

# LAMPIRAN

## Lampiran 1. Data variabel penelitian tanpa efek spasial

Kode	IDKEC	Inf1	Inf2	Inf3	Inf4	Pri1	Pri2	Pri3	Ply1	Ply2	Ply3	Sdy1	Sdy2	Dbd1	Dbd2	Lk1	Lk2	Lk3	Lk4
1	DUA BOCCOE	16.8	6.9	26.7	174.1	63.2	62.2	44.6	12.5	25.0	15.0	70.6	6.7	6.7	0.0	27.1	55.2	215	3
2	AJANGALE	5.5	13.1	13.1	137.0	73.8	72.9	65.0	112.5	53.6	5.0	76.9	9.5	45.3	0.0	26.7	72.0	207	3
3	CENRANA	21.3	21.3	34.1	144.9	60.1	43.8	25.4	50.0	100.0	6.0	85.2	4.3	8.5	0.0	26.0	80.0	172	3
4	TELLU SIATTINGE	4.7	29.6	18.8	123.9	31.9	69.6	28.6	25.0	25.0	13.0	55.7	5.1	17.6	0.0	25.4	144.5	263	3
5	AMALI	16.6	28.3	25.9	169.6	43.5	50.1	27.8	37.5	30.0	7.0	83.3	5.9	22.1	0.0	27.1	103.5	222.5	3
6	AWANGPONE	7.1	28.4	63.8	170.8	69.9	77.0	70.0	75.0	60.0	8.0	92.2	7.1	35.4	0.0	27.6	149.0	261	3
7	ULAWENG	8.1	20.4	24.4	133.9	57.8	60.6	60.0	75.0	100.0	11.0	93.3	4.1	12.2	0.0	27.0	135.0	161	2
8	TANETE RIATTANG TIMUR	5.0	2.5	7.5	75.4	50.2	73.7	8.5	500.0	50.0	12.0	70.4	5.0	150.5	25.0	28.4	187.0	763	3
9	TANETE RIATTANG	0.0	3.3	4.2	54.7	65.8	56.2	18.9	500.0	70.5	11.0	63.1	4.2	210.5	23.8	28.3	187.8	1817	3
10	TANETE RIATTANG BARAT	2.4	4.8	2.4	56.7	65.8	60.3	13.8	550.0	62.5	12.0	80.3	4.7	175.5	17.9	28.2	188.0	691	3
11	PALAKKA	9.1	5.5	17.6	166.8	50.5	77.4	40.4	50.0	100.0	11.0	148.9	9.2	18.2	0.0	26.6	138.5	185	3
12	BAREBBO	6.8	8.2	35.7	132.3	45.2	58.4	40.9	87.5	100.0	11.0	136.6	7.7	27.4	0.0	26.8	184.4	220	3
13	BENGO	4.0	2.9	7.9	75.3	79.5	62.8	60.0	250.0	52.6	10.0	67.3	4.0	100.3	0.0	26.1	99.0	158	2
14	LAMURU	16.5	28.8	16.5	111.2	76.6	89.8	65.0	0.0	0.0	2.0	53.5	4.1	8.2	0.0	27.6	98.9	120	2
15	TELLU LIMPOE	12.8	2.9	32.1	147.6	90.4	91.8	100.0	0.0	0.0	0.0	57.8	6.4	0.0	0.0	23.8	90.0	41	1
16	PONRE	22.1	14.1	44.2	260.7	62.6	76.3	56.6	0.0	0.0	2.0	127.3	15.4	30.8	0.0	26.3	149.5	44	2
17	SIBULUE	12.4	2.9	12.4	124.1	47.3	62.5	41.5	100.0	50.0	10.0	77.6	3.1	24.8	0.0	26.7	180.0	195	3
18	CINA	7.9	2.9	15.9	194.3	54.6	60.6	25.1	75.0	42.9	12.0	87.3	4.0	27.8	0.0	26.1	153.0	169	3
19	LAPPARIAJA	13.1	17.4	17.4	78.4	56.9	75.4	76.0	0.0	0.0	0.0	95.8	4.4	17.4	0.0	27.8	99.0	162	2
20	MARE	12.2	2.9	20.3	141.8	70.8	61.7	62.0	50.0	50.0	9.0	137.7	4.0	8.1	0.0	27.1	154.0	88	3
21	LUBURENG	6.1	1.5	10.1	70.9	35.4	30.9	31.0	25.0	25.0	5.0	68.9	2.0	4.1	0.0	24.6	77.0	44	2
22	PATIMPENG	25.9	15.1	25.9	161.6	60.3	53.3	60.0	100.0	80.0	10.0	64.6	6.5	32.3	0.0	26.0	160.0	112	2
23	KAHU	10.7	2.9	26.4	110.6	51.0	87.7	37.3	25.0	50.0	4.0	75.9	5.4	10.7	0.0	25.7	164.3	188	2
24	TONRA	10.0	5.0	20.0	139.7	49.2	59.4	60.0	0.0	0.0	8.0	109.8	5.0	20.0	0.0	26.9	152.0	84	2
25	SALOMEKKO	20.4	2.9	27.2	142.6	23.2	26.0	24.9	75.0	100.0	12.0	108.6	6.8	20.4	0.0	26.7	159.6	162	2
26	BONTOCANI	19.6	26.1	39.2	202.3	61.0	92.8	50.4	0.0	0.0	0.0	104.4	6.5	0.0	0.0	23.7	160.0	33	1
27	KAJUARA	11.8	3.3	8.8	76.4	78.2	51.8	21.1	100.0	100.0	8.0	67.6	2.9	11.8	0.0	26.2	160.5	256	3

## Lampiran 2. Data variabel penelitian efek spasial (setelah pembobotan)

IDKEC	wInf1	wInf2	wInf3	wInf4	wPri1	wPri2	wPri3	wPly1	wPly2	wPly3	wSdy1	wSdy2	wDbd1	wDbd2	wLk1	wLk2	wLk3	wLk4
DUA BOCCOE	2.7	8.2	8.7	95.9	69.8	64.5	42.0	306.3	62.0	8.0	70.0	6.9	127.9	11.9	27.5	129.9	1012.0	3.0
AJANGALE	11.0	12.7	18.8	131.5	56.9	55.6	30.1	181.5	41.4	10.9	71.6	5.5	79.0	7.9	27.2	114.3	744.0	3.0
CENRANA	0.0	3.3	4.2	54.7	65.8	56.2	18.9	500.0	70.5	11.0	63.1	4.2	210.5	23.8	28.3	187.8	1817.0	3.0
TELLU SIATINGE	0.0	3.3	4.2	54.7	65.8	56.2	18.9	500.0	70.5	11.0	63.1	4.2	210.5	23.8	28.3	187.8	1817.0	3.0
AMAU	2.7	8.2	8.7	95.9	69.8	64.5	42.0	306.3	62.0	8.0	70.0	6.9	127.9	11.9	27.5	129.9	1012.0	3.0
AWANGPONE	19.3	10.4	31.4	235.7	123.2	124.9	58.2	524.0	85.4	26.6	141.1	11.3	183.7	22.0	55.1	240.9	1294.4	6.0
ULAWENG	2.0	3.1	6.1	65.0	72.7	59.5	39.5	375.0	61.6	10.5	65.2	4.1	155.4	11.9	27.2	143.4	987.5	2.5
TANETE RIATTANG TIMUR	4.6	13.2	34.2	118.1	59.7	63.2	42.8	218.6	76.1	9.9	96.3	6.3	90.2	7.9	27.3	172.0	758.3	3.0
TANETE RIATTANG	12.3	12.0	23.8	140.9	60.4	67.5	47.8	95.0	50.3	8.1	91.9	6.0	33.4	1.7	27.5	139.8	208.7	2.6
TANETE RIATTANG BARAT	5.3	12.3	28.2	129.5	61.4	69.5	42.7	206.3	76.1	9.9	100.4	6.7	87.2	7.9	27.2	156.8	746.8	3.0
PALAKKA	30.1	26.4	83.2	448.6	173.5	192.9	113.8	612.5	166.5	24.5	335.6	27.6	251.2	20.9	81.3	521.8	1518.0	8.0
BAREBBO	37.5	23.5	49.3	393.4	168.8	195.7	114.1	650.0	240.3	32.5	280.3	20.3	231.0	24.4	81.0	485.9	1587.0	8.0
BENGO	12.0	16.8	21.3	127.8	63.9	71.7	55.3	115.0	34.1	5.2	86.6	6.4	55.8	4.8	27.4	134.0	460.8	2.2
LAMURU	2.0	3.1	6.1	65.0	72.7	59.5	39.5	375.0	61.6	10.5	65.2	4.1	155.4	11.9	27.2	143.4	987.5	2.5
TELLU LIMPOE	28.2	18.9	58.6	386.2	163.8	163.3	106.5	525.0	95.5	18.0	259.2	21.6	245.4	23.8	79.2	414.3	1905.0	7.0
PONRE	36.3	14.5	68.1	503.5	260.8	291.2	221.3	525.0	211.6	31.5	349.5	22.8	198.4	11.9	104.3	551.9	1408.5	9.5
SIBULUE	22.1	17.5	48.4	315.4	128.4	132.5	75.5	500.0	70.5	13.0	190.4	19.6	241.3	23.8	54.6	337.3	1861.0	5.0
CINA	0.0	3.3	4.2	54.7	65.8	56.2	18.9	500.0	70.5	11.0	63.1	4.2	210.5	23.8	28.3	187.8	1817.0	3.0
LAPPARIAJA	8.1	4.6	16.2	135.9	108.1	90.4	70.5	400.0	86.6	15.5	134.1	6.1	159.5	11.9	51.8	220.4	1031.5	4.5
MARE	12.9	9.2	15.0	108.2	63.1	54.8	39.5	300.0	75.3	10.5	63.9	5.4	121.4	11.9	27.2	173.9	964.5	2.5
LIBURENG	82.7	89.5	134.4	750.3	358.6	459.9	328.2	325.0	125.3	24.5	503.3	30.7	177.7	11.9	158.8	848.1	1551.5	11.5
PATIMPENG	16.5	11.4	52.0	242.2	94.0	105.2	80.2	217.5	149.1	20.0	234.2	12.1	80.0	4.8	53.5	330.4	659.0	5.4
KAHU	19.0	10.7	25.2	179.0	98.5	85.6	70.5	325.0	100.3	15.5	132.7	7.4	125.5	11.9	51.8	250.9	1008.5	4.5
TONRA	19.0	10.7	25.2	179.0	98.5	85.6	70.5	325.0	100.3	15.5	132.7	7.4	125.5	11.9	51.8	250.9	1008.5	4.5
SALOMEKKO	12.9	9.2	15.0	108.2	63.1	54.8	39.5	300.0	75.3	10.5	63.9	5.4	121.4	11.9	27.2	173.9	964.5	2.5
BONTOCANI	6.1	4.8	14.3	125.6	101.2	87.1	49.9	525.0	95.5	16.0	132.0	6.2	214.6	23.8	52.9	264.8	1861.0	5.0
KAJUARA	0.0	3.3	4.2	54.7	65.8	56.2	18.9	500.0	70.5	11.0	63.1	4.2	210.5	23.8	28.3	187.8	1817.0	3.0

## Lampiran 3. Data skor variabel laten tanpa efek spasial

IDKEC	DBD	PERILA	PELAYA	INFRA	LINGKU	Sdy
DUA BOCCOE	-0.485	-0.044	0.077	0.639	-0.398	-0.179
AJANGALE	-0.116	0.924	-0.183	-0.481	-0.292	0.577
CENRANA	-0.468	-1.038	-0.159	1.14	-0.315	-0.355
TELLU SIATTINGE	-0.381	-0.635	-0.069	-0.152	0.335	-0.885
AMALI	-0.338	-0.862	-0.517	1.006	0.023	-0.065
AWANGPONE	-0.21	1.182	-0.078	1.407	0.501	0.416
ULAWENG	-0.432	0.613	0.361	0.064	-0.378	-0.208
TANETE RIATTANG TIMUR	2.695	-1.486	2.132	-1.323	1.632	-0.551
TANETE RIATTANG	3.182	-1.213	2.151	-1.825	3.233	-0.896
TANETE RIATTANG BARAT	2.422	-1.396	2.42	-1.694	1.52	-0.383
PALAKKA	-0.375	-0.076	0.248	-0.1	-0.019	2.193
BAREBBO	-0.287	-0.222	0.378	0.006	0.69	1.589
BENGO	0.411	0.61	0.845	-1.366	-0.741	-0.84
LAMURU	-0.471	1.075	-1.201	0.337	-0.713	-1.143
TELLU LIMPOE	-0.549	2.592	-1.364	0.267	-1.701	-0.543
PONRE	-0.254	0.603	-1.241	2.161	-0.475	3.039
SIBULUE	-0.312	-0.158	0.15	-0.415	0.613	-0.793
CINA	-0.283	-0.892	0.164	-0.051	0.308	-0.371
LAPPARIAJA	-0.383	1.441	-1.364	-0.309	-0.637	-0.084
MARE	-0.472	0.696	-0.159	-0.105	0.252	0.813
LIBURENG	-0.51	-0.887	-0.761	-1.257	-1.826	-1.237
PATIMPENG	-0.24	0.544	0.296	1.195	-0.297	-0.362
KAHU	-0.447	-0.115	-0.721	-0.271	-0.165	-0.346
TONRA	-0.358	0.612	-0.712	-0.207	-0.355	0.375
SALOMEKKO	-0.354	-1.182	0.443	0.53	-0.184	0.737
BONTOCANI	-0.549	0.488	-1.364	1.697	-1.122	0.573
KAJUARA	-0.436	-1.171	0.231	-0.892	0.51	-1.072

Lampiran 4. Data skor variabel laten dengan efek spasial (setelah pembobotan)

IDKEC	WDBD	WPERILA	WPELAYA	WINFRA	WLINGKU	WSDY
DUA BOCCOE	-0.46	-0.491	-0.788	-0.66	-0.716	-0.55
AJANGALE	-1.196	-0.648	-1.096	-0.334	-0.89	-0.639
CENRANA	1.033	-0.647	-0.062	-0.869	-0.174	-0.765
TELLU SIATTINGE	1.033	-0.647	-0.062	-0.869	-0.174	-0.765
AMALI	-0.46	-0.491	-0.788	-0.66	-0.716	-0.55
AWANGPONE	0.649	0.107	0.983	0.171	0.267	0.061
ULAWENG	-0.156	-0.505	-0.475	-0.796	-0.772	-0.762
TANETE RIATTANG TIMUR	-1.072	-0.547	-0.801	-0.332	-0.78	-0.476
TANETE RIATTANG	-2.002	-0.505	-1.408	-0.249	-1.182	-0.516
TANETE RIATTANG BARAT	-1.105	-0.514	-0.832	-0.346	-0.814	-0.431
PALAKKA	1.342	0.891	1.691	1.416	1.377	2.025
BAREBBO	1.289	0.878	2.781	1.076	1.348	1.285
BENGO	-1.603	-0.436	-1.639	-0.291	-1.108	-0.512
LAMURU	-0.156	-0.505	-0.475	-0.796	-0.772	-0.762
TELLU LIMPOE	1.419	0.691	0.578	0.978	1.25	1.281
PONRE	0.32	2.225	2.194	1.48	1.774	1.758
SIBULUE	1.373	0.241	0.05	0.602	0.61	0.844
CINA	1.033	-0.647	-0.062	-0.869	-0.174	-0.765
LAPPARIAJA	-0.11	-0.055	0.054	-0.42	-0.131	-0.324
MARE	-0.532	-0.576	-0.565	-0.415	-0.73	-0.679
LIBURENG	0.091	3.886	0.653	3.711	3.129	2.97
PATIMPENG	-1.335	-0.032	0.303	0.328	-0.009	0.523
KAHU	-0.487	-0.126	-0.036	-0.038	-0.09	-0.242
TONRA	-0.487	-0.126	-0.036	-0.038	-0.09	-0.242
SALOMEKKO	-0.532	-0.576	-0.565	-0.415	-0.73	-0.679
BONTOCANI	1.078	-0.197	0.466	-0.494	0.467	-0.327
KAJUARA	1.033	-0.647	-0.062	-0.869	-0.174	-0.765



Lampiran 5. Matriks pembobot *rook contiguity*

Kec	K1	K2	K3	K4	K5	K6	K7	K8	K9	K10	K11	K12	K13	K14	K15	K16	K17	K18	K19	K20	K21	K22	K23	P24	K25	K26	K27
K1	0	0.25	0.25	0.25	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K2	0.5	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K3	0.5	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K4	0.17	0	0.17	0	0.17	0.17	0.17	0	0	0	0.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K5	0.25	0.25	0	0.25	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K6	0	0	0	0.2	0	0	0	0.2	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K7	0	0	0	0.2	0.2	0	0	0	0	0	0.2	0	0.2	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0
K8	0	0	0	0	0	0.33	0	0	0.33	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K9	0	0	0	0	0	0.2	0	0.2	0	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K10	0	0	0	0	0	0.33	0	0	0.33	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K11	0	0	0	0.14	0	0.14	0.14	0	0.14	0.14	0	0.14	0	0	0	0.14	0	0	0	0	0	0	0	0	0	0	0
K12	0	0	0	0	0	0	0	0.17	0.17	0	0.17	0	0	0	0	0.17	0.17	0.17	0	0	0	0	0	0	0	0	0
K13	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0.25	0	0.25	0	0	0.25	0	0	0	0	0	0	0	0
K14	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0.33	0	0	0	0.33	0	0	0	0	0	0	0	0
K15	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0.5	0	0	0	0	0	0	0	0
K16	0	0	0	0	0	0	0.12	0	0	0	0.12	0.12	0.12	0	0	0	0	0.12	0.12	0.12	0.12	0	0	0	0	0	0
K17	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0.33	0	0.33	0	0	0	0	0	0	0
K18	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0.25	0.25	0	0	0.25	0	0	0	0	0	0	0
K19	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.2	0.2	0.2	0	0	0	0	0.2	0	0	0	0	0	0
K20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.17	0.17	0.17	0	0	0.17	0.17	0	0.17	0	0.17	0
K21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.17	0	0	0.17	0.17	0	0.17	0.17	0	0	0.17	0
K22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.2	0	0.2	0.2	0.2	0.2	0
K23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.2	0	0.2	0.2	0.2
P24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0.33	0	0	0.33	0	0
K25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0.25	0.25	0	0	0.25
K26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0.5	0	0	0
K27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0.5	0	0

Lampiran 6. Matriks penimbang *queen contiguity*

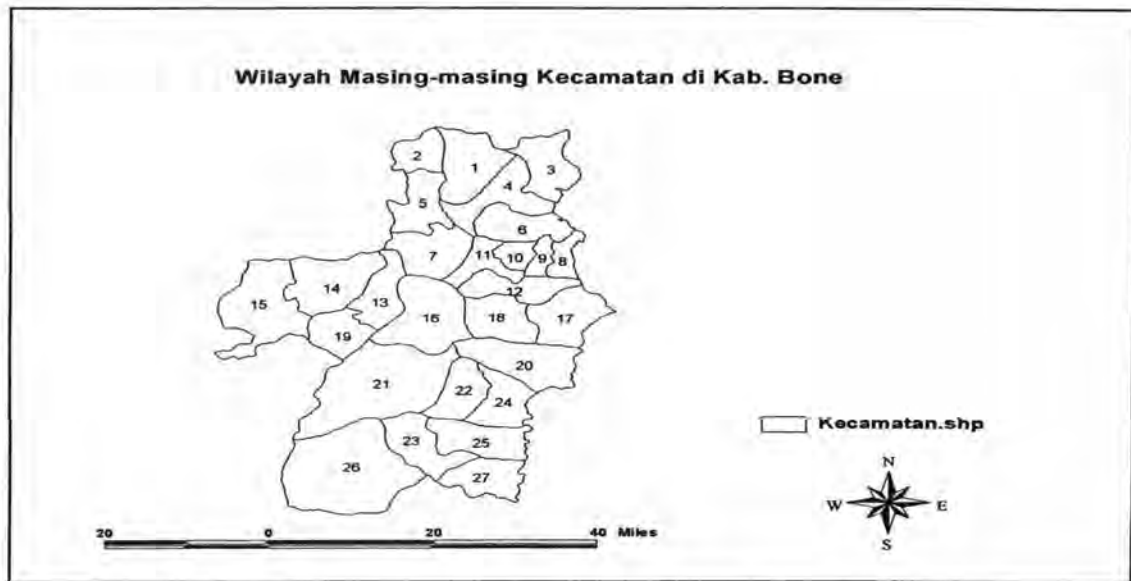
Kec	K1	K2	K3	K4	K5	K6	K7	K8	K9	K10	K11	K12	K13	K14	K15	K16	K17	K18	K19	K20	K21	K22	K23	P24	K25	K26	K27
K1	0	0.25	0.25	0.25	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K2	0.5	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K3	0.5	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K4	0.17	0	0.17	0	0.17	0.17	0.17	0	0	0	0.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K5	0.25	0.25	0	0.25	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K6	0	0	0	0.2	0	0	0	0.2	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K7	0	0	0	0.2	0.2	0	0	0	0	0	0.2	0	0.2	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0
K8	0	0	0	0	0	0.33	0	0	0.33	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K9	0	0	0	0	0	0.2	0	0.2	0	0.2	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K10	0	0	0	0	0	0.33	0	0	0.33	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K11	0	0	0	0.14	0	0.14	0.14	0	0.14	0.14	0	0.14	0	0	0	0.14	0	0	0	0	0	0	0	0	0	0	0
K12	0	0	0	0	0	0	0	0.17	0.17	0	0.17	0	0	0	0	0.17	0.17	0.17	0	0	0	0	0	0	0	0	0
K13	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0.25	0	0.25	0	0	0.25	0	0	0	0	0	0	0	0
K14	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0.33	0	0	0	0.33	0	0	0	0	0	0	0	0
K15	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0.5	0	0	0	0	0	0	0	0
K16	0	0	0	0	0	0	0.12	0	0	0	0.12	0.12	0.12	0	0	0	0	0.12	0.12	0.12	0.12	0	0	0	0	0	0
K17	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	0.33	0	0.33	0	0	0	0	0	0	0
K18	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0.25	0.25	0	0	0.25	0	0	0	0	0	0	0
K19	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.2	0.2	0.2	0	0	0	0	0.2	0	0	0	0	0	0
K20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.17	0.17	0.17	0	0	0.17	0.17	0	0.17	0	0	0
K21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.17	0	0	0.17	0.17	0	0.17	0.17	0	0	0.17	0
K22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.2	0	0.2	0.2	0.2	0	0
K23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.2	0	0.2	0.2	0.2	0.2
P24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.33	0	0.33	0	0	0.33	0	0
K25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0.25	0.25	0	0	0.25
K26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0.5	0	0	0
K27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0.5	0	0

Lampiran 7. Matriks penimbang *queen contiguity* sental daerah endemis DBD

Kec	K1	K2	K3	K4	K5	K6	K7	K8	K9	K10	K11	K12	K13	K14	K15	K16	K17	K18	K19	K20	K21	K22	K23	P24	K25	K26	K27
K1	0	0.5	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K2	0.33	0	0	0	0.33	0	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K5	0	0.5	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K6	0	0	0	0	0	0	0	0.33	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K7	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K8	0	0	0	0	0	0.33	0	0	0.33	0	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K9	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
K10	0	0	0	0	0	0.33	0	0	0.33	0	0.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K11	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K12	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K13	0	0	0	0	0	0	0.2	0	0.2	0	0	0	0	0.2	0	0.2	0	0	0.2	0	0	0	0	0	0	0	0
K14	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K16	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K17	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K18	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K19	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K20	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0
K21	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0
K22	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0.2	0.2	0	0	0.2	0.2	0
K23	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0
P24	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0
K25	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0
K26	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K27	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



## Peta kecamatan di Kabupaten Bone



Keterangan : kode wilayah 27 kecamatan di Kabupaten Bone

- |                          |                           |                |
|--------------------------|---------------------------|----------------|
| 1. Dua Boccoe            | 10. Tanete Riattang Barat | 19. Lappariaja |
| 2. Ajangale              | 11. Palakka               | 20. Mare       |
| 3. Cenrana               | 12. Barebbo               | 21. Libureng   |
| 4. Tellu Siattinge       | 13. Bengo                 | 22. Patimpeng  |
| 5. Amali                 | 14. Lamuru                | 23. Kahu       |
| 6. Wampone               | 15. Tellu Limpoe          | 24. Tonra      |
| 7. Ulaweng               | 16. Ponre                 | 25. Salomekko  |
| 8. Tanete Riattang Timur | 17. Sibulue               | 26. Bontocani  |
| 9. Tanete Riattang       | 18. Cina                  | 27. Kajuara    |

### Lampiran 8. Hasil analisis SEM klasik

#### Scores of the latent variables

	DBD	Perila	Pelaya	Infra	Lingku	Sdy
1	-0.485	-0.044	0.077	0.639	-0.398	-0.179
2	-0.116	0.924	-0.183	-0.481	-0.292	0.577
3	-0.468	-1.038	-0.159	1.140	-0.315	-0.355
4	-0.381	-0.635	-0.069	-0.152	0.335	-0.885
5	-0.338	-0.862	-0.517	1.006	0.023	-0.065
6	-0.210	1.182	-0.078	1.407	0.501	0.416
7	-0.432	0.613	0.361	0.064	-0.378	-0.208
8	2.695	-1.486	2.132	-1.323	1.632	-0.551
9	3.182	-1.213	2.151	-1.825	3.233	-0.896
10	2.422	-1.396	2.420	-1.694	1.520	-0.383
11	-0.375	-0.076	0.248	-0.100	-0.019	2.193
12	-0.287	-0.222	0.378	0.006	0.690	1.589
13	0.411	0.610	0.845	-1.366	-0.741	-0.840
14	-0.471	1.075	-1.201	0.337	-0.713	-1.143
15	-0.549	2.592	-1.364	0.267	-1.701	-0.543
16	-0.254	0.603	-1.241	2.161	-0.475	3.039
17	-0.312	-0.158	0.150	-0.415	0.613	-0.793
18	-0.283	-0.892	0.164	-0.051	0.308	-0.371
19	-0.383	1.441	-1.364	-0.309	-0.637	-0.084
20	-0.472	0.696	-0.159	-0.105	0.252	0.813
21	-0.510	-0.887	-0.761	-1.257	-1.826	-1.237
22	-0.240	0.544	0.296	1.195	-0.297	-0.362
23	-0.447	-0.115	-0.721	-0.271	-0.165	-0.346
24	-0.358	0.612	-0.712	-0.207	-0.355	0.375
25	-0.354	-1.182	0.443	0.530	-0.184	0.737
26	-0.549	0.488	-1.364	1.697	-1.122	0.573

27	-0.436	-1.171	0.231	-0.892	0.510	-1.072
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### R-square

	R-square
DBD	0.752
Perila	0.313
Pelaya	0.661
Infra	
Lingku	
Sdy	

### Composite Reliability

	Composite Reliability
DBD	0.978
Perila	0.769
Pelaya	0.794
Infra	0.864
Lingku	0.783
Sdy	0.847

**Settings**

number of samples	27
number of cases in original sample	27
cases per sample	100
preprocessing option	no changes

**results for inner weights**

	original sample estimate	mean of subsamples	Standard deviation	T-Statistic
Perila -> DBD	0.135	0.154	0.081	1.665
Pelaya -> DBD	0.488	0.423	0.137	3.566
Infra -> DBD	-0.167	-0.196	0.072	2.324
Lingku -> DBD	0.392	0.448	0.077	5.120
Sdy -> DBD	-0.028	-0.048	0.095	0.289
Lingku -> Perila	-0.560	-0.564	0.041	13.532
Lingku -> Pelaya	0.790	0.791	0.033	24.013
Sdy -> Pelaya	-0.148	-0.104	0.095	1.561

**results for outer loadings**

	original sample estimate	mean of subsamples	Standard deviation	T-Statistic
DBD				
Dbd1	0.978	0.978	0.006	152.750
Dbd2	0.978	0.977	0.007	141.566
Perila				
Pr11	0.533	0.553	0.141	3.777
Pr12	0.605	0.633	0.113	5.365
Pr13	0.992	0.977	0.014	72.835
Pelaya				
Ply1	0.905	0.878	0.039	23.373
Ply2	0.574	0.638	0.057	10.085
Ply3	0.751	0.769	0.053	14.266
Infra				
Inf1	0.795	0.785	0.044	17.975
Inf2	0.589	0.593	0.055	10.758
Inf3	0.851	0.840	0.037	23.163
Inf4	0.878	0.863	0.034	26.009
Lingku				
Lk1	0.554	0.552	0.069	8.073
Lk2	0.662	0.648	0.063	10.496
Lk3	0.852	0.853	0.019	45.067
Lk4	0.670	0.682	0.032	20.788
Sdy				
Sdy1	0.868	0.892	0.060	14.500
Sdy2	0.845	0.793	0.127	6.652



**Settings**

number of samples	27
number of cases in original sample	27
cases per sample	200
preprocessing option	no changes

**results for inner weights**

	original sample estimate	mean of subsamples	Standard deviation	T-Statistic
Perila -> DBD	0.135	0.127	0.058	2.343
Pelaya -> DBD	0.488	0.475	0.088	5.548
Infra -> DBD	-0.167	-0.170	0.044	3.800
Lingku -> DBD	0.392	0.402	0.057	6.872
Sdy -> DBD	-0.028	-0.032	0.044	0.631
Lingku -> Perila	-0.560	-0.568	0.027	20.396
Lingku -> Pelaya	0.790	0.791	0.026	30.817
Sdy -> Pelaya	-0.148	-0.144	0.036	4.161

**results for outer loadings**

	original sample estimate	mean of subsamples	Standard deviation	T-Statistic
DBD				
Dbd1	0.978	0.979	0.005	193.010
Dbd2	0.978	0.979	0.005	183.206
Perila				
Prl1	0.533	0.482	0.106	5.037
Prl2	0.605	0.596	0.091	6.674
Prl3	0.992	0.985	0.009	113.007
Pelaya				
Ply1	0.905	0.907	0.013	68.307
Ply2	0.574	0.576	0.059	9.714
Ply3	0.751	0.755	0.032	23.461
Infra				
Inf1	0.795	0.795	0.028	27.982
Inf2	0.589	0.597	0.034	17.150
Inf3	0.851	0.849	0.024	35.241
Inf4	0.878	0.879	0.016	54.461
Lingku				
Lk1	0.554	0.556	0.037	14.945
Lk2	0.662	0.669	0.033	19.787
Lk3	0.852	0.856	0.011	81.073
Lk4	0.670	0.669	0.022	29.947
Sdy				
Sdy1	0.868	0.874	0.032	26.992
Sdy2	0.845	0.843	0.043	19.678

**Settings**

number of samples	27
number of cases in original sample	27
cases per sample	300
preprocessing option	no changes

**results for inner weights**

	original sample estimate	mean of subsamples	Standard deviation	T-Statistic
Perila -> DBD	0.135	0.124	0.051	2.660
Pelaya -> DBD	0.488	0.488	0.072	6.773
Infra -> DBD	-0.167	-0.166	0.048	3.448
Lingku -> DBD	0.392	0.386	0.039	9.959
Sdy -> DBD	-0.028	-0.021	0.026	1.068
Lingku -> Perila	-0.560	-0.559	0.026	21.245
Lingku -> Pelaya	0.790	0.789	0.016	48.092
Sdy -> Pelaya	-0.148	-0.154	0.030	4.995

**results for outer loadings**

	original sample estimate	mean of subsamples	Standard deviation	T-Statistic
DBD				
Dbd1	0.978	0.978	0.004	239.515
Dbd2	0.978	0.978	0.004	245.084
Perila				
Prl1	0.533	0.522	0.090	5.901
Prl2	0.605	0.591	0.074	8.180
Prl3	0.992	0.989	0.007	140.493
Pelaya				
Ply1	0.905	0.905	0.007	130.537
Ply2	0.574	0.568	0.037	15.685
Ply3	0.751	0.746	0.030	24.741
Infra				
Inf1	0.795	0.788	0.017	47.301
Inf2	0.589	0.581	0.035	16.956
Inf3	0.851	0.847	0.013	64.656
Inf4	0.878	0.876	0.015	60.484
Lingku				
Lk1	0.554	0.555	0.033	16.867
Lk2	0.662	0.656	0.046	14.428
Lk3	0.852	0.854	0.013	63.985
Lk4	0.670	0.668	0.018	36.366
Sdy				
Sdy1	0.868	0.864	0.019	45.598
Sdy2	0.845	0.844	0.023	37.081

**Lampiran 9. Hasil Analisis dengan GeoDa pembobot (rook Contiguity)**

## Regression

## SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION

Data set : kecamatan  
 Dependent Variable : DBD Number of Observations: 27  
 Mean dependent var :-3.49515e-017 Number of Variables : 6  
 S.D. dependent var : 1.00002 Degrees of Freedom : 21

R-squared : 0.751571 F-statistic : 12.7062  
 Adjusted R-squared : 0.692421 Prob(F-statistic) : 9.19017e-006  
 Sum squared residual: 6.70787 Log likelihood : -19.5118  
 Sigma-square : 0.319422 Akaike info criterion : 51.0237  
 S.E. of regression : 0.565175 Schwarz criterion : 58.7987  
 Sigma-square ML : 0.24844  
 S.E of regression ML: 0.498437

Variable	Coefficient	Std.Error	t-Statistic	Probability
CONSTANT	-4.95837e-005	0.1087679	-0.0004558669	1.0000000
INFRA	-0.1671475	0.157449	-1.061598	0.3004753
LINGKU	0.3917757	0.1853292	2.113944	0.0466549
SY	-0.02755226	0.1294294	-0.2128748	0.8334785
PELAYA	0.4882182	0.2188444	2.230892	0.0367231
PERILA	0.1351587	0.1419833	0.951934	0.3519593

## REGRESSION DIAGNOSTICS

MULTICOLLINEARITY CONDITION NUMBER 4.166817

## TEST ON NORMALITY OF ERRORS

TEST	DF	VALUE	PROB
Jarque-Bera	2	1.771437	0.4124178

## DIAGNOSTICS FOR HETEROSKEDASTICITY

## RANDOM COEFFICIENTS

TEST	DF	VALUE	PROB
Breusch-Pagan test	5	5.992782	0.3069219
Koenker-Bassett test	5	10.98562	0.0516658

## SPECIFICATION ROBUST TEST

TEST	DF	VALUE	PROB
White	20	19.64594	0.4802648

## DIAGNOSTICS FOR SPATIAL DEPENDENCE



FOR WEIGHT MATRIX : rook.gal  
(row-standardized weights)

TEST	MI/DF	VALUE	PROB
Moran's I (error)	0.105138	N/A	N/A
Lagrange Multiplier (lag)	1	0.6537297	0.4187824
Robust LM (lag)	1	0.1201312	0.7288922
Lagrange Multiplier (error)	1	0.5776456	0.4472366
Robust LM (error)	1	0.0440472	0.8337659
Lagrange Multiplier (SARMA)	2	0.6977769	0.7054718

===== END OF REPORT =====

#### Regression

SUMMARY OF OUTPUT: SPATIAL LAG MODEL - MAXIMUM LIKELIHOOD ESTIMATION

Data set : kecamatan  
 Spatial Weight : rook.gal  
 Dependent Variable : DBD Number of Observations: 27  
 Mean dependent var : -3.49515e-017 Number of Variables : 7  
 S.D. dependent var : 1.00002 Degrees of Freedom : 20  
 Lag coeff. (Rho) : 0.182287

R-squared : 0.760135 Log likelihood : -19.1499  
 Sq. Correlation : - Akaike info criterion : 52.2997  
 Sigma-square : 0.239875 Schwarz criterion : 61.3706  
 S.E of regression : 0.48977

Variable	Coefficient	Std.Error	z-value	Probability
W_DBD	0.1822868	0.1960979	0.9295704	0.3525935
CONSTANT	0.01361255	0.09455359	0.1439665	0.8855268
INFRA	-0.1706238	0.1380294	-1.236142	0.2164060
LINGKU	0.3427247	0.1731087	1.979824	0.0477232
SY	-0.04875365	0.1143746	-0.4262628	0.6699164
PELAYA	0.4428415	0.194807	2.273232	0.0230121
PERILA	0.1038207	0.1231615	0.8429641	0.3992484

#### REGRESSION DIAGNOSTICS

DIAGNOSTICS FOR HETEROSKEDASTICITY

RANDOM COEFFICIENTS

TEST	DF	VALUE	PROB
Breusch-Pagan test	5	7.472986	0.1877721

#### DIAGNOSTICS FOR SPATIAL DEPENDENCE

SPATIAL LAG DEPENDENCE FOR WEIGHT MATRIX : rook.gal

TEST	DF	VALUE	PROB
Likelihood Ratio Test	1	0.7239765	0.3948426

===== END OF REPORT =====

### Lampiran 10. Hasil Analisis dengan GeoDa pembobot queen contiguity

#### Regression

##### SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION

Data set : kecamatan  
 Dependent Variable : DBD Number of Observations: 27  
 Mean dependent var : -3.49515e-017 Number of Variables : 6  
 S.D. dependent var : 1.00002 Degrees of Freedom : 21

R-squared : 0.751571 F-statistic : 12.7062  
 Adjusted R-squared : 0.692421 Prob(F-statistic) : 9.19017e-006  
 Sum squared residual: 6.70787 Log likelihood : -19.5118  
 Sigma-square : 0.319422 Akaike info criterion : 51.0237  
 S.E. of regression : 0.565175 Schwarz criterion : 58.7987  
 Sigma-square ML : 0.24844  
 S.E of regression ML: 0.498437

Variable	Coefficient	Std.Error	t-Statistic	Probability
CONSTANT	-4.95837e-005	0.1087679	-0.0004558669	1.0000000
INFRA	-0.1671475	0.157449	-1.061598	0.3004753
LINGKU	0.3917757	0.1853292	2.113944	0.0466549
SY	-0.02755226	0.1294294	-0.2128748	0.8334785
PELAYA	0.4882182	0.2188444	2.230892	0.0367231
PERILA	0.1351587	0.1419833	0.951934	0.3519593

#### REGRESSION DIAGNOSTICS

MULTICOLLINEARITY CONDITION NUMBER 4.166817

#### TEST ON NORMALITY OF ERRORS

TEST	DF	VALUE	PROB
Jarque-Bera	2	1.771437	0.4124178

#### DIAGNOSTICS FOR HETEROSKEDASTICITY

##### RANDOM COEFFICIENTS

TEST	DF	VALUE	PROB
Breusch-Pagan test	5	5.992782	0.3069219
Koenker-Bassett test	5	10.98562	0.0516658

##### SPECIFICATION ROBUST TEST

TEST	DF	VALUE	PROB
White	20	19.64594	0.4802648

#### DIAGNOSTICS FOR SPATIAL DEPENDENCE

FOR WEIGHT MATRIX : queen.gal  
(row-standardized weights)

TEST	MI/DF	VALUE	PROB
Moran's I (error)	0.105138	N/A	N/A
Lagrange Multiplier (lag)	1	0.6537297	0.4187824
Robust LM (lag)	1	0.1201312	0.7288922
Lagrange Multiplier (error)	1	0.5776456	0.4472366
Robust LM (error)	1	0.0440472	0.8337659
Lagrange Multiplier (SARMA)	2	0.6977769	0.7054718

===== END OF REPORT =====

#### Regression

SUMMARY OF OUTPUT: SPATIAL LAG MODEL - MAXIMUM LIKELIHOOD ESTIMATION

Data set : kecamatan  
Spatial Weight : queen.gal  
Dependent Variable : DBD Number of Observations: 27  
Mean dependent var : -3.49515e-017 Number of Variables : 7  
S.D. dependent var : 1.00002 Degrees of Freedom : 20  
Lag coeff. (Rho) : 0.182287

R-squared : 0.760135 Log likelihood : -19.1499  
Sq. Correlation : - Akaike info criterion : 52.2997  
Sigma-square : 0.239875 Schwarz criterion : 61.3706  
S.E of regression : 0.48977

Variable	Coefficient	Std.Error	z-value	Probability
W_DBD	0.1822868	0.1960979	0.9295704	0.3525935
CONSTANT	0.01361255	0.09455359	0.1439665	0.8855268
INFRA	-0.1706238	0.1380294	-1.236142	0.2164060
LINGKU	0.3427247	0.1731087	1.979824	0.0477232
SY	-0.04875365	0.1143746	-0.4262628	0.6699164
PELAYA	0.4428415	0.194807	2.273232	0.0230121
PERILA	0.1038207	0.1231615	0.8429641	0.3992484

#### REGRESSION DIAGNOSTICS

DIAGNOSTICS FOR HETEROSKEDASTICITY

RANDOM COEFFICIENTS

TEST	DF	VALUE	PROB
Breusch-Pagan test	5	7.472986	0.1877721

#### DIAGNOSTICS FOR SPATIAL DEPENDENCE

SPATIAL LAG DEPENDENCE FOR WEIGHT MATRIX : queen.gal

TEST	DF	VALUE	PROB
Likelihood Ratio Test	1	0.7239765	0.3948426

===== END OF REPORT =====

### Lampiran 11. Hasil dengan Matriks pembobot Queen Contiguity Sentral Daerah endemis

#### Regression

#### SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION

Data set : kecamatan  
 Dependent Variable : DBD Number of Observations: 27  
 Mean dependent var : -3.49515e-017 Number of Variables : 6  
 S.D. dependent var : 1.00002 Degrees of Freedom : 21

R-squared : 0.751571 F-statistic : 12.7062  
 Adjusted R-squared : 0.692421 Prob(F-statistic) : 9.19017e-006  
 Sum squared residual: 6.70787 Log likelihood : -19.5118  
 Sigma-square : 0.319422 Akaike info criterion : 51.0237  
 S.E. of regression : 0.565175 Schwarz criterion : 58.7987  
 Sigma-square ML : 0.24844  
 S.E of regression ML: 0.498437

Variable	Coefficient	Std.Error	t-Statistic	Probability
CONSTANT	-4.95837e-005	0.1087679	-0.0004558669	1.0000000
INFRA	-0.1671475	0.157449	-1.061598	0.3004753
LINGKU	0.3917757	0.1853292	2.113944	0.0466549
SY	-0.02755226	0.1294294	-0.2128748	0.8334785
PELAYA	0.4882182	0.2188444	2.230892	0.0367231
PERILA	0.1351587	0.1419833	0.951934	0.3519593

#### REGRESSION DIAGNOSTICS

MULTICOLLINEARITY CONDITION NUMBER 4.166817

#### TEST ON NORMALITY OF ERRORS

TEST	DF	VALUE	PROB
Jarque-Bera	2	1.771437	0.4124178

#### DIAGNOSTICS FOR HETEROSKEDASTICITY

#### RANDOM COEFFICIENTS

TEST	DF	VALUE	PROB
Breusch-Pagan test	5	5.992782	0.3069219
Koenker-Bassett test	5	10.98562	0.0516658

#### SPECIFICATION ROBUST TEST

TEST	DF	VALUE	PROB
White	20	19.64594	0.4802648

DIAGNOSTICS FOR SPATIAL DEPENDENCE  
FOR WEIGHT MATRIX : queenendemis.gal  
(row-standardized weights)

TEST	MI/DF	VALUE	PROB
Moran's I (error)	-0.284003	N/A	N/A
Lagrange Multiplier (lag)	1	7.1964996	0.0073046
Robust LM (lag)	1	4.4389176	0.0351285
Lagrange Multiplier (error)	1	2.8738884	0.0900271
Robust LM (error)	1	0.1163063	0.7330756
Lagrange Multiplier (SARMA)	2	3.3128060	0.0558252

===== END OF REPORT =====

#### Regression

SUMMARY OF OUTPUT: SPATIAL LAG MODEL - MAXIMUM LIKELIHOOD ESTIMATION

Data set : kecamatan  
Spatial Weight : queenendemis.gal  
Dependent Variable : DBD Number of Observations: 27  
Mean dependent var :-3.49515e-017 Number of Variables : 7  
S.D. dependent var : 1.00002 Degrees of Freedom : 20  
Lag coeff. (Rho) : -0.23953

R-squared : 0.804997 Log likelihood : -16.3863  
Sq. Correlation : - Akaike info criterion : 46.7726  
Sigma-square : 0.195012 Schwarz criterion : 55.8434  
S.E of regression : 0.441601

Variable	Coefficient	Std.Error	z-value	Probability
W_DB	-0.2395296	0.1037972	-2.307669	0.0210175
CONSTANT	0.468593	0.2017868	2.322218	0.0202212
INFRA	-0.1102685	0.124203	-0.8878084	0.3746438
LINGKU	0.4144354	0.1449922	2.85833	0.0042589
SY	-0.04136182	0.1012827	-0.4083799	0.6829949
PELAYA	0.3709366	0.1784337	2.078849	0.0376311
PERILA	0.08623608	0.1135966	0.7591428	0.4477670

REGRESSION DIAGNOSTICS  
DIAGNOSTICS FOR HETEROSKEDASTICITY  
RANDOM COEFFICIENTS

TEST	DF	VALUE	PROB
Breusch-Pagan test	5	6.878166	0.2298601

DIAGNOSTICS FOR SPATIAL DEPENDENCE  
SPATIAL LAG DEPENDENCE FOR WEIGHT MATRIX : queenendemis.gal

TEST	DF	VALUE	PROB
Likelihood Ratio Test	1	6.251116	0.0124115

===== END OF REPORT =====



**Lampiran 12. Hasil Analisis SEM setelah pembobotan****cores of the latent variables**

	WDBD	Wperila	Wpelaya	Winfra	Wlingku	Wsdya
1	-0.460	-0.491	-0.788	-0.660	-0.716	-0.550
2	-1.196	-0.648	-1.096	-0.334	-0.890	-0.639
3	1.033	-0.647	-0.062	-0.869	-0.174	-0.765
4	1.033	-0.647	-0.062	-0.869	-0.174	-0.765
5	-0.460	-0.491	-0.788	-0.660	-0.716	-0.550
6	0.649	0.107	0.983	0.171	0.267	0.061
7	-0.156	-0.505	-0.475	-0.796	-0.772	-0.762
8	-1.072	-0.547	-0.801	-0.332	-0.780	-0.476
9	-2.002	-0.505	-1.408	-0.249	-1.182	-0.516
10	-1.105	-0.514	-0.832	-0.346	-0.814	-0.431
11	1.342	0.891	1.691	1.416	1.377	2.025
12	1.289	0.878	2.781	1.076	1.348	1.285
13	-1.603	-0.436	-1.639	-0.291	-1.108	-0.512
14	-0.156	-0.505	-0.475	-0.796	-0.772	-0.762
15	1.419	0.691	0.578	0.978	1.250	1.281
16	0.320	2.225	2.194	1.480	1.774	1.758
17	1.373	0.241	0.050	0.602	0.610	0.844
18	1.033	-0.647	-0.062	-0.869	-0.174	-0.765
19	-0.110	-0.055	0.054	-0.420	-0.131	-0.324
20	-0.532	-0.576	-0.565	-0.415	-0.730	-0.679
21	0.091	3.886	0.653	3.711	3.129	2.970
22	-1.335	-0.032	0.303	0.328	-0.009	0.523
23	-0.487	-0.126	-0.036	-0.038	-0.090	-0.242
24	-0.487	-0.126	-0.036	-0.038	-0.090	-0.242
25	-0.532	-0.576	-0.565	-0.415	-0.730	-0.679
26	1.078	-0.197	0.466	-0.494	0.467	-0.327
27	1.033	-0.647	-0.062	-0.869	-0.174	-0.765

**R-square**

	R-square
WDBD	0.884
Wperila	0.842
Wpelaya	0.655
Winfra	
Wlingku	
Wsdv	

**Composite Reliability**

	Composite Reliability
WDBD	0.978
Wperila	0.996
Wpelaya	0.916
Winfra	0.981
Wlingku	0.935
Wsdv	0.988

**Average variance extracted (AVE)**

	Average variance extracted (AVE)
WDBD	0.957
Wperila	0.988
Wpelaya	0.785
Winfra	0.928
Wlingku	0.787
Wsdv	0.977

**Settings**

number of samples	27
number of cases in original sample	27
cases per sample	100
preprocessing option	no changes

**results for inner weights**

	original sample estimate	mean of subsamples	Standard deviation	T-Statistic
Wperila -> WDBD	-0.993	-1.001	0.143	6.962
Wpelaya -> WDBD	-0.121	-0.085	0.069	1.755
Winfra -> WDBD	-1.102	-0.950	0.494	2.234
Wlingku -> WDBD	2.279	2.235	0.142	16.045
Wsdya -> WDBD	0.314	0.305	0.248	1.264
Wlingku -> Wperila	0.917	0.918	0.006	147.472
Wlingku -> Wpelaya	1.011	1.031	0.121	8.339
Wsdya -> Wpelaya	-0.224	-0.235	0.123	1.820

**results for outer loadings**

	original sample estimate	mean of subsamples	Standard deviation	T-Statistic
WDBD				
wDbd1	0.991	0.991	0.002	467.790
wDbd2	0.966	0.965	0.016	60.526
Wperila				
wPr11	0.995	0.995	0.001	754.502
wPr12	0.997	0.997	0.001	786.498
wPr13	0.990	0.989	0.004	251.141
Wpelaya				
wPly1	0.799	0.810	0.044	18.218
wPly2	0.911	0.912	0.022	41.898
wPly3	0.941	0.942	0.009	99.600
Winfra				
wInf1	0.980	0.904	0.371	2.640
wInf2	0.896	0.819	0.348	2.576
wInf3	0.982	0.903	0.370	2.658
wInf4	0.992	0.917	0.376	2.641
Wlingku				
wLk1	0.957	0.957	0.003	347.103
wLk2	0.969	0.970	0.003	353.383
wLk3	0.602	0.617	0.056	10.765
wLk4	0.965	0.966	0.003	279.221
Wsdya				
wSdy1	0.987	0.988	0.002	402.656
wSdy2	0.989	0.989	0.002	439.346

**Settings**

number of samples	27
number of cases in original sample	27
cases per sample	200
preprocessing option	no changes

**results for inner weights**

	original sample estimate	mean of subsamples	Standard deviation	T-Statistic
Wperila -> WDBD	-0.993	-0.970	0.117	8.470
Wpelaya -> WDBD	-0.121	-0.124	0.056	2.154
Winfra -> WDBD	-1.102	-1.135	0.204	5.404
Wlingku -> WDBD	2.279	2.280	0.117	19.540
Wsdya -> WDBD	0.314	0.330	0.179	1.755
Wlingku -> Wperila	0.917	0.918	0.005	168.963
Wlingku -> Wpelaya	1.011	1.005	0.067	15.089
Wsdya -> Wpelaya	-0.224	-0.212	0.071	3.133

**results for outer loadings**

	original sample estimate	mean of subsamples	Standard deviation	T-Statistic
WDBD				
wDbd1	0.991	0.991	0.001	738.373
wDbd2	0.966	0.964	0.008	115.265
Wperila				
wPr11	0.995	0.995	0.001	966.412
wPr12	0.997	0.997	0.001	1285.800
wPr13	0.990	0.990	0.003	343.028
Wpelaya				
wPly1	0.799	0.795	0.030	26.947
wPly2	0.911	0.908	0.018	49.564
wPly3	0.941	0.940	0.007	125.909
Winfra				
wInf1	0.980	0.979	0.005	191.569
wInf2	0.896	0.896	0.019	47.071
wInf3	0.982	0.981	0.005	187.663
wInf4	0.992	0.992	0.002	524.727
Wlingku				
wLk1	0.957	0.957	0.002	536.064
wLk2	0.969	0.969	0.002	465.376
wLk3	0.602	0.602	0.031	19.295
wLk4	0.965	0.965	0.003	338.233
Wsdv				
wSdy1	0.987	0.987	0.002	531.117
wSdy2	0.989	0.989	0.002	642.076



**Settings**

number of samples	27
number of cases in original sample	27
cases per sample	300
preprocessing option	no changes

**results for inner weights**

	original sample estimate	mean of subsamples	Standard deviation	T-Statistic
Wperila -> WDBD	-0.993	-0.986	0.095	10.507
Wpelaya -> WDBD	-0.121	-0.128	0.046	2.613
Winfra -> WDBD	-1.102	-1.149	0.143	7.704
Wlingku -> WDBD	2.279	2.285	0.093	24.379
Wsdya -> WDBD	0.314	0.355	0.136	2.308
Wlingku -> Wperila	0.917	0.918	0.004	247.423
Wlingku -> Wpelaya	1.011	1.014	0.057	17.627
Wsdya -> Wpelaya	-0.224	-0.225	0.059	3.786

**results for outer loadings**

	original sample estimate	mean of subsamples	Standard deviation	T-Statistic
WDBD				
wDbd1	0.991	0.991	0.001	949.184
wDbd2	0.966	0.964	0.006	171.806
Wperila				
wPrl1	0.995	0.995	0.001	1545.887
wPrl2	0.997	0.997	0.000	2234.933
wPrl3	0.990	0.990	0.002	556.088
Wpelaya				
wPly1	0.799	0.798	0.024	33.621
wPly2	0.911	0.912	0.010	89.669
wPly3	0.941	0.941	0.005	201.682
Winfra				
wInf1	0.980	0.980	0.003	295.707
wInf2	0.896	0.894	0.020	43.786
wInf3	0.982	0.982	0.004	239.624
wInf4	0.992	0.992	0.001	682.245
Wlingku				
wLk1	0.957	0.957	0.001	679.510
wLk2	0.969	0.970	0.002	593.805
wLk3	0.602	0.602	0.024	25.476
wLk4	0.965	0.965	0.002	519.387
WsdY				
wSdy1	0.987	0.987	0.001	723.994
wSdy2	0.989	0.989	0.001	858.605

**Lampiran 13. Hasil analisis data setelah pembobotan dengan rook contiguity**

Regression

SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION

Data set : kecamatan  
 Dependent Variable : WDBD Number of Observations: 27  
 Mean dependent var :-8.22387e-018 Number of Variables : 6  
 S.D. dependent var : 1.00015 Degrees of Freedom : 21

R-squared : 0.883774 F-statistic : 31.9366  
 Adjusted R-squared : 0.856102 Prob(F-statistic) : 3.9245e-009  
 Sum squared residual: 3.13906 Log likelihood : -9.26051  
 Sigma-square : 0.149479 Akaike info criterion : 30.521  
 S.E. of regression : 0.386625 Schwarz criterion : 38.296  
 Sigma-square ML : 0.116261  
 S.E of regression ML: 0.340971

Variable	Coefficient	Std.Error	t-Statistic	Probability
CONSTANT	0.0005074132	0.07440612	0.006819508	0.9946344
WINFRA	-1.10626	0.4810967	-2.299455	0.0318386
WLINGKU	2.278421	0.2934385	7.76456	0.0000001
WSDY	0.3155936	0.4204973	0.7505246	0.4612660
WPELAYA	-0.1204878	0.1601671	-0.7522634	0.4602420
WPERILA	-0.9910909	0.3306613	-2.997299	0.0068641

## REGRESSION DIAGNOSTICS

MULTICOLLINEARITY CONDITION NUMBER 18.245184

TEST ON NORMALITY OF ERRORS

TEST	DF	VALUE	PROB
Jarque-Bera	2	9.008798	0.0110602

## DIAGNOSTICS FOR HETEROSKEDASTICITY

RANDOM COEFFICIENTS

TEST	DF	VALUE	PROB
Breusch-Pagan test	5	3.806607	0.5775822
Koenker-Bassett test	5	1.767815	0.8802479

SPECIFICATION ROBUST TEST

TEST	DF	VALUE	PROB
White	20	N/A	N/A

## DIAGNOSTICS FOR SPATIAL DEPENDENCE

FOR WEIGHT MATRIX : Rook.gal

(row-standardized weights)

TEST	MI/DF	VALUE	PROB
Moran's I (error)	0.073101	N/A	N/A
Lagrange Multiplier (lag)	1	2.8880500	0.0892389
Robust LM (lag)	1	3.3727719	0.0662822
Lagrange Multiplier (error)	1	0.2792436	0.5971974
Robust LM (error)	1	0.7639655	0.3820904
Lagrange Multiplier (SARMA)	2	3.6520156	0.1610553

===== END OF REPORT =====

## Regression

SUMMARY OF OUTPUT: SPATIAL LAG MODEL - MAXIMUM LIKELIHOOD ESTIMATION

Data set : kecamatan  
 Spatial Weight : Rook.gal  
 Dependent Variable : WDBD Number of Observations: 27  
 Mean dependent var :-8.22387e-018 Number of Variables : 7  
 S.D. dependent var : 1.00015 Degrees of Freedom : 20  
 Lag coeff. (Rho) : 0.341847

R-squared : 0.900689 Log likelihood : -7.55374  
 Sq. Correlation : - Akaike info criterion : 29.1075  
 Sigma-square : 0.0993415 Schwarz criterion : 38.1783  
 S.E of regression : 0.315185

Variable	Coefficient	Std.Error	z-value	Probability
W_WDBD	0.3418469	0.1577295	2.167298	0.0302120
CONSTANT	0.01103149	0.06075733	0.1815664	0.8559230
WINFRA	-0.8906792	0.3923975	-2.269839	0.0232173
WLINGKU	2.26538	0.2426416	9.336319	0.0000000
WSDY	0.1494768	0.3431126	0.4356493	0.6630912
WPELAYA	-0.08835582	0.1308914	-0.6750317	0.4996555
WPERILA	-1.049939	0.2695644	-3.894948	0.0000983

## REGRESSION DIAGNOSTICS

DIAGNOSTICS FOR HETEROSKEDASTICITY

RANDOM COEFFICIENTS

TEST	DF	VALUE	PROB
Breusch-Pagan test	5	3.5009	0.6232515

## DIAGNOSTICS FOR SPATIAL DEPENDENCE

SPATIAL LAG DEPENDENCE FOR WEIGHT MATRIX : Rook.gal

TEST	DF	VALUE	PROB
Likelihood Ratio Test	1	3.413546	0.0646634

===== END OF REPORT =====

**Lampiran 14. Hasil analisis data setelah pembobotan dengan queen contiguity**

## Regression

## SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION

Data set : kecamatan  
 Dependent Variable : WBD Number of Observations: 27  
 Mean dependent var : -8.22387e-018 Number of Variables : 6  
 S.D. dependent var : 1.00015 Degrees of Freedom : 21

R-squared : 0.883774 F-statistic : 31.9366  
 Adjusted R-squared : 0.856102 Prob(F-statistic) : 3.9245e-009  
 Sum squared residual: 3.13906 Log likelihood : -9.26051  
 Sigma-square : 0.149479 Akaike info criterion : 30.521  
 S.E. of regression : 0.386625 Schwarz criterion : 38.296  
 Sigma-square ML : 0.116261  
 S.E of regression ML: 0.340971

Variable	Coefficient	Std.Error	t-Statistic	Probability
CONSTANT	0.0005074132	0.07440612	0.006819508	0.9946344
WINFRA	-1.10626	0.4810967	-2.299455	0.0318386
WLINGKU	2.278421	0.2934385	7.76456	0.0000001
WSDY	0.3155936	0.4204973	0.7505246	0.4612660
WPELAYA	-0.1204878	0.1601671	-0.7522634	0.4602420
WPERILA	-0.9910909	0.3306613	-2.997299	0.0068641

## REGRESSION DIAGNOSTICS

MULTICOLLINEARITY CONDITION NUMBER 18.245184

## TEST ON NORMALITY OF ERRORS

TEST	DF	VALUE	PROB
Jarque-Bera	2	9.008798	0.0110602

## DIAGNOSTICS FOR HETEROSKEDASTICITY

## RANDOM COEFFICIENTS

TEST	DF	VALUE	PROB
Breusch-Pagan test	5	3.806607	0.5775822
Koenker-Bassett test	5	1.767815	0.8802479

## SPECIFICATION ROBUST TEST

TEST	DF	VALUE	PROB
White	20	N/A	N/A

## DIAGNOSTICS FOR SPATIAL DEPENDENCE

FOR WEIGHT MATRIX : queen.gal  
(row-standardized weights)

TEST	MI/DF	VALUE	PROB
Moran's I (error)	0.073101	N/A	N/A
Lagrange Multiplier (lag)	1	2.8880500	0.0892389
Robust LM (lag)	1	3.3727719	0.0662822
Lagrange Multiplier (error)	1	0.2792436	0.5971974
Robust LM (error)	1	0.7639655	0.3820904
Lagrange Multiplier (SARMA)	2	3.6520156	0.1610553

===== END OF REPORT =====

#### Regression

SUMMARY OF OUTPUT: SPATIAL LAG MODEL - MAXIMUM LIKELIHOOD ESTIMATION

Data set : kecamatan  
 Spatial Weight : queen.gal  
 Dependent Variable : WDBD Number of Observations: 27  
 Mean dependent var : -8.22387e-018 Number of Variables : 7  
 S.D. dependent var : 1.00015 Degrees of Freedom : 20  
 Lag coeff. (Rho) : 0.341847

R-squared : 0.900689 Log likelihood : -7.55374  
 Sq. Correlation : - Akaike info criterion : 29.1075  
 Sigma-square : 0.0993415 Schwarz criterion : 38.1783  
 S.E of regression : 0.315185

Variable	Coefficient	Std.Error	z-value	Probability
W_WDBD	0.3418469	0.1577295	2.167298	0.0302120
CONSTANT	0.01103149	0.06075733	0.1815664	0.8559230
WINFRA	-0.8906792	0.3923975	-2.269839	0.0232173
WLINGKU	2.26538	0.2426416	9.336319	0.0000000
WSDY	0.1494768	0.3431126	0.4356493	0.6630912
WPELAYA	-0.08835582	0.1308914	-0.6750317	0.4996555
WPERILA	-1.049939	0.2695644	-3.894948	0.0000983

#### REGRESSION DIAGNOSTICS

DIAGNOSTICS FOR HETEROSKEDASTICITY

RANDOM COEFFICIENTS

TEST	DF	VALUE	PROB
Breusch-Pagan test	5	3.5009	0.6232515

#### DIAGNOSTICS FOR SPATIAL DEPENDENCE

SPATIAL LAG DEPENDENCE FOR WEIGHT MATRIX : queen.gal

TEST	DF	VALUE	PROB
Likelihood Ratio Test	1	3.413546	0.0646634

===== END OF REPORT =====



**Lampiran 15. Hasil Analisis data spasial dengan pembobot (queen contiguity)  
sentral daerah endemis setelah pembobotan**

## Regression

SUMMARY OF OUTPUT: ORDINARY LEAST SQUARES ESTIMATION

Data set : kecamatan  
 Dependent Variable : WDBD Number of Observations: 27  
 Mean dependent var : -8.22387e-018 Number of Variables : 6  
 S.D. dependent var : 1.00015 Degrees of Freedom : 21

R-squared : 0.883774 F-statistic : 31.9366  
 Adjusted R-squared : 0.856102 Prob(F-statistic) : 3.9245e-009  
 Sum squared residual: 3.13906 Log likelihood : -9.26051  
 Sigma-square : 0.149479 Akaike info criterion : 30.521  
 S.E. of regression : 0.386625 Schwarz criterion : 38.296  
 Sigma-square ML : 0.116261  
 S.E of regression ML: 0.340971

Variable	Coefficient	Std.Error	t-Statistic	Probability
CONSTANT	0.0005074132	0.07440612	0.006819508	0.9946344
WINFRA	-1.10626	0.4810967	-2.299455	0.0318386
WLINGKU	2.278421	0.2934385	7.76456	0.0000001
WSDY	0.3155936	0.4204973	0.7505246	0.4612660
WPELAYA	-0.1204878	0.1601671	-0.7522634	0.4602420
WPERILA	-0.9910909	0.3306613	-2.997299	0.0068641

## REGRESSION DIAGNOSTICS

MULTICOLLINEARITY CONDITION NUMBER 18.245184

## TEST ON NORMALITY OF ERRORS

TEST	DF	VALUE	PROB
Jarque-Bera	2	9.008798	0.0110602

## DIAGNOSTICS FOR HETEROSKEDASTICITY

## RANDOM COEFFICIENTS

TEST	DF	VALUE	PROB
Breusch-Pagan test	5	3.806607	0.5775822
Koenker-Bassett test	5	1.767815	0.8802479

## SPECIFICATION ROBUST TEST

TEST	DF	VALUE	PROB
White	20	N/A	N/A

## DIAGNOSTICS FOR SPATIAL DEPENDENCE

FOR WEIGHT MATRIX : queenendemis.gal  
(row-standardized weights)

TEST	MI/DF	VALUE	PROB
Moran's I (error)	-0.033537	N/A	N/A
Lagrange Multiplier (lag)	1	5.1324969	0.0234819
Robust LM (lag)	1	9.4194728	0.0021469
Lagrange Multiplier (error)	1	0.0400760	0.8413321
Robust LM (error)	1	1.3270518	0.0775112
Lagrange Multiplier (SARMA)	2	1.4595487	0.0688285

===== END OF REPORT =====

#### Regression

SUMMARY OF OUTPUT: SPATIAL LAG MODEL - MAXIMUM LIKELIHOOD ESTIMATION

Data set : kecamatan  
 Spatial Weight : queenendemis.gal  
 Dependent Variable : WBD Number of Observations: 27  
 Mean dependent var : -8.22387e-018 Number of Variables : 7  
 S.D. dependent var : 1.00015 Degrees of Freedom : 20  
 Lag coeff. (Rho) : -0.348906

R-squared : 0.907515 Log likelihood : -6.4834  
 Sq. Correlation : - Akaike info criterion : 26.9668  
 Sigma-square : 0.0925135 Schwarz criterion : 36.0377  
 S.E of regression : 0.30416

Variable	Coefficient	Std. Error	z-value	Probability
W_WBD	-0.348906	0.1414824	-2.466073	0.0136604
CONSTANT	-0.5097898	0.2114323	-2.411125	0.0159034
WINFRA	-0.7528734	0.4545704	-1.656231	0.0976751
WLINGKU	1.83031	0.2828292	6.471431	0.0000000
WSDY	0.3718174	0.339442	1.095378	0.2733510
WPELAYA	-0.07279234	0.1280938	-0.5682735	0.5698492
WPERILA	-1.038512	0.2638809	-3.935533	0.0000830

#### REGRESSION DIAGNOSTICS

DIAGNOSTICS FOR HETEROSKEDASTICITY

RANDOM COEFFICIENTS

TEST	DF	VALUE	PROB
Breusch-Pagan test	5	4.487236	0.4815930

#### DIAGNOSTICS FOR SPATIAL DEPENDENCE

SPATIAL LAG DEPENDENCE FOR WEIGHT MATRIX : queenendemis.gal

TEST	DF	VALUE	PROB
Likelihood Ratio Test	1	5.554222	0.0184362

===== END OF REPORT =====

**Lampiran 16 . Format pengambilan data sekunder**

<b>FORMAT PENGAMBILAN DATA SEKUNDER</b>			
<b>1. TEMPAT</b>			
a.	Kecamatan	:	
b.	Puskesmas	:	
<b>2. INFRASTRUKTUR</b>			
a.	Pustu	:	
b.	Polindes	:	
c.	Poskesdes	:	
d.	Posyandu	:	
<b>3. LINGKUNGAN</b>			
a.	Suhu	:	C <sup>0</sup>
b.	Curah hujan	:	mm
c.	Ketinggian dari permukaan air laut	:	M
d.	Kepadatan penduduk	:	orang/Km <sup>2</sup>
<b>4. PERILAKU</b>			
a.	PHBS	:	%
b.	Rumah bebas jentik	:	%
	Rumah sehat	:	%
<b>5. PELAYANAN</b>			
a.	Pemberian abate	:	
b.	Pemberian penyuluhan DBD	:	
c.	Pemberian pengasapan	:	

**6. SUMBER DAYA**

- a. Tenaga kesehatan : Orang ,
- b. Tenaga penyuluh : Orang

**7. KEJADIAN DBD**

- a. Insiden Rate DBD : IR
- b. Case Fatality Rate DBD :



IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA  
**KEMENTERIAN PENDIDIKAN NASIONAL**  
**UNIVERSITAS HASANUDDIN**  
**FAKULTAS KEDOKTERAN**  
**KOMISI ETIK PENELITIAN KESEHATAN**

Sekretariat : Lantai 3 Gedung Laboratorium Terpadu  
JL.PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10, Makassar. Telp. (0411)5780103, Fax (0411) 581431.  
Contact person dr. Agussalim Bukhari,PhD,SpGK (HP. 081241850858), email: agussalimbukhari@yahoo.com

**REKOMENDASI PERSETUJUAN ETIK**  
Nomor : 01005 /H4.8.4.5.31/PP36-KOMETIK/2012

Komisi Etik Penelitian Kesehatan Fakultas Kedokteran Universitas Hasanuddin, setelah melalui pembahasan dan penilaian **secara Exempted** telah memutuskan, protokol penelitian berjudul:

*Pengembangan Model Persamaan Struktural dengan Pendekatan Spasial pada Kasus Demam Berdarah di Kabupaten Bone Propinsi Sulawesi Selatan*

dengan Peneliti Utama: **Drs. Stang.,MKes**

No. Register

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yang diterima pada tanggal: **3 September 2012**

**dapat disetujui untuk dilaksanakan di Kabupaten Bone Propinsi Sulawesi Selatan.** Persetujuan Etik ini berlaku sejak tanggal ditetapkan sampai dengan batas waktu pelaksanaan penelitian.

Pada akhir penelitian, **laporan pelaksanaan penelitian** harus diserahkan kepada KEPK Fakultas Kedokteran Unhas. Jika ada perubahan protokol dan /atau perpanjangan penelitian, harus mengajukan kembali permohonan kajian etik penelitian (amandemen protokol).

Makassar, 7 September 2012

**Komisi Etik Penelitian Kesehatan Fak. Kedokteran Unhas**

Ketua

**Prof.Dr.dr.Suryani As'ad,M.Sc,Sp.GK**  
NIP 19600504 1986 01 2 002

Sekretaris

**dr.Agussalim B, MMed,Ph.D,SpGK**  
NIP 19700821 1999 03 1 001



PEMERINTAH KABUPATEN BONE  
IR-PERPUSTAKAAN UNIVERSITAS AIRLANGGA  
**KANTOR PENELITIAN DAN PENGEMBANGAN**  
Alamat : Jalan Yos Sudarso Telp/Fax. (0481) 27467 Email: litbangbone@yahoo.co.id  
**WATAMPONE**

**IZIN PENELITIAN**  
Nomor : 070 / 813/ VII/ 2012

Menunjuk surat : Kepala Badan Penelitian dan Pengembangan prov. Sul Sel  
Nomor : 070.5.1/8520/Balitbangda Tanggal: 02 Juli 2012  
Perihal : Izin/Rekomendasi Penelitian

Dengan ini memberikan Izin Penelitian :

Nama : **Drs. STANG, M.Kes**  
Nomor Pokok : 091070807D  
Jenis Kelamin : Laki-laki  
Pekerjaan : Mahasiswa  
Alamat : Jl. Mulyerejo, Surabaya

Maksud dan Tujuan mengadakan penelitian dalam rangka penulisan Desertasi dengan Judul :  
**"PENGEMBANGAN MODEL PERSAMAAN STRUKTURAL DENGAN PENDEKATAN SPASIAL PADA KASUS DEMAM BERDARAH DI KABUPATEN BONE PROVINSI SULAWESI SELATAN"**

Lamanya Penelitian : 02 Julis/d 02 Oktober 2012

Dengan ketentuan sebagai berikut :

1. Sebelum dan sesudah melaksanakan kegiatan penelitian kiranya melapor pada Instansi Dinas dan Unit Kerja Serta Camat yang bersangkutan.
2. Penelitian tidak menyimpang dari maksud izin yang diberikan.
3. Mentaati semua peraturan perundang-undangan yang berlaku, serta menghormati Adat Istiadat setempat.
4. Menyerahkan 1 ( satu ) exemplar Foto Copy hasil penelitian kepada Bupati Bone Cq. Kepala Kantor Penelitian dan Pengembangan Kabupaten Bone.
5. Surat Izin Penelitian akan dicabut kembali dan dinyatakan tidak berlaku bilamana pemegang izin ternyata tidak mentaati ketentuan-ketentuan tersebut diatas.

Demikian Izin Penelitian ini diberikan untuk dipergunakan sebagaimana mestinya.

Watampone, 26 Juli 2012

**KEPALA KANTOR**  
  
**ANDI ANSAR AMAL, SH, M. Si**  
Pangkat : Pembina IV/A  
Nip : 19620902 199203 1 005

Tembusan : Kepada Yth.

1. Kepala Dinas Kesehatan Kabupaten Bone
2. Mahasiswa yang bersangkutan
3. Pertinggal-

di Watampone  
di Tempat