

Lampiran 6 Iterasi Perhitungan Algoritma Wagner Within (SBM)

Periode	Biaya Pesan (C)	Harga Bahan baku (c)	Qce	Biaya Simpan (Hp)	Sum(Qce-Qci)	Biaya Penyusutan (S)	Total Cost (C + (Hp x Sum(Qce-Qci) + (S))
Z11	11302880	9500	70742	13.37828	0	(S = 0.02 x Jumlah bahan baku tersimpan dalam periode penyusutan x harga bahan baku)	Rp 11,302,880.00
Z12	11302880	9500	294934	13.37828	224192.4		Rp 14,302,188.61
Z13	11302880	9500	524549	13.37828	683422.4		Rp 20,445,895.95
Z14	11302880	9500	764244	13.37828	1402507.4		Rp 30,066,016.12
Z15	11302880	9500	940986	13.37828	2109475.4		Rp 39,524,031.69
Z16	11302880	9500	1142319	13.37828	3116140.4		Rp 52,991,477.51
Z17	11302880	9500	1332057	13.37828	4254564.8		Rp 68,221,637.43
Z18	11302880	9500	1521794	13.37828	5582727		Rp 85,990,157.33
Z19	11302880	9500	1691234	13.37828	6938246.6	Rp32,193,600	Rp 136,318,282.88
Z110	11302880	9500	1867324	13.37828	8523060	Rp65,650,776	Rp 190,977,538.32
Z111	11302880	9500	2092939	13.37828	10779210.2	Rp108,517,626	Rp 264,027,793.82
Z112	11302880	9500	2305164	13.37828	13113678.6	Rp148,840,262	Rp 335,581,600.77
Z113	11302880	9500	2524913	13.37828	15750671.4	Rp190,592,648	Rp 412,612,413.73
Z114	11302880	9500	2741567	13.37828	18567165.6	Rp231,756,794	Rp 491,456,406.60
Z115	11302880	9500	2941870	13.37828	21371413.2	Rp269,814,440	Rp 567,030,061.03
Z116	11302880	9500	3152634	13.37828	24532879.2	Rp309,859,676	Rp 649,370,273.09
Z117	11302880	9500	3357359	13.37828	27808479.2	Rp387,655,176	Rp 770,987,665.72
Z118	11302880	9500	3556063	13.37828	31186437	Rp463,162,468	Rp 891,686,221.61
Z119	11302880	9500	3787710	13.37828	35356083	Rp551,188,328	Rp 1,035,494,771.59
Z120	11302880	9500	4049797	13.37828	40335736	Rp650,781,388	Rp 1,201,707,021.69
Z121	11302880	9500	4248500	13.37828	44309804	Rp726,288,680	Rp 1,330,380,506.51
Z122	11302880	9500	4448200	13.37828	48503504	Rp802,174,680	Rp 1,462,370,997.62
Z123	11302880	9500	4682735	13.37828	53663274	Rp891,297,980	Rp 1,620,523,143.31
Z124	11302880	9500	4888671	13.37828	58399802	Rp969,553,660	Rp 1,762,145,419.18
Z125	11302880	9500	5089300	13.37828	63214883.6	Rp1,083,911,848	Rp 1,940,921,115.07
Z126	11302880	9500	5266042	13.37828	67633433.6	Rp1,184,654,788	Rp 2,100,776,652.36
Z127	11302880	9500	5439554	13.37828	72144745.6	Rp1,283,556,628	Rp 2,260,032,085.61
Z128	11302880	9500	5618323	13.37828	76971519.4	Rp1,385,455,186	Rp 2,426,504,573.03
Z129	11302880	9500	5800751	13.37828	82079503.4	Rp1,489,439,146	Rp 2,598,824,571.12
Z130	11302880	9500	6015967	13.37828	88320779	Rp1,612,112,494	Rp 2,804,995,449.10
Z131	11302880	9500	6223196	13.37828	94537649	Rp1,730,233,024	Rp 3,006,287,004.14
Z132	11302880	9500	6426736	13.37828	100847389	Rp1,846,250,824	Rp 3,206,718,270.00
Z133	11302880	9500	6865306	13.37828	114881629	Rp2,179,564,024	Rp 3,727,785,456.56
Z134	11302880	9500	7096135	13.37828	122498966.2	Rp2,354,993,608	Rp 4,005,121,907.36
Z135	11302880	9500	7309388	13.37828	129749581.8	Rp2,517,066,192	Rp 4,264,195,254.05
Z136	11302880	9500	7515778	13.37828	136973210.8	Rp2,673,922,136	Rp 4,517,690,926.47
Z137	11302880	9500	7724278	13.37828	144479210.8	Rp2,832,382,136	Rp 4,776,568,293.08
Z138	11302880	9500	7918603	13.37828	151669235.8	Rp2,980,069,136	Rp 5,020,445,457.79
Z139	11302880	9500	8128423	13.37828	159642395.8	Rp3,139,532,336	Rp 5,286,575,821.49
Z140	11302880	9500	8399593	13.37828	170218041.4	Rp3,345,621,840	Rp 5,634,149,269.17
Z141	11302880	9500	8611933	13.37828	178711641	Rp3,547,344,840	Rp 5,949,502,024.70
Z142	11302880	9500	8832557	13.37828	187757242	Rp3,756,938,020	Rp 6,280,109,775.92

Z143	11302880	9500	9043469	13.37828	196615542	Rp3,957,304,325	Rp	6,598,984,892.34
Z144	11302880	9500	9229772	13.37828	204626545	Rp4,134,291,605	Rp	6,883,145,612.95
Z145	11302880	9500	9404693	13.37828	212323069	Rp4,300,466,555	Rp	7,152,286,812.89
Z146	11302880	9500	9565288	13.37828	219549866	Rp4,453,032,280	Rp	7,401,534,655.39
Z147	11302880	9500	9720342	13.37828	226682327	Rp4,600,333,105	Rp	7,644,255,537.82
Z148	11302880	9500	9923608	13.37828	236235829	Rp4,793,435,805	Rp	7,965,167,658.64
Z149	11302880	9500	10109553	13.37828	245161189	Rp5,005,413,105	Rp	8,296,550,920.16
Z150	11302880	9500	10412536	13.37828	260007356	Rp5,350,813,725	Rp	8,840,567,713.14
Z151	11302880	9500	10662484	13.37828	272504756	Rp5,635,754,445	Rp	9,292,702,144.49
Z152	11302880	9500	10822097	13.37828	280645040	Rp5,817,713,721	Rp	9,583,564,407.76
Z21	11302880	9500	294934	13.37828	0		Rp	11,302,880.00
Z22	11302880	9500	524549	13.37828	229615		Rp	14,374,733.67
Z23	11302880	9500	764244	13.37828	709005		Rp	20,788,147.12
Z24	11302880	9500	940986	13.37828	1239231		Rp	27,881,658.80
Z25	11302880	9500	1142319	13.37828	2044563		Rp	38,655,615.45
Z26	11302880	9500	1332057	13.37828	2993250		Rp	51,347,415.38
Z27	11302880	9500	1521794	13.37828	4131674.4		Rp	66,577,575.30
Z28	11302880	9500	1691234	13.37828	5317754		Rp	82,445,285.16
Z29	11302880	9500	1867324	13.37828	6726477.6	Rp33,457,176	Rp	134,748,753.99
Z210	11302880	9500	2092939	13.37828	8757012.6	Rp76,324,026	Rp	204,780,668.94
Z211	11302880	9500	2305164	13.37828	10879256.6	Rp116,646,662	Rp	273,495,278.53
Z212	11302880	9500	2524913	13.37828	13296500	Rp158,399,048	Rp	347,586,222.57
Z213	11302880	9500	2741567	13.37828	15896340.8	Rp199,563,194	Rp	423,531,765.69
Z214	11302880	9500	2941870	13.37828	18500285	Rp237,620,840	Rp	496,425,705.23
Z215	11302880	9500	3152634	13.37828	21450986.6	Rp277,666,076	Rp	575,946,252.22
Z216	11302880	9500	3357359	13.37828	24521861.6	Rp316,563,826	Rp	655,927,026.56
Z217	11302880	9500	3556063	13.37828	27701116	Rp392,071,118	Rp	773,967,272.81
Z218	11302880	9500	3787710	13.37828	31639115	Rp480,096,978	Rp	914,676,784.46
Z219	11302880	9500	4049797	13.37828	36356681	Rp579,690,038	Rp	1,077,382,761.40
Z220	11302880	9500	4248500	13.37828	40132045.6	Rp655,197,330	Rp	1,203,397,936.57
Z221	11302880	9500	4448200	13.37828	44126045.6	Rp731,083,330	Rp	1,332,716,785.25
Z222	11302880	9500	4682735	13.37828	49051280.6	Rp820,206,630	Rp	1,487,731,256.13
Z223	11302880	9500	4888671	13.37828	53581872.6	Rp898,462,310	Rp	1,626,598,462.62
Z224	11302880	9500	5089300	13.37828	58196325.8	Rp974,701,102	Rp	1,764,570,699.68
Z225	11302880	9500	5266042	13.37828	62438133.8	Rp1,075,444,042	Rp	1,922,061,733.08
Z226	11302880	9500	5439554	13.37828	66775933.8	Rp1,174,345,882	Rp	2,078,995,874.28
Z227	11302880	9500	5618323	13.37828	71423938.2	Rp1,276,244,440	Rp	2,243,076,734.69
Z228	11302880	9500	5800751	13.37828	76349494.2	Rp1,380,228,400	Rp	2,412,956,159.99
Z229	11302880	9500	6015967	13.37828	82375553.4	Rp1,502,901,748	Rp	2,616,247,812.80
Z230	11302880	9500	6223196	13.37828	88385194.4	Rp1,621,022,278	Rp	2,814,767,000.33
Z231	11302880	9500	6426736	13.37828	94491394.4	Rp1,737,040,078	Rp	3,012,475,251.17
Z232	11302880	9500	6865306	13.37828	108087064.4	Rp1,987,024,978	Rp	3,444,346,825.65
Z233	11302880	9500	7096135	13.37828	115473573.2	Rp2,162,454,562	Rp	3,718,595,189.57
Z234	11302880	9500	7309388	13.37828	122510935.4	Rp2,324,527,146	Rp	3,974,815,572.66
Z235	11302880	9500	7515778	13.37828	129528175	Rp2,481,383,090	Rp	4,225,550,109.98

Z236	11302880	9500	7724278	13.37828	136825675	Rp2,639,843,090	Rp	4,481,638,105.29
Z237	11302880	9500	7918603	13.37828	143821375	Rp2,787,530,090	Rp	4,722,915,535.82
Z238	11302880	9500	8128423	13.37828	151584715	Rp2,946,993,290	Rp	4,986,238,868.90
Z239	11302880	9500	8399593	13.37828	161889190.2	Rp3,153,082,794	Rp	5,330,184,523.15
Z240	11302880	9500	8611933	13.37828	170170450.2	Rp3,314,461,194	Rp	5,602,351,934.80
Z241	11302880	9500	8832557	13.37828	178995426	Rp3,524,054,374	Rp	5,930,008,111.10
Z242	11302880	9500	9043469	13.37828	187642814	Rp3,724,420,679	Rp	6,246,061,589.15
Z243	11302880	9500	9229772	13.37828	195467515	Rp3,901,407,959	Rp	6,527,729,904.17
Z244	11302880	9500	9404693	13.37828	202989118	Rp4,067,582,909	Rp	6,794,530,962.07
Z245	11302880	9500	9565288	13.37828	210055320	Rp4,220,148,634	Rp	7,041,630,313.07
Z246	11302880	9500	9720342	13.37828	217032727	Rp4,367,449,459	Rp	7,282,276,846.42
Z247	11302880	9500	9923608	13.37828	226382963	Rp4,560,552,159	Rp	7,600,469,617.86
Z248	11302880	9500	10109553	13.37828	235122378	Rp4,737,199,909	Rp	7,894,035,705.19
Z249	11302880	9500	10412536	13.37828	249665562	Rp5,082,600,529	Rp	8,433,999,106.87
Z250	11302880	9500	10662484	13.37828	261913014	Rp5,367,541,249	Rp	8,882,789,664.00
Z251	11302880	9500	10822097	13.37828	269893684	Rp5,549,500,525	Rp	9,171,516,574.58
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Z521	11302880	9500	10822097	13.37828	0	0	Rp	1.1302.880,00



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