

Appendix A-D

Appendix A. The Value of Dependent Variables

No	Sub-Districts	Districts	Days to First Case (DFC)	Case per 1000 (C1000) per 30 September 2020	Exponential Growth (G) per 10 December 2020	Exponential Growth per 1000 population (G1000) per 10 Desember 2020
1	Bambanglipuro	Bantul	29	0.78	0.14	1.71
2	Banguntapan	Bantul	29	0.86	0.21	2.3
3	Bantul	Bantul	18	0.55	0.14	1.92
4	Dlingo	Bantul	158	0.11	0.07	0.16
5	Imogiri	Bantul	108	0.48	0.15	1.14
6	Jetisbantul	Bantul	29	0.56	0.15	1.45
7	Kasih	Bantul	48	1.04	0.22	2.39
8	Kretek	Bantul	118	0.56	0.12	1.58
9	Pandak	Bantul	98	0.51	0.13	1.5
10	Pajangan	Bantul	78	0.53	0.11	2.12
11	Piyungan	Bantul	78	0.47	0.14	1.43
12	Pleret	Bantul	68	0.21	0.12	1.38
13	Pundong	Bantul	158	0.25	0.08	0.77
14	Sanden	Bantul	118	0.83	0.14	1.68
15	Sedayu	Bantul	28	0.66	0.14	1.42
16	Sewon	Bantul	38	0.91	0.21	4.35
17	Srandakan	Bantul	78	0.82	0.13	1.43
18	Gedangsari	Gunungkidul	158	0.26	0.09	0.17
19	Girisubo	Gunungkidul	188	0.04	0.03	1.12
20	Karangmojo	Gunungkidul	88	0.49	0.14	0.73
21	Ngawen	Gunungkidul	78	0.62	0.09	1.09
22	Nglipar	Gunungkidul	78	0.22	0.09	0.38
23	Paliyan	Gunungkidul	68	0.19	0.07	0.52
24	Panggung	Gunungkidul	78	0.28	0.07	0.98

25	Patuk	Gunungkidul	88	0.34	0.1	0.85
26	Playen	Gunungkidul	88	0.37	0.12	0.8
27	Ponjong	Gunungkidul	28	0.33	0.12	0.33
28	Purwosari	Gunungkidul	68	0.33	0.07	0.34
29	Rongkop	Gunungkidul	178	0.17	0.07	0.32
30	Saptosari	Gunungkidul	68	0.24	0.08	0.82
31	Semanu	Gunungkidul	78	0.29	0.14	0.55
32	Semin	Gunungkidul	108	0.23	0.11	0.22
33	Tanjungsari	Gunungkidul	68	0.14	0.05	0.46
34	tepus	Gunungkidul	188	0.06	0.06	1.43
35	Wonosari	Gunungkidul	48	0.65	0.18	4.47
36	Danurejan	Kota	68	1.52	0.15	0.72
37	Gedongtengen	Kota	18	0.7	0.09	5.4
38	Gondokusuman	Kota	28	1.15	0.18	1.75
39	Gondomanan	Kota	158	0.93	0.15	2.54
40	Jetis Kota	Kota	188	0.91	0.14	1.48
41	Kotagede	Kota	158	0.58	0.14	1.91
42	Kraton	Kota	168	0.96	0.15	3.09
43	Mantrijeron	Kota	68	0.85	0.13	2.18
44	Mergangsan	Kota	28	0.7	0.13	2.96
45	Ngampilan	Kota	48	1.83	0.14	2.85
46	Pakualaman	Kota	168	1.6	0.18	6.5
47	Tegalrejo	Kota	38	0.86	0.15	2.95
48	Umbulharjo	Kota	18	0.9	0.21	2.93
49	Wirobrajan	Kota	38	1.05	0.14	2.55
50	Galur	Kulonprogo	138	0.48	0.13	1.72
51	Girimulyo	Kulonprogo	218	0	0.04	0.35
52	Kalibawang	Kulonprogo	188	0.11	0.07	0.5
53	Kokap	Kulonprogo	188	0.86	0.15	1.67
54	Lendah	Kulonprogo	68	0.58	0.14	1.13
55	Nanggulan	Kulonprogo	78	0.13	0.09	2.18

56	Panjatan	Kulonprogo	178	0.14	0.11	2.96
57	Pengasih	Kulonprogo	138	0.52	0.16	2.85
58	Samigaluh	Kulonprogo	68	0.08	0.04	6.5
59	Sentolo	Kulonprogo	68	0.43	0.16	2.95
60	Temon	Kulonprogo	48	0.74	0.13	2.93
61	Wates	Kulonprogo	48	0.56	0.15	2.55
62	Berbah	Sleman	28	0.38	0.16	0.35
63	Cangkringan	Sleman	158	0.27	0.12	0.5
64	Depok	Sleman	28	1.1	0.26	1.67
65	Gamping	Sleman	28	1.35	0.25	1.13
66	Godean	Sleman	48	1.01	0.21	1.72
67	Kalasan	Sleman	28	0.9	0.21	1.18
68	Minggir	Sleman	78	0.9	0.12	1.89
69	Mlati	Sleman	28	1.49	0.24	0.3
70	Moyudan	Sleman	28	0.73	0.13	1.72
71	Ngaglik	Sleman	28	1.48	0.25	1.52
72	Ngemplak	Sleman	28	0.85	0.2	2.19
73	Pakem	Sleman	28	0.74	0.16	2.69
74	Prambanan	Sleman	108	0.43	0.14	1.26
75	Seyegan	Sleman	78	1.07	0.18	3.45
76	Sleman	Sleman	78	0.68	0.18	4.1
77	Tempel	Sleman	78	0.99	0.15	2.84
78	Turi	Sleman	68	0.38	0.11	2.58

Appendix B. The Value of Independent Variables (Part 1)

No	Sub-Districts	Districts	Area (square m)	Built-Up Area (square) in Percentage (%)	Population		Gross Population Density		Nett Population Density		Distance to Main Urban Center	GDP per Capita		Rate of Economic Growth	Agricul-ture
						in“ln”		in“ln”		in“ln”			in“ln”		
1	Bambanglipuro	Bantul	22.69	7.71	38,517	10.56	1,698	7.44	22,010	10.00	20.8	14,178,168.62	16.47	0.0995	15.23
2	Banguntapan	Bantul	28.48	14.50	142,620	11.87	5,008	8.52	34,533	10.45	7.5	16,577,999.67	16.62	0.0995	10.23
3	Bantul	Bantul	21.96	7.74	63,183	11.05	2,877	7.96	37,166	10.52	13.4	17,296,760.79	16.67	0.0995	10.10
4	Dlingo	Bantul	55.87	2.17	36,808	10.51	659	6.49	30,420	10.32	27.8	10,824,463.84	16.20	0.0995	41.50
5	Imogiri	Bantul	54.49	4.39	58,751	10.98	1,078	6.98	24,582	10.11	17.4	14,575,969.83	16.49	0.0995	11.08
6	Jetisbantul	Bantul	24.47	16.63	55,083	10.92	2,251	7.72	13,534	9.51	12.6	12,983,406.75	16.38	0.0995	13.24
7	Kasihan	Bantul	32.38	16.80	126,972	11.75	3,921	8.27	23,340	10.06	9.3	14,023,452.87	16.46	0.0995	7.18
8	Kretek	Bantul	26.77	1.42	30,451	10.32	1,138	7.04	80,134	11.29	25.8	14,817,946.48	16.51	0.0995	0.14
9	Pandak	Bantul	24.3	3.70	49,397	10.81	2,033	7.62	54,886	10.91	20.0	14,817,946.48	16.51	0.0995	9.78
10	Pajangan	Bantul	33.25	3.37	35,897	10.49	1,080	6.98	32,051	10.38	15.4	16,995,211.57	16.65	0.0995	26.85
11	Piyungan	Bantul	32.54	10.23	55,341	10.92	1,701	7.44	16,619	9.72	14.7	14,575,969.83	16.49	0.0995	21.77
12	Pleret	Bantul	22.97	10.10	47,123	10.76	2,052	7.63	20,312	9.92	14.1	10,835,478.38	16.20	0.0995	14.51
13	Pundong	Bantul	23.68	3.46	32,550	10.39	1,375	7.23	39,695	10.59	21.6	13,948,402.20	16.45	0.0995	12.75
14	Sanden	Bantul	23.16	2.20	30,269	10.32	1,307	7.18	59,351	10.99	25.6	11,868,101.44	16.29	0.0995	11.61

No	Sub-Districts	Districts	Area (square m)	Built-Up Area (square) in Percentage (%)	Population		Gross Population Density		Nett Population Density		Distance to Main Urban Center	GDP per Capita		Rate of Economic Growth	Agricul-ture
						in“ln”		in“ln”		in“ln”			in“ln”		
15	Sedayu	Bantul	34.36	7.95	47,292	10.76	1,376	7.23	17,323	9.76	16.6	13,398,419.98	16.41	0.0995	28.08
16	Sewon	Bantul	27.16	17.42	115,683	11.66	4,259	8.36	24,457	10.10	7.8	13,919,129.01	16.45	0.0995	12.10
17	Srandakan	Bantul	18.32	4.09	29,327	10.29	1,601	7.38	39,103	10.57	27.2	17,226,202.13	16.66	0.0995	5.87
18	Gedangsari	Gunungkidu 1	68,14	27.19	38,073	10.55	559	6.33	2,055	7.63	40.5	14,200,574.88	16.47	-0.3443	44.00
19	Girisubo	Gunungkidu 1	94,57	29.63	23,923	10.08	253	5.53	854	6.75	79.1	10,461,361.08	16.16	-0.3443	54.79
20	Karangmojo	Gunungkidu 1	80,12	42.40	52,660	10.87	657	6.49	1,550	7.35	45.9	15,178,261.98	16.54	-0.3443	27.66
21	Ngawen	Gunungkidu 1	46,59	27.19	34,134	10.44	733	6.60	2,694	7.90	48.1	13,332,970.86	16.41	-0.3443	29.01
22	Nglipar	Gunungkidu 1	73,87	27.85	32,092	10.38	434	6.07	1,560	7.35	38.2	12,571,357.44	16.35	-0.3443	26.61
23	Paliyan	Gunungkidu 1	58,07	15.60	31,436	10.36	541	6.29	3,470	8.15	42.8	16,990,191.85	16.65	-0.3443	26.16
24	Panggung	Gunungkidu 1	99,80	7.04	28,737	10.27	288	5.66	4,088	8.32	33.7	13,180,531.86	16.39	-0.3443	68.17
25	Patuk	Gunungkidu 1	72,04	29.46	32,748	10.40	455	6.12	1,543	7.34	27.0	12,887,246.67	16.37	-0.3443	38.84
26	Playen	Gunungkidu 1	105,26	15.68	58,860	10.98	559	6.33	3,567	8.18	34.6	14,816,236.51	16.51	-0.3443	41.52
27	Ponjong	Gunungkidu 1	104,49	19.43	53,754	10.89	514	6.24	2,648	7.88	53.0	14,532,689.24	16.49	-0.3443	0.73
28	Purwosari	Gunungkidu 1	71,76	6.51	20,933	9.95	292	5.68	4,482	8.41	33.4	15,585,418.45	16.56	-0.3443	55.84
29	Rongkop	Gunungkidu 1	83,46	7.60	29,029	10.28	348	5.85	4,579	8.43	68.7	14,182,660.68	16.47	-0.3443	48.63

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						in“ln”		in“ln”		in“ln”			in“ln”		
30	Saptosari	Gunungkidu 1	87,83	9.47	36,979	10.52	421	6.04	4,445	8.40	46.3	12,945,632.67	16.38	-0.3443	69.50
31	Semanu	Gunungkidu 1	108,39	18.06	55,869	10.93	515	6.25	2,853	7.96	47.1	13,723,753.08	16.43	-0.3443	71.67
32	Semin	Gunungkidu 1	78.92	21.17	52,952	10.88	671	6.51	3,169	8.06	54.9	13,635,550.91	16.43	-0.3443	58.42
33	Tanjungsari	Gunungkidu 1	71.63	14.27	27,716	10.23	387	5.96	2,712	7.91	54.6	15,287,993.92	16.54	-0.3443	0.61
34	tepus	Gunungkidu 1	104.91	6.06	34,426	10.45	328	5.79	5,413	8.60	61.8	14,355,366.61	16.48	-0.3443	95.41
35	Wonosari	Gunungkidu 1	75.51	33.53	85,044	11.35	1,126	7.03	3,359	8.12	40.6	11,498,798.90	16.26	-0.3443	41.92
36	Danurejan	Kota	1.1	88.18	19,698	9.89	17,908	9.79	20,308	9.92	1.1	20,707,059.42	16.85	0.2119	0.02
37	Gedongtengen	Kota	0.96	88.54	18,459	9.82	19,228	9.86	21,716	9.99	0.8	104,925,000.00	18.47	0.2119	0.00
38	Gondokusuman	Kota	3.97	91.18	48,642	10.79	12,253	9.41	13,437	9.51	2.3	51,273,300.00	17.75	0.2119	0.04
39	Gondomanan	Kota	1.12	89.29	13,991	9.55	12,492	9.43	13,991	9.55	1.6	75,445,500.00	18.14	0.2119	0.57
40	Jetis Kota	Kota	1.72	87.21	25,187	10.13	14,643	9.59	16,791	9.73	2.6	110,012,500.00	18.52	0.2119	0.16
41	Kotagede	Kota	3.07	84.69	34,629	10.45	11,280	9.33	13,319	9.50	5.9	71,353,700.00	18.08	0.2119	0.00
42	Kraton	Kota	1.4	88.57	18,764	9.84	13,403	9.50	15,132	9.62	2.6	24,821,000.00	17.03	0.2119	0.00
43	Mantrijeron	Kota	2.61	86.59	33,996	10.43	13,025	9.47	15,042	9.62	4.1	29,310,300.00	17.19	0.2119	0.00
44	Mergangsan	Kota	2.31	84.42	31,457	10.36	13,618	9.52	16,132	9.69	4.2	30,360,400.00	17.23	0.2119	0.00

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						in“ln”		in“ln”		in“ln”			in“ln”		
45	Ngampilan	Kota	0.82	85.37	17,527	9.77	21,375	9.97	25,039	10.13	1.7	33,355,500.00	17.32	0.2119	0.00
46	Pakualaman	Kota	0.63	82.54	10,008	9.21	15,885	9.67	19,246	9.87	1.6	26,235,400.00	17.08	0.2119	0.00
47	Tegalrejo	Kota	2.91	78.01	38,587	10.56	13,260	9.49	16,999	9.74	3.4	26,467,500.00	17.09	0.2119	0.00
48	Umbulharjo	Kota	8.12	78.45	85,110	11.35	10,482	9.26	13,361	9.50	4.3	29,626,500.00	17.20	0.2119	0.00
49	Wirobrajan	Kota	1.76	90.34	26,676	10.19	15,157	9.63	16,778	9.73	2.8	52,973,200.00	17.79	0.2119	0.22
50	Galur	Kulonprogo	155.87	1.30	31,405	10.35	201	5.31	15,470	9.65	30.3	45,664,700.00	17.64	-0.5290	21.82
51	Girimulyo	Kulonprogo	112.17	10.32	22,891	10.04	204	5.32	1,977	7.59	26.1	15,099,378.43	16.53	-0.5290	37.98
52	Kalibawang	Kulonprogo	136.08	11.27	28,080	10.24	206	5.33	1,831	7.51	27.2	14,746,854.03	16.51	-0.5290	26.24
53	Kokap	Kulonprogo	160.23	8.41	32,396	10.39	202	5.31	2,403	7.78	36.8	12,859,060.61	16.37	-0.5290	6.81
54	Lendah	Kulonprogo	198.17	10.23	39,753	10.59	201	5.30	1,960	7.58	28.5	9,894,742.17	16.11	-0.5290	24.20
55	Nanggulan	Kulonprogo	144.5	7.28	29,731	10.30	206	5.33	2,826	7.95	23.0	8,861,663.53	16.00	-0.5290	13.83
56	Panjatan	Kulonprogo	178.55	11.18	36,512	10.51	204	5.32	1,829	7.51	35.3	13,678,834.06	16.43	-0.5290	35.92
57	Pengasih	Kulonprogo	242.71	8.55	49,768	10.82	205	5.32	2,398	7.78	28.3	12,299,882.64	16.33	-0.5290	40.02
58	Samigaluh	Kulonprogo	130.21	13.20	26,416	10.18	203	5.31	1,537	7.34	33.2	16,546,560.58	16.62	-0.5290	36.69
59	Sentolo	Kulonprogo	243.06	10.89	48,920	10.80	201	5.30	1,849	7.52	23.3	11,977,630.15	16.30	-0.5290	15.51

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						in“ln”		in“ln”		in“ln”			in“ln”		
60	Temon	Kulonprogo	132.54	8.44	26,960	10.20	203	5.32	2,409	7.79	39.7	14,701,523.34	16.50	-0.5290	23.29
61	Wates	Kulonprogo	238.36	5.59	48,463	10.79	203	5.31	3,638	8.20	34.5	13,174,546.59	16.39	-0.5290	17.39
62	Berbah	Sleman	22.99	33.64	57,691	10.96	2,509	7.83	7,460	8.92	10.0	23,185,584.16	16.96	0.4641	12.94
63	Cangkringan	Sleman	47.99	19.58	29,321	10.29	611	6.42	3,120	8.05	23.5	17,362,402.41	16.67	0.4641	34.49
64	Depok	Sleman	35.55	68.32	188,771	12.15	5,310	8.58	7,772	8.96	8.1	17,166,425.25	16.66	0.4641	4.89
65	Gamping	Sleman	29.25	51.96	107,084	11.58	3,661	8.21	7,046	8.86	5.5	23,583,468.95	16.98	0.4641	10.79
66	Godean	Sleman	26.84	40.29	71,239	11.17	2,654	7.88	6,587	8.79	10.0	14,296,779.72	16.48	0.4641	18.60
67	Kalasan	Sleman	35.84	34.05	85,220	11.35	2,378	7.77	6,982	8.85	16.1	18,486,954.83	16.73	0.4641	22.62
68	Minggir	Sleman	27.27	30.42	29,844	10.30	1,094	7.00	3,597	8.19	20.5	18,858,542.89	16.75	0.4641	15.57
69	Mlati	Sleman	28.52	55.24	112,021	11.63	3,928	8.28	7,110	8.87	10.5	50,881,851.58	17.75	0.4641	9.79
70	Moyudan	Sleman	27.62	31.99	31,458	10.36	1,139	7.04	3,560	8.18	16.1	17,188,132.53	16.66	0.4641	14.41
71	Ngaglik	Sleman	38.52	45.48	117,751	11.68	3,057	8.03	6,721	8.81	10.7	23,180,761.54	16.96	0.4641	17.23
72	Ngemplak	Sleman	35.71	32.38	65,016	11.08	1,821	7.51	5,622	8.63	17.6	14,928,310.89	16.52	0.4641	20.84
73	Pakem	Sleman	43.84	23.34	37,733	10.54	861	6.76	3,688	8.21	20.2	18,140,450.74	16.71	0.4641	20.38
74	Prambanan	Sleman	41.35	23.16	48,395	10.79	1,170	7.06	5,054	8.53	20.4	29,527,623.29	17.20	0.4641	24.54

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						in“ln”		in“ln”		in“ln”			in“ln”		
75	Seyegan	Sleman	26.63	33.15	46,902	10.76	1,761	7.47	5,313	8.58	15.0	23,828,246.67	16.99	0.4641	23.81
76	Sleman	Sleman	31.32	35.09	67,201	11.12	2,146	7.67	6,114	8.72	14.6	17,999,612.78	16.71	0.4641	22.59
77	Tempel	Sleman	32.49	30.61	50,599	10.83	1,557	7.35	5,088	8.53	18.7	55,684,802.96	17.84	0.4641	19.11
78	Turi	Sleman	43.09	19.56	34,233	10.44	794	6.68	4,062	8.31	22.0	21,173,205.96	16.87	0.4641	25.79

Appendix C. The Value of Independent Variables (Part2)

No	Sub-Districts	Districts	Educational Level	Working Age Population		Accessibility Gross Density	Accessibility Nett Density	Accessibility Units per Population	Accessibility Gross Education Facility	Accessibility Nett Education Facility	Educational Facility Units per Population	Gross Health Facility Density	Nett Health Facility Density	Health Facility Units per Population
					in "In"									
1	Bambanglipuro	Bantul	35.98	27,596	10.23	0,7674	0.43851	0.00045	0,03041	0.01738	0.00002	0,00441	0.00252	0.00000
2	Banguntapan	Bantul	42.61	74,109	11.21	23,885	5.78329	0.00477	0,05302	0.01284	0.00001	0,00667	0.00162	0.00000
3	Bantul	Bantul	39.74	42,767	10.66	12,143	7.14294	0.00422	0,06056	0.03562	0.00002	0,01047	0.00616	0.00000
4	Dlingo	Bantul	16.15	26,342	10.18	0,8485	0.70124	0.00129	0,01307	0.01080	0.00002	0,00179	0.00148	0.00000
5	Imogiri	Bantul	23.22	42,296	10.65	0,7083	0.29636	0.00066	0,01505	0.00630	0.00001	0,00165	0.00069	0.00000
6	Jetisbantul	Bantul	34.36	39,048	10.57	13,389	3.28968	0.00595	0,02656	0.00653	0.00001	0,00531	0.00130	0.00000
7	Kasihani	Bantul	36.08	69,368	11.15	14,922	2.74301	0.00381	0,04293	0.00789	0.00001	0,00556	0.00102	0.00000
8	Kretek	Bantul	40.36	20,625	9.93	17,389	45.76053	0.01529	0,01756	0.04621	0.00002	0,00374	0.00984	0.00000
9	Pandak	Bantul	32.19	35,417	10.47	0,9672	1.07467	0.00048	0,03251	0.03612	0.00002	0,00247	0.00274	0.00000
10	Pajangan	Bantul	25.17	23,437	10.06	10,448	9.32857	0.00968	0,01474	0.01316	0.00001	0,00211	0.00188	0.00000
11	Piyungan	Bantul	35.53	34,316	10.44	11,563	3.47237	0.00680	0,02551	0.00766	0.00001	0,00154	0.00046	0.00000
12	Pleret	Bantul	27.84	31,529	10.36	0,5619	0.24220	0.00027	0,03004	0.01295	0.00001	0,00653	0.00281	0.00000
13	Pundong	Bantul	31.17	23,903	10.08	0,6851	0.83549	0.00050	0,02280	0.02780	0.00002	0,00296	0.00361	0.00000
14	Sanden	Bantul	38.75	21,614	9.98	0,9925	1.94608	0.00076	0,02591	0.05080	0.00002	0,00216	0.00424	0.00000
15	Sedayu	Bantul	36.77	31,188	10.35	0,9107	0.33359	0.00066	0,02357	0.00863	0.00002	0,00262	0.00096	0.00000
16	Sewon	Bantul	37.89	67,890	11.13	15,136	3.20000	0.00355	0,04823	0.01020	0.00001	0,00994	0.00210	0.00000
17	Srandakan	Bantul	36.69	21,074	9.96	15,709	20.94533	0.00981	0,02729	0.03639	0.00002	0,00655	0.00873	0.00000
18	Gedangsari	Gunungkidul	11.39	25,598	10.15	0,4622	0.02494	0.00083	0,01042	0.00056	0.00002	0,00205	0.00011	0.00000
19	Girisubo	Gunungkidul	11.44	17,834	9.79	0,7621	0.02720	0.00301	0,00571	0.00020	0.00002	0,00190	0.00007	0.00001
20	Karangmojo	Gunungkidul	25.08	36,967	10.52	0,9869	0.02905	0.00150	0,01211	0.00036	0.00002	0,00437	0.00013	0.00001
21	Ngawen	Gunungkidul	17.11	23,316	10.06	10,665	0.84175	0.01456	0,01481	0.00117	0.00002	0,00365	0.00029	0.00000
22	Nglipar	Gunungkidul	19.45	22,072	10.00	0,5756	0.02798	0.00132	0,01042	0.00051	0.00002	0,00203	0.00010	0.00000
23	Paliyan	Gunungkidul	15.63	22,029	10.00	0,9302	0.10267	0.00172	0,01274	0.00141	0.00002	0,00207	0.00023	0.00000
24	Panggung	Gunungkidul	11.,67	19,727	9.89	0,5670	0.08065	0.00197	0,00641	0.00091	0.00002	0,00200	0.00028	0.00001

No	Sub-Districts	Districts	Educational Level	Working Age Population		Accessibility Gross Density	Accessibility Nett Density	Accessibility Units per Population	Accessibility Gross Education Facility	Accessibility NettEducation Facility	Educational Facility Units per Population	Gross Health Facility Density	Nett Health Facility Density	Health Facility Units per Population
					in "In"									
25	Patuk	Gunungkidul	22.59	22,705	10.03	0,9255	0.04361	0.00204	0,01069	0.00050	0.00002	0,00305	0.00014	0.00001
26	Playen	Gunungkidul	25.39	40,097	10.60	0,8393	0.05087	0.00150	0,01587	0.00096	0.00003	0,00371	0.00022	0.00001
27	Ponjong	Gunungkidul	21.26	37,418	10.53	0,8770	0.04320	0.00170	0,01196	0.00059	0.00002	0,00220	0.00011	0.00000
28	Purwosari	Gunungkidul	12.30	13,844	9.54	0,8485	0.18169	0.00291	0,00516	0.00110	0.00002	0,00084	0.00018	0.00000
29	Rongkop	Gunungkidul	15.08	20,928	9.95	0,5932	0.09356	0.00171	0,00863	0.00136	0.00002	0,00228	0.00036	0.00001
30	Saptosari	Gunungkidul	6.38	26,283	10.18	0,5476	0.06582	0.00130	0,00911	0.00109	0.00002	0,00102	0.00012	0.00000
31	Semanu	Gunungkidul	13.92	39,667	10.59	0,6220	0.03177	0.00121	0,00840	0.00043	0.00002	0,00166	0.00008	0.00000
32	Semin	Gunungkidul	16.95	37,295	10.53	0,6725	0.04025	0.00100	0,01368	0.00082	0.00002	0,00228	0.00014	0.00000
33	Tanjungsari	Gunungkidul	9.15	19,558	9.88	0,9196	0.08998	0.00238	0,00698	0.00068	0.00002	0,00098	0.00010	0.00000
34	tepus	Gunungkidul	8.98	25,097	10.13	0,7931	0.12470	0.00242	0,00581	0.00091	0.00002	0,00095	0.00015	0.00000
35	Wonosari	Gunungkidul	29.73	58,680	10.98	23,452	0.92622	0.02082	0,02569	0.00101	0.00002	0,00927	0.00037	0.00001
36	Danurejan	Kota	6.60	15,405	9.64	12.1364	12.51172	0.00068	18.1818	18.74414	0.00102	3.63636	3.74883	0.00020
37	Gedongtengen	Kota	3.56	14,826	9.60	7.7906	9.16544	0.00041	25.0000	29.41176	0.00130	7.29167	8.57843	0.00038
38	Gondokusuman	Kota	40.99	38,274	10.55	12.7695	3.52749	0.00104	17.1285	4.73162	0.00140	6.29723	1.73957	0.00051
39	Gondomanan	Kota	47.48	11,042	9.31	13.4027	13.40268	0.00107	19.6429	19.64286	0.00157	2.67857	2.67857	0.00021
40	Jetis Kota	Kota	59.22	19,324	9.87	2.3837	1.58915	0.00016	28.4884	18.99225	0.00195	4.06977	2.71318	0.00028
41	Kotagede	Kota	26.72	29,890	10.31	11.0049	4.23265	0.00098	15.6352	6.01353	0.00139	2.93160	1.12754	0.00026
42	Kraton	Kota	0.00	14,178	9.56	13.2336	10.67224	0.00099	14.2857	11.52074	0.00107	1.42857	1.15207	0.00011
43	Mantrijeron	Kota	36.76	26,925	10.20	16.7816	7.42549	0.00129	15.3257	6.78127	0.00118	3.44828	1.52579	0.00026
44	Mergangsan	Kota	12.11	24,709	10.11	0.0000	0.00000	0.00000	17.7489	9.10201	0.00130	3.89610	1.99800	0.00029
45	Ngampilan	Kota	53.51	13,735	9.53	19.9390	28.48432	0.00093	31.7073	45.29617	0.00148	4.87805	6.96864	0.00023
46	Pakualaman	Kota	0.00	7,532	8.93	15.7683	30.32357	0.00099	23.8095	45.78755	0.00150	6.34921	12.21001	0.00040
47	Tegalrejo	Kota	47.11	30,810	10.34	0.0000	0.00000	0.00000	13.7457	6.05538	0.00104	2.06186	0.90831	0.00016
48	Umbulharjo	Kota	50.94	73,173	11.20	9.9670	1.56468	0.00095	11.3300	1.77866	0.00108	1.72414	0.27067	0.00016
49	Wirobrajan	Kota	49.66	20,960	9.95	11.2909	7.10120	0.00074	22.7273	14.29388	0.00150	4.54545	2.85878	0.00030
50	Galur	Kulonprogo	35.76	21,969	10.00	10,240	5.04433	0.05082	0,02583	0.01272	0.00013	0,00638	0.00314	0.00003

No	Sub-Districts	Districts	Educational Level	Working Age Population		Accessibility Gross Density	Accessibility Nett Density	Accessibility Units per Population	Accessibility Gross Education Facility	Accessibility NettEducation Facility	Educational Facility Units per Population	Gross Health Facility Density	Nett Health Facility Density	Health Facility Units per Population
					in "In"									
51	Girimulyo	Kulonprogo	25.67	16,493	9.71	11,254	0.97185	0.05515	0,00984	0.00085	0.00005	0,00219	0.00019	0.00001
52	Kalibawang	Kulonprogo	31.28	19,768	9.89	11,394	0.74276	0.05522	0,01246	0.00081	0.00006	0,00189	0.00012	0.00001
53	Kokap	Kulonprogo	24.95	24,308	10.10	0,9922	0.07361	0.00491	0,01057	0.00078	0.00005	0,00217	0.00016	0.00001
54	Lendah	Kulonprogo	26.01	27,203	10.21	15,152	0.74714	0.07553	0,02107	0.00104	0.00011	0,00674	0.00033	0.00003
55	Nanggulan	Kulonprogo	34.09	20279	9.92	12,735	1.21055	0.06190	0,01616	0.00154	0.00008	0,00354	0.00034	0.00002
56	Panjatan	Kulonprogo	34.83	25,456	10.14	13,013	0.65195	0.06364	0,01413	0.00071	0.00007	0,00336	0.00017	0.00002
57	Pengasih	Kulonprogo	32.97	34,188	10.44	14,783	0.71243	0.07209	0,01379	0.00066	0.00007	0,00276	0.00013	0.00001
58	Samigaluh	Kulonprogo	28.26	18,679	9.84	12,234	0.71169	0.06030	0,01010	0.00059	0.00005	0,00202	0.00012	0.00001
59	Sentolo	Kulonprogo	30.05	32,647	10.39	14,206	0.53689	0.07058	0,01709	0.00065	0.00008	0,00000	0.00000	0.00000
60	Temon	Kulonprogo	37.23	19,025	9.85	19,127	1.70929	0.09403	0,01956	0.00175	0.00010	0,00661	0.00059	0.00003
61	Wates	Kulonprogo	40.70	32,515	10.39	19,415	1.45758	0.09549	0,03875	0.00291	0.00019	0,01219	0.00092	0.00006
62	Berbah	Sleman	43.79	39,886	10.59	0,7669	0.09917	0.00031	0,02871	0.00371	0.00001	0,01000	0.00129	0.00000
63	Cangkringan	Sleman	37.29	21,411	9.97	0,9342	0.09940	0.00153	0,01167	0.00124	0.00002	0,00188	0.00020	0.00000
64	Depok	Sleman	56.20	87,355	11.38	23,731	0.97710	0.00447	0,07848	0.00323	0.00001	0,12405	0.00511	0.00002
65	Gamping	Sleman	42.31	64,353	11.07	20,830	1.37060	0.00569	0,04000	0.00263	0.00001	0,00889	0.00058	0.00000
66	Godean	Sleman	43.95	48,698	10.79	0,6263	0.05791	0.00024	0,03316	0.00307	0.00001	0,01863	0.00172	0.00001
67	Kalasan	Sleman	46.27	58,899	10.98	10,093	0.82694	0.00424	0,03265	0.00268	0.00001	0,02483	0.00203	0.00001
68	Minggir	Sleman	43.16	22,774	10.03	0,8506	0.10253	0.00078	0,02164	0.00261	0.00002	0,00477	0.00057	0.00000
69	Mlati	Sleman	44.86	62,633	11.05	11,456	0.72714	0.00292	0,03609	0.00229	0.00001	0,00675	0.00043	0.00000
70	Moyudan	Sleman	49.53	23,605	10.07	0,6036	0.06831	0.00053	0,02064	0.00234	0.00002	0,00326	0.00037	0.00000
71	Ngaglik	Sleman	50.92	66,197	11.10	14,613	0.83408	0.00478	0,03738	0.00213	0.00001	0,01298	0.00074	0.00000
72	Ngemplak	Sleman	48.34	40,716	10.61	12,344	1.06745	0.00678	0,02240	0.00194	0.00001	0,00700	0.00061	0.00000
73	Pakem	Sleman	45.76	25,295	10.14	11,196	1.09435	0.01301	0,01812	0.00177	0.00002	0,00488	0.00048	0.00001
74	Prambanan	Sleman	39.15	37,170	10.52	0,9820	0.10256	0.00084	0,02104	0.00220	0.00002	0,00580	0.00061	0.00000
75	Seyegan	Sleman	39.64	34,954	10.46	0,9552	0.10820	0.00054	0,02478	0.00281	0.00001	0,00826	0.00094	0.00000
76	Sleman	Sleman	44.01	47,832	10.78	0,6800	0.06187	0.00032	0,03512	0.00320	0.00002	0,01341	0.00122	0.00001

No	Sub-Districts	Districts	Educational Level	Working Age Population		Accessibility Gross Density	Accessibility Nett Density	Accessibility Units per Population	Accessibility Gross Education Facility	Accessibility Nett Education Facility	Educational Facility Units per Population	Gross Health Facility Density	Nett Health Facility Density	Health Facility Units per Population
					in "In"									
77	Tempel	Sleman	38.04	36,939	10.52	12,458	1.25263	0.00800	0,02862	0.00288	0.00002	0,00739	0.00074	0.00000
78	Turi	Sleman	41.51	25,394	10.14	0,8027	0.09524	0.00101	0,01300	0.00154	0.00002	0,00673	0.00080	0.00001

Appendix D. The Value of Independent Variables (Part3)

No	Sub-Districts	Districts	Ratio of Population to Labor Force	Population of the Labor Force		Gross Economy Facility Density	Nett Economy Facility Density	Economy Facility Unit per Population	Labor Force Ratio (Non Primary /Primary)	Number of Tourist Visitors		Number of Tourism Destination Units	Number of Shopping Center
					in "In"						in "In"		
1	Bambanglipuro	Bantul	0.0000	18,933	9.85	0,0935	0.05343	0.00006	0.3155	0	0.00	1	0
2	Banguntapan	Bantul	0.0000	20,343	9.92	0,0161	0.00390	0.00000	0.4294	46,066	10.74	0	0
3	Bantul	Bantul	0.0000	14,177	9.56	0,0265	0.01559	0.00001	0.3987	604849	13.31	1	0
4	Dlingo	Bantul	0.0006	24,878	10.12	0,0225	0.01860	0.00003	0.9227	3253922	15.00	3	0
5	Imogiri	Bantul	0.0027	33,864	10.43	0,0000	0.00100	0.00000	26.1070	48060	10.78	2	0
6	Jetisbantul	Bantul	0.0038	18,903	9.85	0,0077	0.00000	0.00000	17.8690	0	0.00	0	0
7	Kasihnan	Bantul	0.0071	19,685	9.89	0,0285	0.00142	0.00000	0.7537	25408	10.14	1	0
8	Kretek	Bantul	0.0075	19,789	9.89	0,2566	0.07500	0.00003	11.4410	2908783	14.88	3	0
9	Pandak	Bantul	0.0565	18,129	9.81	0,0000	0.28511	0.00013	11.5240	1112	7.01	0	0
10	Pajangan	Bantul	0.0431	28,095	10.24	0,3322	0.00000	0.00000	10.0780	83333	11.33	1	0

No	Sub-Districts	Districts	Ratio of Population to Labor Force	Population of the Labor Force		Gross Economy Facility Density	Nett Economy Facility Density	Economy Facility Unit per Population	Labor Force Ratio (Non Primary /Primary)	Number of Tourist Visitors		Number of Tourism Destination Units	Number of Shopping Center
					in "ln"						in "ln"		
11	Piyungan	Bantul	0.0872	22,203	10.01	0,0024	0.09976	0.00020	48.6460	81172	11.30	1	0
12	Pleret	Bantul	0.0887	36,947	10.52	0,4140	0.17845	0.00020	67.5520	0	0.00	0	0
13	Pundong	Bantul	0.1077	22,607	10.03	0,1651	0.20134	0.00012	12.1740	9946	9.20	0	0
14	Sanden	Bantul	0.1518	23,787	10.08	0,1053	0.20647	0.00008	0.6537	554535	13.23	1	0
15	Sedayu	Bantul	0.1591	26,541	10.19	0,0156	0.00571	0.00001	25.0630	177332	12.09	1	0
16	Sewon	Bantul	0.2195	42,550	10.66	0,0077	0.00163	0.00000	32.7890	129141	11.77	2	0
17	Srandakan	Bantul	0.2570	34,548	10.45	0,0006	0.00080	0.00000	51.1320	210580	12.26	3	0
18	Gedangsari	Gunungkidul	0.0015	19,771	9.89	0,0037	0.00020	0.00001	0.8999	0	0.00	0	0
19	Girisubo	Gunungkidul	0.0024	17,214	9.75	0,0044	0.00016	0.00002	0.6056	257460	12.46	3	0
20	Karangmojo	Gunungkidul	0.0070	20,967	9.95	0,0039	0.00011	0.00001	0.5927	114611	11.65	2	0
21	Ngawen	Gunungkidul	0.0326	21,596	9.98	0,0050	0.00039	0.00001	0.9640	3254	8.09	0	0
22	Nglipar	Gunungkidul	0.0345	23,224	10.05	0,1137	0.00553	0.00026	0.7747	4714	8.46	0	0
23	Paliyan	Gunungkidul	0.0550	29,998	10.31	0,4143	0.04573	0.00077	31.1700	0	0.00	0	0
24	Panggung	Gunungkidul	0.0660	31,758	10.37	0,0029	0.00041	0.00001	30.6360	0	0.00	0	0
25	Patuk	Gunungkidul	0.0788	28,567	10.26	0,0065	0.00031	0.00001	11.7080	142542	11.87	1	0

No	Sub-Districts	Districts	Ratio of Population to Labor Force	Population of the Labor Force		Gross Economy Facility Density	Nett Economy Facility Density	Economy Facility Unit per Population	Labor Force Ratio (Non Primary /Primary)	Number of Tourist Visitors		Number of Tourism Destination Units	Number of Shopping Center
					in "ln"						in "ln"		
26	Playen	Gunungkidul	0.0874	16,226	9.69	0,0135	0.00082	0.00002	11.9920	82362	11.32	1	0
27	Ponjong	Gunungkidul	0.0915	20,229	9.91	0,0000	0.00000	0.00000	13.1210	0	0.00	0	0
28	Purwosari	Gunungkidul	0.1198	20,427	9.92	0,0856	0.01833	0.00029	11.4430	119041	11.69	0	0
29	Rongkop	Gunungkidul	0.1228	20,206	9.91	0,0126	0.00199	0.00004	15.6090	0	0.00	0	0
30	Saptosari	Gunungkidul	0.1585	29,359	10.29	0,0022	0.00026	0.00001	29.6880	110082	11.61	3	0
31	Semanu	Gunungkidul	0.1736	29,235	10.28	0,2584	0.01320	0.00050	64.6080	10720	9.28	2	0
32	Semin	Gunungkidul	0.1962	41,536	10.63	0,4428	0.02650	0.00066	67.2570	0	0.00	0	0
33	Tanjungsari	Gunungkidul	0.2973	42,049	10.65	0,0166	0.00162	0.00004	177.5270	2047168	14.53	5	0
34	tepus	Gunungkidul	0.5977	18,585	9.83	0,1353	0.02127	0.00041	19.0920	163330	12.00	8	0
35	Wonosari	Gunungkidul	0.7109	36,643	10.51	0,0149	0.00059	0.00001	134.9700	0	0.00	1	0
36	Danurejan	Kota	0.0452	10,171	9.23	1,743.6364	1,797.56326	0.09737	0.0197	0	0.00	1	3
37	Gedongtengen	Kota	0.0435	9,788	9.19	342.7083	403.18627	0.01782	0.0197	0	0.00	2	1
38	Gondokusuman	Kota	0.1123	25,269	10.14	230.7305	63.73770	0.01883	0.0197	3162	8.06	2	2
39	Gondomanan	Kota	0.0324	7,290	8.89	416.9643	416.96429	0.03338	0.0197	1542204	14.25	6	2
40	Jetis Kota	Kota	0.0567	12,758	9.45	686.0465	457.36434	0.04685	0.0197	0	0.00	0	0

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41	Kotagede	Kota	0.0877	19,734	9.89	162.8664	62.64094	0.01444	0.0197	1432674	14.18	2	0
42	Kraton	Kota	0.0416	9,361	9.14	181.4286	146.31336	0.01354	0.0197	1268415	14.05	3	0
43	Mantrijeron	Kota	0.0790	17,776	9.79	80.0766	35.43214	0.00615	0.0197	0	0.00	2	0
44	Mergangsan	Kota	0.0725	16,313	9.70	85.2814	43.73404	0.00626	0.0197	27670	10.23	3	0
45	Ngampilan	Kota	0.0403	9,068	9.11	1,028.0488	1,468.64111	0.04810	0.0197	0	0.00	0	0
46	Pakualaman	Kota	0.0221	4,973	8.51	738.0952	1,419.41392	0.04646	0.0197	22424	10.02	2	0
47	Tegalrejo	Kota	0.0904	20,341	9.92	360.8247	158.95363	0.02721	0.0197	0	0.00	0	0
48	Umbulharjo	Kota	0.2147	48,310	10.79	142.1182	22.31055	0.01356	0.0197	441165	13.00	2	0
49	Wirobrajan	Kota	0.0615	13,838	9.54	183.5227	115.42310	0.01211	0.0197	4808	8.48	1	0
50	Galur	Kulonprogo	0.0009	32,396	10.39	0,0050	0.00246	0.00002	0.9754	35605	10.48	1	0
51	Girimulyo	Kulonprogo	0.0022	19,760	9.89	0,1203	0.01039	0.00059	10.7630	162262	12.00	4	0
52	Kalibawang	Kulonprogo	0.0064	27,448	10.22	0,0160	0.00104	0.00008	0.6271	309839	12.64	1	0
53	Kokap	Kulonprogo	0.0074	58,045	10.97	0,9551	0.07085	0.00472	26.6720	470654	13.06	2	0
54	Lendah	Kulonprogo	0.0078	37,056	10.52	0,0030	0.00015	0.00001	0.7857	8080	9.00	0	0
55	Nanggulan	Kulonprogo	0.0175	26299	10.18	0,1480	0.01407	0.00072	10.8310	0	0.00	0	0
56	Panjatan	Kulonprogo	0.0720	30,192	10.32	0,0088	0.00044	0.00004	19.2990	28809	10.27	0	0
57	Pengasih	Kulonprogo	0.0823	18,743	9.84	0,0611	0.00294	0.00030	72.3610	2035	7.62	0	0

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58	Samigaluh	Kulonprogo	0.1403	36,712	10.51	13,356	0.77696	0.06583	64.9350	168232	12.03	1	0
59	Sentolo	Kulonprogo	0.2054	45,657	10.73	0,5532	0.02091	0.00275	74.3870	928	6.83	0	0
60	Temon	Kulonprogo	0.2985	46,711	10.75	0,0410	0.00366	0.00020	207.3180	783179	13.57	2	0
61	Wates	Kulonprogo	0.7042	18,572	9.83	0,0069	0.00052	0.00003	32.4220	0	0.00	0	0
62	Berbah	Sleman	0.0000	21,026	9.95	0,2763	0.03573	0.00011	15.4950	26,737	10.19	0	0
63	Cangkringan	Sleman	0.0000	26,367	10.18	0,0602	0.00641	0.00010	0.5328	553611	13.22	1	0
64	Depok	Sleman	0.0004	18,995	9.85	0,0287	0.00118	0.00001	0.4450	796321	13.59	2	2
65	Gamping	Sleman	0.0012	35,876	10.49	0,0632	0.00416	0.00002	0.6998	31223	10.35	0	0
66	Godean	Sleman	0.0025	21,978	10.00	0,0188	0.00174	0.00001	0.5881	480	6.17	0	0
67	Kalasan	Sleman	0.0045	20,625	9.93	0,0728	0.00596	0.00003	11.0670	89703	11.40	1	0
68	Minggir	Sleman	0.0090	58,807	10.98	0,0278	0.00335	0.00003	113.8800	1975	7.59	0	0
69	Mlati	Sleman	0.0102	59,404	10.99	12,939	0.82127	0.00329	109.2260	275838	12.53	1	1
70	Moyudan	Sleman	0.0144	34,169	10.44	0,0363	0.00411	0.00003	10.2130	29855	10.30	0	0
71	Ngaglik	Sleman	0.0249	46,346	10.74	0,0955	0.00545	0.00003	25.5240	234330	12.36	1	0
72	Ngemplak	Sleman	0.0329	33,141	10.41	0,5580	0.04825	0.00031	18.3400	73574	11.21	1	0
73	Pakem	Sleman	0.0469	28,334	10.25	0,2005	0.01960	0.00023	18.5140	1593017	14.28	3	0

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74	Prambanan	Sleman	0.0934	26,260	10.18	0,2270	0.02371	0.00019	15.7510	4568127	15.33	7	0
75	Seyegan	Sleman	0.2467	27,052	10.21	0,1495	0.01693	0.00008	16.3720	8193	9.01	0	0
76	Sleman	Sleman	0.2505	27,651	10.23	0,3115	0.02834	0.00015	24.5200	20,059	9.91	1	1
77	Tempel	Sleman	0.3488	57,788	10.96	13,013	1.30843	0.00836	373.1570	0	0.00	0	0
78	Turi	Sleman	0.6478	26,022	10.17	0,0068	0.00081	0.00001	51.5040	111,892	11.63	0	0