(x_5)$
11.	Bone	$\hat{y}_{1.11} = 2.64 B_{-2,3}(x_1) + 8.43 B_{-1,3}(x_1) + 0.44 B_{0,3}(x_1) + 4.58 B_{1,3}(x_1) + 7.66 B_{-2,3}(x_2) + 11.11 B_{-1,3}(x_2) + 14.58 B_{0,3}(x_2) - 5.18 B_{1,3}(x_2) - 4.42 B_{2,3}(x_2) + 5.43 B_{-2,3}(x_3) + 6.80 B_{-1,3}(x_3) - 0.30 B_{0,3}(x_3) + 3.00 B_{1,3}(x_3) + 7.95 B_{2,3}(x_3) + 12.74 B_{-2,3}(x_4) + 11.30 B_{-1,3}(x_4) + 1.14 B_{0,3}(x_4) + 3.64 B_{1,3}(x_4) + 0.14 B_{-2,3}(x_5) + 3.72 B_{-1,3}(x_5) + 5.38 B_{0,3}(x_5) + 8.50 B_{1,3}(x_5) + 1.76 B_{2,3}(x_5)$
12.	Soppeng	$\hat{y}_{1.12} = 1.34 B_{-2,3}(x_1) + 7.85 B_{-1,3}(x_1) + 6.00 B_{0,3}(x_1) + 3.74 B_{1,3}(x_1) - 1.42 B_{-2,3}(x_2) + 4.39 B_{-1,3}(x_2) + 10.51 B_{0,3}(x_2) + 5.13 B_{1,3}(x_2) - 2.44 B_{2,3}(x_2) + 5.07 B_{-2,3}(x_3) + 6.81 B_{-1,3}(x_3) + 4.33 B_{0,3}(x_3) + 9.34 B_{1,3}(x_3) + 3.92 B_{2,3}(x_3) + 8.42 B_{-2,3}(x_4) + 1.35 B_{-1,3}(x_4) + 9.62 B_{0,3}(x_4) + 6.63 B_{1,3}(x_4) + 0.72 B_{-2,3}(x_5) + 2.19 B_{-1,3}(x_5) + 1.75 B_{0,3}(x_5) + 3.55 B_{1,3}(x_5) + 12.29 B_{2,3}(x_5)$

No.	Kabupaten/Kota	Estimasi Model
13.	Wajo	$\hat{y}_{1.13} = 0.92 B_{-2,3}(x_1) + 8.67 B_{-1,3}(x_1) + 4.35 B_{0,3}(x_1) - 0.66 B_{1,3}(x_1) - 1.33 B_{-2,3}(x_2) + 8.34 B_{-1,3}(x_2) + 5.71 B_{0,3}(x_2) + 0.23 B_{1,3}(x_2) - 1.92 B_{2,3}(x_2) + 4.78 B_{-2,3}(x_3) + 6.31 B_{-1,3}(x_3) + 2.75 B_{0,3}(x_3) - 0.16 B_{1,3}(x_3) + 9.95 B_{2,3}(x_3) + 11.21 B_{-2,3}(x_4) + 9.05 B_{-1,3}(x_4) + 0.68 B_{0,3}(x_4) + 2.64 B_{1,3}(x_4) + 0.42 B_{-2,3}(x_5) + 3.18 B_{-1,3}(x_5) - 0.64 B_{0,3}(x_5) + 7.02 B_{1,3}(x_5) + 5.98 B_{2,3}(x_5)$
14.	Sindereng Rappang	$\hat{y}_{1.14} = 5.26 B_{-2,3}(x_1) + 0.12 B_{-1,3}(x_1) + 2.49 B_{0,3}(x_1) + 4.96 B_{1,3}(x_1) - 5.98 B_{-2,3}(x_2) + 4.05 B_{-1,3}(x_2) + 5.86 B_{0,3}(x_2) - 1.82 B_{1,3}(x_2) + 4.76 B_{2,3}(x_2) + 4.02 B_{-2,3}(x_3) + 6.35 B_{-1,3}(x_3) + 2.30 B_{0,3}(x_3) + 4.59 B_{1,3}(x_3) + 5.95 B_{2,3}(x_3) + 12.80 B_{-2,3}(x_4) + 0.17 B_{-1,3}(x_4) + 1.88 B_{0,3}(x_4) - 2.01 B_{1,3}(x_4) - 4.52 B_{-2,3}(x_5) + 2.94 B_{-1,3}(x_5) + 9.90 B_{0,3}(x_5) + 7.54 B_{1,3}(x_5) + 5.80 B_{2,3}(x_5)$
15.	Pinrang	$\hat{y}_{1.15} = 2.56 B_{-2,3}(x_1) + 5.09 B_{-1,3}(x_1) + 13.99 B_{0,3}(x_1) - 5.55 B_{1,3}(x_1) + 7.89 B_{-2,3}(x_2) + 22.99 B_{-1,3}(x_2) + 2.29 B_{0,3}(x_2) - 4.73 B_{1,3}(x_2) - 4.46 B_{2,3}(x_2) + 2.56 B_{-2,3}(x_3) + 4.18 B_{-1,3}(x_3) + 2.11 B_{0,3}(x_3) + 6.32 B_{1,3}(x_3) + 5.10 B_{2,3}(x_3) + 2.56 B_{-2,3}(x_4) + 1.92 B_{-1,3}(x_4) + 3.74 B_{0,3}(x_4) + 7.87 B_{1,3}(x_4) + 2.91 B_{-2,3}(x_5) + 8.70 B_{-1,3}(x_5) + 14.98 B_{0,3}(x_5) - 4.93 B_{1,3}(x_5) + 6.04 B_{2,3}(x_5)$
16.	Enrekang	$\hat{y}_{1.16} = 10.05 B_{-2,3}(x_1) + 5.11 B_{-1,3}(x_1) + 4.72 B_{0,3}(x_1) + 8.79 B_{1,3}(x_1) + 3.24 B_{-2,3}(x_2) - 1.30 B_{-1,3}(x_2) + 21.27 B_{0,3}(x_2) - 2.36 B_{1,3}(x_2) - 0.28 B_{2,3}(x_2) + 8.72 B_{-2,3}(x_3) + 9.90 B_{-1,3}(x_3) + 1.96 B_{0,3}(x_3) + 6.32 B_{1,3}(x_3) + 10.35 B_{2,3}(x_3) + 13.20 B_{-2,3}(x_4) + 12.79 B_{-1,3}(x_4) + 1.84 B_{0,3}(x_4) + 3.99 B_{1,3}(x_4) + 0.03 B_{-2,3}(x_5) + 2.18 B_{-1,3}(x_5) + 5.09 B_{0,3}(x_5) + 16.69 B_{1,3}(x_5) + 3.15 B_{2,3}(x_5)$
17.	Luwu	$\hat{y}_{1.17} = 6.58 B_{-2,3}(x_1) + 5.72 B_{-1,3}(x_1) - 0.02 B_{0,3}(x_1) + 2.63 B_{1,3}(x_1) + 1.93 B_{-2,3}(x_2) + 7.73 B_{-1,3}(x_2) + 2.31 B_{0,3}(x_2) + 4.43 B_{1,3}(x_2) + 0.44 B_{2,3}(x_2) + 5.42 B_{-2,3}(x_3) + 7.64 B_{-1,3}(x_3) + 4.17 B_{0,3}(x_3) + 2.24 B_{1,3}(x_3) + 8.50 B_{2,3}(x_3) + 12.47 B_{-2,3}(x_4) + 9.98 B_{-1,3}(x_4) + 1.97 B_{0,3}(x_4) + 2.96 B_{1,3}(x_4) + 2.44 B_{-2,3}(x_5) + 3.68 B_{-1,3}(x_5) + 1.09 B_{0,3}(x_5) + 4.04 B_{1,3}(x_5) + 9.77 B_{2,3}(x_5)$
18.	Tana Toraja	$\hat{y}_{1.18} = 5.87 B_{-2,3}(x_1) + 3.11 B_{-1,3}(x_1) + 2.63 B_{0,3}(x_1) + 8.59 B_{1,3}(x_1) + 4.22 B_{-2,3}(x_2) + 2.39 B_{-1,3}(x_2) + 9.00 B_{0,3}(x_2) + 0.41 B_{1,3}(x_2) + 4.19 B_{2,3}(x_2) + 2.46 B_{-2,3}(x_3) + 5.28 B_{-1,3}(x_3) + 13.84 B_{0,3}(x_3) + 1.16 B_{1,3}(x_3) + 5.21 B_{2,3}(x_3) + 11.73 B_{-2,3}(x_4) + 10.00 B_{-1,3}(x_4) + 4.37 B_{0,3}(x_4) + 5.84 B_{1,3}(x_4) + 4.31 B_{-2,3}(x_5) + 5.07 B_{-1,3}(x_5) + 6.56 B_{0,3}(x_5) - 0.20 B_{1,3}(x_5) + 13.85 B_{2,3}(x_5)$

No.	Kabupaten/Kota	Estimasi Model
19.	Luwu Utara	$\hat{y}_{1.19} = 1.95 B_{-2,3}(x_1) + 0.85 B_{-1,3}(x_1) + 1.95 B_{0,3}(x_1) + 6.59 B_{1,3}(x_1) + 9.70 B_{-2,3}(x_2) + 9.61 B_{-1,3}(x_2) + 9.54 B_{0,3}(x_2) - 1.26 B_{1,3}(x_2) + 3.06 B_{2,3}(x_2) + 2.18 B_{-2,3}(x_3) + 4.76 B_{-1,3}(x_3) + 5.19 B_{0,3}(x_3) + 1.64 B_{1,3}(x_3) + 4.51 B_{2,3}(x_3) + 8.42 B_{-2,3}(x_4) + 6.48 B_{-1,3}(x_4) - 0.45 B_{0,3}(x_4) + 5.31 B_{1,3}(x_4) + 1.74 B_{-2,3}(x_5) + 2.65 B_{-1,3}(x_5) + 3.23 B_{0,3}(x_5) - 4.59 B_{1,3}(x_5) + 12.70 B_{2,3}(x_5)$
20.	Luwu Timur	$\hat{y}_{1.20} = 4.28 B_{-2,3}(x_1) + 1.23 B_{-1,3}(x_1) + 2.39 B_{0,3}(x_1) + 2.56 B_{1,3}(x_1) - 4.67 B_{-2,3}(x_2) - 0.18 B_{-1,3}(x_2) + 11.03 B_{0,3}(x_2) - 2.31 B_{1,3}(x_2) + 1.91 B_{2,3}(x_2) + 3.94 B_{-2,3}(x_3) + 4.26 B_{-1,3}(x_3) + 2.48 B_{0,3}(x_3) + 1.85 B_{1,3}(x_3) + 6.13 B_{2,3}(x_3) + 7.62 B_{-2,3}(x_4) + 5.31 B_{-1,3}(x_4) + 2.61 B_{0,3}(x_4) + 2.54 B_{1,3}(x_4) + 1.48 B_{-2,3}(x_5) + 4.92 B_{-1,3}(x_5) - 3.71 B_{0,3}(x_5) + 3.55 B_{1,3}(x_5) + 10.62 B_{2,3}(x_5)$
21.	Toraja Utara	$\hat{y}_{1.21} = 5.36 B_{-2,3}(x_1) + 7.53 B_{-1,3}(x_1) + 7.45 B_{0,3}(x_1) + 0.97 B_{1,3}(x_1) - 1.45 B_{-2,3}(x_2) + 7.64 B_{-1,3}(x_2) + 8.10 B_{0,3}(x_2) + 1.79 B_{1,3}(x_2) + 3.78 B_{2,3}(x_2) + 1.37 B_{-2,3}(x_3) + 3.76 B_{-1,3}(x_3) + 0.69 B_{0,3}(x_3) + 4.72 B_{1,3}(x_3) + 14.53 B_{2,3}(x_3) + 1.32 B_{-2,3}(x_4) + 7.02 B_{-1,3}(x_4) + 9.77 B_{0,3}(x_4) + 3.19 B_{1,3}(x_4) + 1.24 B_{-2,3}(x_5) + 3.28 B_{-1,3}(x_5) + 5.20 B_{0,3}(x_5) + 8.04 B_{1,3}(x_5) + 8.07 B_{2,3}(x_5)$
22.	Makassar	$\hat{y}_{1.22} = 7.16 B_{-2,3}(x_1) + 2.61 B_{-1,3}(x_1) + 4.81 B_{0,3}(x_1) - 1.24 B_{1,3}(x_1) - 3.96 B_{-2,3}(x_2) + 14.21 B_{-1,3}(x_2) - 1.17 B_{0,3}(x_2) + 1.46 B_{1,3}(x_2) - 1.16 B_{2,3}(x_2) + 4.30 B_{-2,3}(x_3) + 5.00 B_{-1,3}(x_3) - 2.98 B_{0,3}(x_3) + 9.23 B_{1,3}(x_3) + 7.09 B_{2,3}(x_3) + 8.43 B_{-2,3}(x_4) + 6.97 B_{-1,3}(x_4) + 5.09 B_{0,3}(x_4) + 1.28 B_{1,3}(x_4) + 2.07 B_{-2,3}(x_5) + 4.29 B_{-1,3}(x_5) + 6.98 B_{0,3}(x_5) + 8.67 B_{1,3}(x_5) + 10.84 B_{2,3}(x_5)$
23.	Parepare	$\hat{y}_{1.23} = 0.70 B_{-2,3}(x_1) + 8.85 B_{-1,3}(x_1) + 9.23 B_{0,3}(x_1) - 0.21 B_{1,3}(x_1) + 1.50 B_{-2,3}(x_2) + 6.08 B_{-1,3}(x_2) + 5.89 B_{0,3}(x_2) + 7.66 B_{1,3}(x_2) - 1.75 B_{2,3}(x_2) + 5.72 B_{-2,3}(x_3) + 5.92 B_{-1,3}(x_3) + 4.06 B_{0,3}(x_3) + 4.26 B_{1,3}(x_3) + 9.56 B_{2,3}(x_3) + 9.14 B_{-2,3}(x_4) + 7.37 B_{-1,3}(x_4) + 6.14 B_{0,3}(x_4) + 4.36 B_{1,3}(x_4) + 10.22 B_{-2,3}(x_5) + 7.55 B_{-1,3}(x_5) + 0.11 B_{0,3}(x_5) + 8.64 B_{1,3}(x_5) + 11.36 B_{2,3}(x_5)$
24.	Palopo	$\hat{y}_{1.24} = 4.71 B_{-2,3}(x_1) - 1.22 B_{-1,3}(x_1) + 4.80 B_{0,3}(x_1) + 1.29 B_{1,3}(x_1) - 1.09 B_{-2,3}(x_2) - 0.65 B_{-1,3}(x_2) + 0.05 B_{0,3}(x_2) + 1.48 B_{1,3}(x_2) + 2.71 B_{2,3}(x_2) + 0.82 B_{-2,3}(x_3) + 2.96 B_{-1,3}(x_3) + 7.59 B_{0,3}(x_3) + 0.05 B_{1,3}(x_3) + 1.95 B_{2,3}(x_3) + 10.97 B_{-2,3}(x_4) + 9.98 B_{-1,3}(x_4) + 0.57 B_{0,3}(x_4) - 0.97 B_{1,3}(x_4) + 1.83 B_{-2,3}(x_5) + 2.16 B_{-1,3}(x_5) + 0.86 B_{0,3}(x_5) - 1.35 B_{1,3}(x_5) + 10.08 B_{2,3}(x_5)$



**Lampiran 8.** Estimasi Model Balita Gizi Kurang untuk Setiap Kabupaten /Kota di Provinsi Sulawesi Selatan Tahun 2016 – 2020

No.	Kabupaten/Kota	Estimasi Model
1.	Kepulauan Selayar	$\hat{y}_{2.1} = 0.84 B_{-2,3}(x_1) + 1.66 B_{-1,3}(x_1) + 2.73 B_{0,3}(x_1) + 5.36 B_{1,3}(x_1) + 5.95 B_{-2,3}(x_2) + 0.64 B_{-1,3}(x_2) + 0.27 B_{0,3}(x_2) + 2.90 B_{1,3}(x_2) + 1.94 B_{2,3}(x_2) + 4.89 B_{-2,3}(x_3) + 3.20 B_{-1,3}(x_3) + 3.26 B_{0,3}(x_3) + 3.29 B_{1,3}(x_3) + 2.16 B_{2,3}(x_3) + 6.79 B_{-2,3}(x_4) + 5.12 B_{-1,3}(x_4) + 1.78 B_{0,3}(x_4) + 2.86 B_{1,3}(x_4) + 0.26 B_{-2,3}(x_5) + 1.48 B_{-1,3}(x_5) + 2.56 B_{0,3}(x_5) + 2.49 B_{1,3}(x_5) + 4.71 B_{2,3}(x_5)$
2.	Bulukumba	$\hat{y}_{2.2} = 0.76 B_{-2,3}(x_1) + 6.82 B_{-1,3}(x_1) + 0.93 B_{0,3}(x_1) + 1.11 B_{1,3}(x_1) + 5.23 B_{-2,3}(x_2) + 2.30 B_{-1,3}(x_2) + 1.47 B_{0,3}(x_2) + 0.14 B_{1,3}(x_2) + 0.09 B_{2,3}(x_2) + 2.24 B_{-2,3}(x_3) + 1.50 B_{-1,3}(x_3) + 2.37 B_{0,3}(x_3) + 5.00 B_{1,3}(x_3) + 3.93 B_{2,3}(x_3) + 5.69 B_{-2,3}(x_4) + 0.18 B_{-1,3}(x_4) + 1.49 B_{0,3}(x_4) + 3.26 B_{1,3}(x_4) + 0.41 B_{-2,3}(x_5) + 0.43 B_{-1,3}(x_5) + 6.24 B_{0,3}(x_5) + 2.61 B_{1,3}(x_5) + 4.41 B_{2,3}(x_5)$
3.	Bantaeng	$\hat{y}_{2.3} = 10.41 B_{-2,3}(x_1) - 1.83 B_{-1,3}(x_1) - 0.27 B_{0,3}(x_1) + 1.71 B_{1,3}(x_1) + 9.90 B_{-2,3}(x_2) + 0.21 B_{-1,3}(x_2) + 0.57 B_{0,3}(x_2) + 0.66 B_{1,3}(x_2) + 0.47 B_{2,3}(x_2) + 2.94 B_{-2,3}(x_3) + 0.91 B_{-1,3}(x_3) + 4.01 B_{0,3}(x_3) + 5.09 B_{1,3}(x_3) + 6.03 B_{2,3}(x_3) + 5.93 B_{-2,3}(x_4) + 3.01 B_{-1,3}(x_4) + 5.24 B_{0,3}(x_4) + 1.76 B_{1,3}(x_4) + 0.51 B_{-2,3}(x_5) + 2.01 B_{-1,3}(x_5) + 3.31 B_{0,3}(x_5) + 4.71 B_{1,3}(x_5) + 7.21 B_{2,3}(x_5)$
4.	Jeneponto	$\hat{y}_{2.4} = 1.96 B_{-2,3}(x_1) + 6.89 B_{-1,3}(x_1) + 0.46 B_{0,3}(x_1) + 4.50 B_{1,3}(x_1) + 6.17 B_{-2,3}(x_2) + 1.47 B_{-1,3}(x_2) + 4.44 B_{0,3}(x_2) - 0.24 B_{1,3}(x_2) + 1.34 B_{2,3}(x_2) + 2.91 B_{-2,3}(x_3) + 0.07 B_{-1,3}(x_3) + 2.75 B_{0,3}(x_3) + 9.03 B_{1,3}(x_3) + 3.25 B_{2,3}(x_3) + 6.10 B_{-2,3}(x_4) + 4.30 B_{-1,3}(x_4) + 3.99 B_{0,3}(x_4) + 0.31 B_{1,3}(x_4) + 1.07 B_{-2,3}(x_5) + 3.94 B_{-1,3}(x_5) + 0.85 B_{0,3}(x_5) + 2.07 B_{1,3}(x_5) + 10.63 B_{2,3}(x_5)$
5.	Takalar	$\hat{y}_{2.5} = 0.10 B_{-2,3}(x_1) + 1.81 B_{-1,3}(x_1) + 4.90 B_{0,3}(x_1) + 4.82 B_{1,3}(x_1) + 7.11 B_{-2,3}(x_2) + 2.06 B_{-1,3}(x_2) + 0.51 B_{0,3}(x_2) + 1.96 B_{1,3}(x_2) + 0.59 B_{2,3}(x_2) + 4.72 B_{-2,3}(x_3) + 2.48 B_{-1,3}(x_3) + 0.62 B_{0,3}(x_3) + 8.55 B_{1,3}(x_3) + 8.92 B_{2,3}(x_3) + 10.76 B_{-2,3}(x_4) + 9.02 B_{-1,3}(x_4) + 1.76 B_{0,3}(x_4) + 0.86 B_{1,3}(x_4) + 0.84 B_{-2,3}(x_5) + 1.40 B_{-1,3}(x_5) + 2.88 B_{0,3}(x_5) + 7.36 B_{1,3}(x_5) + 9.16 B_{2,3}(x_5)$
6.	Gowa	$\hat{y}_{2.6} = 2.86 B_{-2,3}(x_1) + 4.82 B_{-1,3}(x_1) - 0.16 B_{0,3}(x_1) + 6.47 B_{1,3}(x_1) + 5.48 B_{-2,3}(x_2) + 5.65 B_{-1,3}(x_2) + 1.15 B_{0,3}(x_2) - 1.15 B_{1,3}(x_2) + 3.85 B_{2,3}(x_2) + 5.49 B_{-2,3}(x_3) + 4.17 B_{-1,3}(x_3) + 0.52 B_{0,3}(x_3) + 6.44 B_{1,3}(x_3) + 4.69 B_{2,3}(x_3) + 0.49 B_{-2,3}(x_4) + 3.97 B_{-1,3}(x_4) + 2.59 B_{0,3}(x_4) - 0.61 B_{1,3}(x_4) - 0.15 B_{-2,3}(x_5) - 0.74 B_{-1,3}(x_5) + 1.17 B_{0,3}(x_5) + 10.85 B_{1,3}(x_5) + 11.47 B_{2,3}(x_5)$

No.	Kabupaten/Kota	Estimasi Model
7.	Sinjai	$\hat{y}_{2.7} = 0.35 B_{-2,3}(x_1) + 3.15 B_{-1,3}(x_1) + 7.34 B_{0,3}(x_1) + 1.63 B_{1,3}(x_1) + 1.23 B_{-2,3}(x_2) + 2.15 B_{-1,3}(x_2) + 3.11 B_{0,3}(x_2) + 2.37 B_{1,3}(x_2) + 0.17 B_{2,3}(x_2) + 1.68 B_{-2,3}(x_3) + 0.92 B_{-1,3}(x_3) + 1.78 B_{0,3}(x_3) + 6.16 B_{1,3}(x_3) + 2.96 B_{2,3}(x_3) + 7.54 B_{-2,3}(x_4) + 6.40 B_{-1,3}(x_4) + 1.53 B_{0,3}(x_4) + 0.94 B_{1,3}(x_4) + 0.60 B_{-2,3}(x_5) - 0.54 B_{-1,3}(x_5) + 3.40 B_{0,3}(x_5) + 6.01 B_{1,3}(x_5) + 7.45 B_{2,3}(x_5)$
8.	Maros	$\hat{y}_{2.8} = 5.97 B_{-2,3}(x_1) + 4.77 B_{-1,3}(x_1) + 3.93 B_{0,3}(x_1) + 6.41 B_{1,3}(x_1) + 3.75 B_{-2,3}(x_2) + 7.98 B_{-1,3}(x_2) + 1.93 B_{0,3}(x_2) + 1.45 B_{1,3}(x_2) + 0.85 B_{2,3}(x_2) + 10.64 B_{-2,3}(x_3) + 3.82 B_{-1,3}(x_3) + 6.89 B_{0,3}(x_3) + 4.40 B_{1,3}(x_3) + 6.01 B_{2,3}(x_3) + 0.74 B_{-2,3}(x_4) + 3.54 B_{-1,3}(x_4) + 5.89 B_{0,3}(x_4) - 1.07 B_{1,3}(x_4) + 0.89 B_{-2,3}(x_5) - 3.24 B_{-1,3}(x_5) - 3.28 B_{0,3}(x_5) + 7.08 B_{1,3}(x_5) + 7.99 B_{2,3}(x_5)$
9.	Pangkajene dan Kepulauan	$\hat{y}_{2.9} = 5.38 B_{-2,3}(x_1) + 4.89 B_{-1,3}(x_1) + 1.31 B_{0,3}(x_1) + 6.30 B_{1,3}(x_1) + 7.37 B_{-2,3}(x_2) + 2.45 B_{-1,3}(x_2) + 2.41 B_{0,3}(x_2) + 0.25 B_{1,3}(x_2) + 0.45 B_{2,3}(x_2) + 8.85 B_{-2,3}(x_3) + 5.82 B_{-1,3}(x_3) + 1.85 B_{0,3}(x_3) + 4.82 B_{1,3}(x_3) + 11.07 B_{2,3}(x_3) + 0.35 B_{-2,3}(x_4) - 0.70 B_{-1,3}(x_4) + 1.53 B_{0,3}(x_4) + 0.94 B_{1,3}(x_4) + 0.48 B_{-2,3}(x_5) + 1.38 B_{-1,3}(x_5) + 2.27 B_{0,3}(x_5) + 4.34 B_{1,3}(x_5) + 5.88 B_{2,3}(x_5)$
10.	Barru	$\hat{y}_{2.10} = 7.19 B_{-2,3}(x_1) + 1.98 B_{-1,3}(x_1) - 3.60 B_{0,3}(x_1) + 3.62 B_{1,3}(x_1) + 9.86 B_{-2,3}(x_2) + 1.66 B_{-1,3}(x_2) + 0.58 B_{0,3}(x_2) - 2.92 B_{1,3}(x_2) + 0.18 B_{2,3}(x_2) + 3.31 B_{-2,3}(x_3) + 0.18 B_{-1,3}(x_3) + 4.88 B_{0,3}(x_3) + 4.13 B_{1,3}(x_3) + 5.11 B_{2,3}(x_3) + 0.02 B_{-2,3}(x_4) + 0.38 B_{-1,3}(x_4) + 1.19 B_{0,3}(x_4) + 2.48 B_{1,3}(x_4) + 0.62 B_{-2,3}(x_5) + 2.37 B_{-1,3}(x_5) + 1.61 B_{0,3}(x_5) + 5.20 B_{1,3}(x_5) + 6.71 B_{2,3}(x_5)$
11.	Bone	$\hat{y}_{2.11} = 1.46 B_{-2,3}(x_1) + 2.66 B_{-1,3}(x_1) + 4.45 B_{0,3}(x_1) + 3.04 B_{1,3}(x_1) + 7.10 B_{-2,3}(x_2) + 6.62 B_{-1,3}(x_2) - 2.07 B_{0,3}(x_2) - 1.51 B_{1,3}(x_2) + 4.52 B_{2,3}(x_2) + 5.92 B_{-2,3}(x_3) - 0.25 B_{-1,3}(x_3) + 1.39 B_{0,3}(x_3) + 4.48 B_{1,3}(x_3) + 5.18 B_{2,3}(x_3) + 8.43 B_{-2,3}(x_4) + 6.84 B_{-1,3}(x_4) + 1.18 B_{0,3}(x_4) + 2.13 B_{1,3}(x_4) + 0.11 B_{-2,3}(x_5) + 3.41 B_{-1,3}(x_5) + 5.22 B_{0,3}(x_5) + 2.39 B_{1,3}(x_5) - 0.88 B_{2,3}(x_5)$
12.	Soppeng	$\hat{y}_{2.12} = 0.75 B_{-2,3}(x_1) + 5.35 B_{-1,3}(x_1) + 4.05 B_{0,3}(x_1) + 2.73 B_{1,3}(x_1) + 4.64 B_{-2,3}(x_2) + 4.50 B_{-1,3}(x_2) + 2.30 B_{0,3}(x_2) + 0.69 B_{1,3}(x_2) + 0.29 B_{2,3}(x_2) + 8.23 B_{-2,3}(x_3) + 1.83 B_{-1,3}(x_3) + 6.19 B_{0,3}(x_3) + 4.12 B_{1,3}(x_3) + 3.60 B_{2,3}(x_3) + 5.62 B_{-2,3}(x_4) + 2.60 B_{-1,3}(x_4) + 6.22 B_{0,3}(x_4) + 3.31 B_{1,3}(x_4) + 2.09 B_{-2,3}(x_5) - 0.26 B_{-1,3}(x_5) + 3.38 B_{0,3}(x_5) + 6.92 B_{1,3}(x_5) + 7.86 B_{2,3}(x_5)$

No.	Kabupaten/Kota	Estimasi Model
13.	Wajo	$\hat{y}_{2.13} = 0.06 B_{-2,3}(x_1) + 7.66 B_{-1,3}(x_1) + 1.72 B_{0,3}(x_1) + 0.01 B_{1,3}(x_1) + 3.56 B_{-2,3}(x_2) + 5.77 B_{-1,3}(x_2) + 1.12 B_{0,3}(x_2) - 1.06 B_{1,3}(x_2) + 0.27 B_{2,3}(x_2) + 9.75 B_{-2,3}(x_3) + 1.27 B_{-1,3}(x_3) - 0.05 B_{0,3}(x_3) + 8.17 B_{1,3}(x_3) + 7.27 B_{2,3}(x_3) + 6.96 B_{-2,3}(x_4) + 5.26 B_{-1,3}(x_4) + 2.20 B_{0,3}(x_4) + 1.92 B_{1,3}(x_4) + 0.36 B_{-2,3}(x_5) + 4.58 B_{-1,3}(x_5) + 4.44 B_{0,3}(x_5) + 5.84 B_{1,3}(x_5) + 7.34 B_{2,3}(x_5)$
14.	Sindereng Rappang	$\hat{y}_{2.14} = 2.30 B_{-2,3}(x_1) + 0.04 B_{-1,3}(x_1) + 0.78 B_{0,3}(x_1) + 4.49 B_{1,3}(x_1) + 4.02 B_{-2,3}(x_2) + 3.38 B_{-1,3}(x_2) - 1.67 B_{0,3}(x_2) + 1.88 B_{1,3}(x_2) + 0.68 B_{2,3}(x_2) + 6.95 B_{-2,3}(x_3) + 0.55 B_{-1,3}(x_3) + 3.19 B_{0,3}(x_3) + 3.87 B_{1,3}(x_3) + 8.02 B_{2,3}(x_3) + 1.84 B_{-2,3}(x_4) + 0.24 B_{-1,3}(x_4) + 1.27 B_{0,3}(x_4) - 1.92 B_{1,3}(x_4) - 0.38 B_{-2,3}(x_5) + 1.77 B_{-1,3}(x_5) + 6.21 B_{0,3}(x_5) + 6.78 B_{1,3}(x_5) + 7.91 B_{2,3}(x_5)$
15.	Pinrang	$\hat{y}_{2.15} = 2.15 B_{-2,3}(x_1) + 3.31 B_{-1,3}(x_1) + 13.25 B_{0,3}(x_1) - 5.81 B_{1,3}(x_1) + 18.81 B_{-2,3}(x_2) + 22.26 B_{-1,3}(x_2) - 4.759 B_{0,3}(x_2) - 5.57 B_{1,3}(x_2) - 1.36 B_{2,3}(x_2) + 2.18 B_{-2,3}(x_3) + 1.88 B_{-1,3}(x_3) + 6.17 B_{0,3}(x_3) + 4.06 B_{1,3}(x_3) - 1.36 B_{2,3}(x_3) + 8.93 B_{-2,3}(x_4) + 2.03 B_{-1,3}(x_4) + 3.23 B_{0,3}(x_4) + 6.85 B_{1,3}(x_4) + 1.38 B_{-2,3}(x_5) + 13.23 B_{-1,3}(x_5) - 7.30 B_{0,3}(x_5) + 4.82 B_{1,3}(x_5) + 6.83 B_{2,3}(x_5)$
16.	Enrekang	$\hat{y}_{2.16} = 1.39 B_{-2,3}(x_1) - 0.13 B_{-1,3}(x_1) + 4.49 B_{0,3}(x_1) + 5.43 B_{1,3}(x_1) + 1.66 B_{-2,3}(x_2) + 12.47 B_{-1,3}(x_2) - 2.18 B_{0,3}(x_2) - 0.51 B_{1,3}(x_2) + 0.08 B_{2,3}(x_2) + 3.08 B_{-2,3}(x_3) + 0.03 B_{-1,3}(x_3) + 3.72 B_{0,3}(x_3) + 6.03 B_{1,3}(x_3) + 3.22 B_{2,3}(x_3) + 5.92 B_{-2,3}(x_4) + 2.92 B_{-1,3}(x_4) + 3.40 B_{0,3}(x_4) + 3.47 B_{1,3}(x_4) + 0.06 B_{-2,3}(x_5) + 0.38 B_{-1,3}(x_5) + 1.03 B_{0,3}(x_5) + 7.28 B_{1,3}(x_5) + 1.48 B_{2,3}(x_5)$
17.	Luwu	$\hat{y}_{2.17} = 0.87 B_{-2,3}(x_1) + 6.17 B_{-1,3}(x_1) + 0.66 B_{0,3}(x_1) + 1.36 B_{1,3}(x_1) + 4.46 B_{-2,3}(x_2) + 3.05 B_{-1,3}(x_2) + 1.26 B_{0,3}(x_2) - 0.57 B_{1,3}(x_2) + 1.25 B_{2,3}(x_2) + 7.64 B_{-2,3}(x_3) + 3.16 B_{-1,3}(x_3) + 1.19 B_{0,3}(x_3) + 3.84 B_{1,3}(x_3) + 5.14 B_{2,3}(x_3) + 6.35 B_{-2,3}(x_4) + 5.52 B_{-1,3}(x_4) + 1.14 B_{0,3}(x_4) + 1.53 B_{1,3}(x_4) + 0.03 B_{-2,3}(x_5) + 0.26 B_{-1,3}(x_5) + 0.33 B_{0,3}(x_5) + 1.05 B_{1,3}(x_5) + 6.82 B_{2,3}(x_5)$
18.	Tana Toraja	$\hat{y}_{2.18} = 2.67 B_{-2,3}(x_1) + 1.87 B_{-1,3}(x_1) + 0.16 B_{0,3}(x_1) + 4.42 B_{1,3}(x_1) + 3.65 B_{-2,3}(x_2) + 0.75 B_{-1,3}(x_2) + 0.74 B_{0,3}(x_2) + 1.31 B_{1,3}(x_2) + 0.61 B_{2,3}(x_2) + 5.23 B_{-2,3}(x_3) + 4.41 B_{-1,3}(x_3) + 0.20 B_{0,3}(x_3) + 1.83 B_{1,3}(x_3) + 1.74 B_{2,3}(x_3) + 4.90 B_{-2,3}(x_4) + 3.94 B_{-1,3}(x_4) + 0.59 B_{0,3}(x_4) + 1.92 B_{1,3}(x_4) + 0.08 B_{-2,3}(x_5) + 0.93 B_{-1,3}(x_5) + 2.83 B_{0,3}(x_5) + 1.72 B_{1,3}(x_5) + 1.90 B_{2,3}(x_5)$

No.	Kabupaten/Kota	Estimasi Model
19.	Luwu Utara	$\hat{y}_{2.19} = 2.93 B_{-2,3}(x_1) + 1.97 B_{-1,3}(x_1) + 2.37 B_{0,3}(x_1) + 4.13 B_{1,3}(x_1) + 2.52 B_{-2,3}(x_2) + 7.43 B_{-1,3}(x_2) - 0.76 B_{0,3}(x_2) + 1.79 B_{1,3}(x_2) + 0.49 B_{2,3}(x_2) + 4.08 B_{-2,3}(x_3) + 1.50 B_{-1,3}(x_3) + 1.58 B_{0,3}(x_3) + 5.39 B_{1,3}(x_3) + 2.59 B_{2,3}(x_3) + 4.55 B_{-2,3}(x_4) + 3.25 B_{-1,3}(x_4) + 2.86 B_{0,3}(x_4) + 2.36 B_{1,3}(x_4) + 0.23 B_{-2,3}(x_5) + 1.91 B_{-1,3}(x_5) + 1.83 B_{0,3}(x_5) - 0.48 B_{1,3}(x_5) + 7.11 B_{2,3}(x_5)$
20.	Luwu Timur	$\hat{y}_{2.20} = 1.43 B_{-2,3}(x_1) + 3.84 B_{-1,3}(x_1) + 1.03 B_{0,3}(x_1) + 2.21 B_{1,3}(x_1) - 1.84 B_{-2,3}(x_2) + 9.44 B_{-1,3}(x_2) - 2.15 B_{0,3}(x_2) + 1.64 B_{1,3}(x_2) + 0.15 B_{2,3}(x_2) + 1.76 B_{-2,3}(x_3) - 0.01 B_{-1,3}(x_3) + 1.16 B_{0,3}(x_3) + 4.18 B_{1,3}(x_3) + 2.36 B_{2,3}(x_3) + 5.18 B_{-2,3}(x_4) + 3.15 B_{-1,3}(x_4) + 2.09 B_{0,3}(x_4) + 1.84 B_{1,3}(x_4) - 3.48 B_{-2,3}(x_5) + 3.09 B_{-1,3}(x_5) + 7.47 B_{0,3}(x_5) + 7.98 B_{1,3}(x_5) + 8.19 B_{2,3}(x_5)$
21.	Toraja Utara	$\hat{y}_{2.21} = 1.55 B_{-2,3}(x_1) + 2.58 B_{-1,3}(x_1) + 4.05 B_{0,3}(x_1) + 2.21 B_{1,3}(x_1) + 2.30 B_{-2,3}(x_2) + 4.75 B_{-1,3}(x_2) + 0.42 B_{0,3}(x_2) + 1.36 B_{1,3}(x_2) - 0.31 B_{2,3}(x_2) + 1.38 B_{-2,3}(x_3) + 0.36 B_{-1,3}(x_3) + 2.71 B_{0,3}(x_3) + 6.08 B_{1,3}(x_3) + 0.50 B_{2,3}(x_3) + 0.02 B_{-2,3}(x_4) + 5.48 B_{-1,3}(x_4) + 3.38 B_{0,3}(x_4) + 0.50 B_{1,3}(x_4) + 0.26 B_{-2,3}(x_5) + 2.13 B_{-1,3}(x_5) + 1.29 B_{0,3}(x_5) + 3.63 B_{1,3}(x_5) + 3.93 B_{2,3}(x_5)$
22.	Makassar	$\hat{y}_{2.22} = 5.17 B_{-2,3}(x_1) + 1.42 B_{-1,3}(x_1) + 3.94 B_{0,3}(x_1) + 0.22 B_{1,3}(x_1) + 11.26 B_{-2,3}(x_2) - 0.14 B_{-1,3}(x_2) + 1.25 B_{0,3}(x_2) - 1.62 B_{1,3}(x_2) + 0.82 B_{2,3}(x_2) + 8.33 B_{-2,3}(x_3) - 2.62 B_{-1,3}(x_3) + 7.03 B_{0,3}(x_3) + 6.34 B_{1,3}(x_3) + 5.42 B_{2,3}(x_3) + 7.26 B_{-2,3}(x_4) + 5.86 B_{-1,3}(x_4) + 4.25 B_{0,3}(x_4) + 0.64 B_{1,3}(x_4) + 1.21 B_{-2,3}(x_5) + 3.09 B_{-1,3}(x_5) + 6.45 B_{0,3}(x_5) + 8.29 B_{1,3}(x_5) + 10.55 B_{2,3}(x_5)$
23.	Parepare	$\hat{y}_{2.23} = 1.87 B_{-2,3}(x_1) + 4.17 B_{-1,3}(x_1) + 4.71 B_{0,3}(x_1) + 3.67 B_{1,3}(x_1) + 2.35 B_{-2,3}(x_2) + 3.72 B_{-1,3}(x_2) + 3.86 B_{0,3}(x_2) + 2.62 B_{1,3}(x_2) + 1.02 B_{2,3}(x_2) + 5.31 B_{-2,3}(x_3) + 3.51 B_{-1,3}(x_3) + 2.81 B_{0,3}(x_3) + 6.22 B_{1,3}(x_3) + 7.42 B_{2,3}(x_3) + 8.23 B_{-2,3}(x_4) + 6.88 B_{-1,3}(x_4) + 3.63 B_{0,3}(x_4) + 2.04 B_{1,3}(x_4) + 4.48 B_{-2,3}(x_5) + 4.08 B_{-1,3}(x_5) + 3.99 B_{0,3}(x_5) + 5.98 B_{1,3}(x_5) + 7.69 B_{2,3}(x_5)$
24.	Palopo	$\hat{y}_{2.24} = 3.01 B_{-2,3}(x_1) - 2.04 B_{-1,3}(x_1) + 3.08 B_{0,3}(x_1) + 2.58 B_{1,3}(x_1) + 1.26 B_{-2,3}(x_2) + 0.17 B_{-1,3}(x_2) + 0.43 B_{0,3}(x_2) + 5.84 B_{1,3}(x_2) + 1.14 B_{2,3}(x_2) + 5.64 B_{-2,3}(x_3) + 5.30 B_{-1,3}(x_3) + 0.56 B_{0,3}(x_3) + 1.84 B_{1,3}(x_3) + 2.26 B_{2,3}(x_3) + 7.59 B_{-2,3}(x_4) + 6.09 B_{-1,3}(x_4) + 1.35 B_{0,3}(x_4) + 0.27 B_{1,3}(x_4) + 1.93(x_5) - 0.03 B_{-1,3}(x_5) - 0.04 B_{0,3}(x_5) + 5.85 B_{1,3}(x_5) + 8.94 B_{2,3}(x_5)$