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# LAMPIRAN

**Lampiran 1. Tabel Data Penelitian**

Kelompok	No.	Periode 1	Periode 2	Periode 3	Total
1	1	12176	11424	14319	37919
	2	10913	12114	11640	34667
	3	11004	11802	11234	34040
	4	14377	15322	13700	43399
	5	15110	18308	18598	52016
	6	21644	23917	24176	69737
	7	11367	10524	13224	35115
<b>Subtotal</b>		96591	103411	106891	306893
2	1	12153	9771	12794	34718
	2	14121	12292	18396	44809
	3	6339	7860	7907	22106
	4	20062	17667	23253	60982
	5	12306	17170	15114	44590
	6	19123	15472	17058	51653
	7	20043	15816	19540	55399
<b>Subtotal</b>		104147	96048	114062	314257
3	1	8261	11015	9030	28306
	2	16785	15493	19305	51583
	3	14847	13936	12399	41182
	4	6692	6938	7677	21307
	5	11060	13337	12348	36745
	6	13196	11538	12685	37419
	7	14008	12906	14744	41658
<b>Subtotal</b>		84849	85163	88188	258200
<b>TOTAL</b>		285587	284622	309141	879350

**Lampiran 2. Tabel Data Penelitian Setelah diestimasi dengan *Robust M***

Kelompok	No.	Periode 1	Periode 2	Periode 3	Total
1	1	12176	11424	14319	37919
	2	10913	12114	11640	34667
	3	11004	11802	11234	34040
	4	14377	15322	13700	43399
	5	15110	18308	18598	52016
	6	21644	23917	24176	69737
	7	11367	10524	13224	35115
<b>Subtotal</b>		<b>96591</b>	<b>103411</b>	<b>106891</b>	<b>306893</b>
2	1	12153	9771	12794	34718
	2	14121	12292	18396	44809
	3	6339	7860	7907	22106
	4	20062	17667	14129.311	51858.311
	5	12306	17170	15114	44590
	6	19123	15472	17058	51653
	7	20043	15816	19540	55399
<b>Subtotal</b>		<b>104147</b>	<b>96048</b>	<b>114062</b>	<b>305133.311</b>
3	1	8261	11015	9030	28306
	2	16785	15493	19305	51583
	3	14847	13936	12399	41182
	4	6692	6938	7677	21307
	5	11060	13337	12348	36745
	6	13196	11538	12685	37419
	7	14008	12906	14744	41658
<b>Subtotal</b>		<b>84849</b>	<b>85163</b>	<b>88188</b>	<b>258200</b>
<b>TOTAL</b>		<b>285587</b>	<b>284622</b>	<b>309141</b>	<b>870226.311</b>

**Lampiran 3. Tabel Nilai Kritis Uji *Kolmogorov-Smirnov***

N	Probabilitas				
	0.01	0.02	0.05	0.1	0.2
51	0.22825	0.21284	0.19044	0.17083	0.14983
52	0.22604	0.21079	0.18860	0.16918	0.14838
53	0.22390	0.20879	0.18681	0.16758	0.14698
54	0.22181	0.20685	0.18507	0.16602	0.14561
55	0.21979	0.20496	0.18338	0.16450	0.14428
56	0.21782	0.20312	0.18174	0.16303	0.14298
57	0.21590	0.20133	0.18014	0.16159	0.14172
58	0.21403	0.19959	0.17858	0.16019	0.14050
59	0.21221	0.19789	0.17706	0.15883	0.13930
60	0.21043	0.19623	0.17558	0.15750	0.13814
61	0.20870	0.19462	0.17413	0.15620	0.13700
62	0.20701	0.19304	0.17272	0.15494	0.13589
63	0.20536	0.19150	0.17134	0.15371	0.13481
64	0.20375	0.19000	0.17000	0.15250	0.13375
65	0.20218	0.18853	0.16869	0.15132	0.13272
66	0.20064	0.18710	0.16740	0.15017	0.13171
67	0.19914	0.18570	0.16615	0.14905	0.13072
68	0.19767	0.18433	0.16492	0.14795	0.12976
69	0.19623	0.18299	0.16372	0.14687	0.12881
70	0.19482	0.18167	0.16255	0.14582	0.12789
71	0.19345	0.18039	0.16140	0.14479	0.12699
72	0.19210	0.17913	0.16028	0.14378	0.12610
73	0.19078	0.17790	0.15918	0.14279	0.12523
74	0.18948	0.17670	0.15810	0.14182	0.12438
75	0.18822	0.17551	0.15704	0.14087	0.12355

Lampiran 4. Tabel *Chi-Square*

Tabel Chi Square								
v	$\alpha$ (alpha)							
	0,995	0,99	0,975	0,95	0,9	0,1	0,05	0,025
1	0,0000	0,0002	0,0010	0,0039	0,0158	2,7055	3,8415	5,0239
2	0,0100	0,0201	0,0506	0,1026	0,2107	4,6052	5,9915	7,3778
3	0,0717	0,1148	0,2158	0,3518	0,5844	6,2514	7,8147	9,3484
4	0,2070	0,2971	0,4844	0,7107	1,0636	7,7794	9,4877	11,1433
5	0,4117	0,5543	0,8312	1,1455	1,6103	9,2364	11,0705	12,8325
6	0,6757	0,8721	1,2373	1,6354	2,2041	10,6446	12,5916	14,4494
7	0,9893	1,2390	1,6899	2,1673	2,8331	12,0170	14,0671	16,0128
8	1,3444	1,6465	2,1797	2,7326	3,4895	13,3616	15,5073	17,5345
9	1,7349	2,0879	2,7004	3,3251	4,1682	14,6837	16,9190	19,0228
10	2,1559	2,5582	3,2470	3,9403	4,8652	15,9872	18,3070	20,4832
11	2,6032	3,0535	3,8157	4,5748	5,5778	17,2750	19,6751	21,9200
12	3,0738	3,5706	4,4038	5,2260	6,3038	18,5493	21,0261	23,3367
13	3,5650	4,1069	5,0088	5,8919	7,0415	19,8119	22,3620	24,7356
14	4,0747	4,6604	5,6287	6,5706	7,7895	21,0641	23,6848	26,1189
15	4,6009	5,2293	6,2621	7,2609	8,5468	22,3071	24,9958	27,4884
16	5,1422	5,8122	6,9077	7,9616	9,3122	23,5418	26,2962	28,8454
17	5,6972	6,4078	7,5642	8,6718	10,0852	24,7690	27,5871	30,1910
18	6,2648	7,0149	8,2307	9,3905	10,8649	25,9894	28,8693	31,5264
19	6,8440	7,6327	8,9065	10,1170	11,6509	27,2036	30,1435	32,8523
20	7,4338	8,2604	9,5908	10,8508	12,4426	28,4120	31,4104	34,1696
21	8,0337	8,8972	10,2829	11,5913	13,2396	29,6151	32,6706	35,4789
22	8,6427	9,5425	10,9823	12,3380	14,0415	30,8133	33,9244	36,7807
23	9,2604	10,1957	11,6886	13,0905	14,8480	32,0069	35,1725	38,0756
24	9,8862	10,8564	12,4012	13,8484	15,6587	33,1962	36,4150	39,3641
25	10,5197	11,5240	13,1197	14,6114	16,4734	34,3816	37,6525	40,6465
26	11,1602	12,1981	13,8439	15,3792	17,2919	35,5632	38,8851	41,9232
27	11,8076	12,8785	14,5734	16,1514	18,1139	36,7412	40,1133	43,1945
28	12,4613	13,5647	15,3079	16,9279	18,9392	37,9159	41,3371	44,4608
29	13,1211	14,2565	16,0471	17,7084	19,7677	39,0875	42,5570	45,7223
30	13,7867	14,9535	16,7908	18,4927	20,5992	40,2560	43,7730	46,9792
31	14,4578	15,6555	17,5387	19,2806	21,4336	41,4217	44,9853	48,2319

**Lampiran 4. Tabel *Chi-Square* (Lanjutan)**

31	14,4578	15,6555	17,5387	19,2806	21,4336	41,4217	44,9853	48,2319
32	15,1340	16,3622	18,2908	20,0719	22,2706	42,5847	46,1943	49,4804
33	15,8153	17,0735	19,0467	20,8665	23,1102	43,7452	47,3999	50,7251
34	16,5013	17,7891	19,8063	21,6643	23,9523	44,9032	48,6024	51,9660
35	17,1918	18,5089	20,5694	22,4650	24,7967	46,0588	49,8018	53,2033
36	17,8867	19,2327	21,3359	23,2686	25,6433	47,2122	50,9985	54,4373
37	18,5858	19,9602	22,1056	24,0749	26,4921	48,3634	52,1923	55,6680
38	19,2889	20,6914	22,8785	24,8839	27,3430	49,5126	53,3835	56,8955
39	19,9959	21,4262	23,6543	25,6954	28,1958	50,6598	54,5722	58,1201
40	20,7065	22,1643	24,4330	26,5093	29,0505	51,8051	55,7585	59,3417
41	21,4208	22,9056	25,2145	27,3256	29,9071	52,9485	56,9424	60,5606
42	22,1385	23,6501	25,9987	28,1440	30,7654	54,0902	58,1240	61,7768
43	22,8595	24,3976	26,7854	28,9647	31,6255	55,2302	59,3035	62,9904
44	23,5837	25,1480	27,5746	29,7875	32,4871	56,3685	60,4809	64,2015
45	24,3110	25,9013	28,3662	30,6123	33,3504	57,5053	61,6562	65,4102
46	25,0413	26,6572	29,1601	31,4390	34,2152	58,6405	62,8296	66,6165
47	25,7746	27,4158	29,9562	32,2676	35,0814	59,7743	64,0011	67,8206
48	26,5106	28,1770	30,7545	33,0981	35,9491	60,9066	65,1708	69,0226
49	27,2493	28,9406	31,5549	33,9303	36,8182	62,0375	66,3386	70,2224
50	27,9907	29,7067	32,3574	34,7643	37,6886	63,1671	67,5048	71,4202
51	28,7347	30,4750	33,1618	35,5999	38,5604	64,2954	68,6693	72,6160
52	29,4812	31,2457	33,9681	36,4371	39,4334	65,4224	69,8322	73,8099
53	30,2300	32,0185	34,7763	37,2759	40,3076	66,5482	70,9935	75,0019
54	30,9813	32,7934	35,5863	38,1162	41,1830	67,6728	72,1532	76,1920
55	31,7348	33,5705	36,3981	38,9580	42,0596	68,7962	73,3115	77,3805
56	32,4905	34,3495	37,2116	39,8013	42,9373	69,9185	74,4683	78,5672
57	33,2484	35,1305	38,0267	40,6459	43,8161	71,0397	75,6237	79,7522
58	34,0084	35,9135	38,8435	41,4920	44,6960	72,1598	76,7778	80,9356
59	34,7704	36,6982	39,6619	42,3393	45,5770	73,2789	77,9305	82,1174
60	35,5345	37,4849	40,4817	43,1880	46,4589	74,3970	79,0819	83,2977
61	36,3005	38,2732	41,3031	44,0379	47,3418	75,5141	80,2321	84,4764
62	37,0684	39,0633	42,1260	44,8890	48,2257	76,6302	81,3810	85,6537
63	37,8382	39,8551	42,9503	45,7414	49,1105	77,7454	82,5287	86,8296
64	38,6098	40,6486	43,7760	46,5949	49,9963	78,8596	83,6753	88,0041
65	39,3831	41,4436	44,6030	47,4496	50,8829	79,9730	84,8206	89,1771
66	40,1582	42,2402	45,4314	48,3054	51,7705	81,0855	85,9649	90,3489



**Lampiran 5. Tabel Bantu Uji Bartlett**

Perlakuan 1			
	$Y_{ij}$	$\bar{Y}_{ij}$	$(Y_{ij} - \bar{Y}_{ij})^2$
	12176	13957.937	3175297.718
	10913	13957.937	9271638.337
	11004	13957.937	8725740.893
	14377	13957.937	175614.210
	15110	13957.937	1327250.290
	21644	13957.937	59075572.004
	11367	13957.937	6712951.988
	12153	13957.937	6420834.226
	14121	13957.937	3400101.845
	6339	13957.937	4648062.226
	20062	13957.937	1860669.210
	12306	13957.937	18923052.385
	19123	13957.937	99182945.639
	20043	13957.937	11791919.941
	8261	13957.937	130366.845
	16785	13957.937	5372829.655
	14847	13957.937	7419830.099
	6692	13957.937	66531.242
	11060	13957.937	21530189.210
	13196	13957.937	104408821.528
	14008	13957.937	538662.798
Total			374158882.291

**Lampiran 5. Tabel Bantu Uji Bartlett (Lanjutan)**

Perlakuan 2			
	$Y_{ij}$	$\bar{Y}_{ij}$	$(Y_{ij} - \bar{Y}_{ij})^2$
	12153	13957.937	3257795.798
	14121	13957.937	26589.702
	6339	13957.937	58048193.512
	20062	13957.937	37259591.115
	12306	13957.937	2728894.226
	19123	13957.937	26677880.877
	20043	13957.937	37027997.702
	9771	13957.937	17530437.321
	12292	13957.937	2775344.448
	7860	13957.937	37184829.655
	17667	13957.937	13757151.988
	17170	13957.937	10317351.877
	15472	13957.937	2292388.258
	15816	13957.937	3452399.941
	12794	13957.937	1354748.195
	18396	13957.937	19696407.560
	7907	13957.937	36613832.623
	23253	13957.937	86398205.321
	15114	13957.937	1336482.798
	17058	13957.937	9610393.655
	19540	13957.937	31159432.829
Total			438506349.402

**Lampiran 5. Tabel Bantu Uji Bartlett (Lanjutan)**

Perlakuan 3			
	$Y_{ij}$	$\bar{Y}_{ij}$	$(Y_{ij} - \bar{Y}_{ij})^2$
	8261	13957.937	32455085.575
	16785	13957.937	7992287.988
	14847	13957.937	790433.893
	6692	13957.937	52793833.337
	11060	13957.937	8398036.004
	13196	13957.937	580547.242
	14008	13957.937	2506.353
	11015	13957.937	8660875.290
	15493	13957.937	2356419.925
	13936	13957.937	481.210
	6938	13957.937	49279508.575
	13337	13957.937	385562.147
	11538	13957.937	5856092.702
	12906	13957.937	1106570.417
	9030	13957.937	24284558.226
	19305	13957.937	28591087.988
	12399	13957.937	2430283.036
	7677	13957.937	39450163.417
	12348	13957.937	2591895.560
	12685	13957.937	1620367.353
	14744	13957.937	617895.814
<b>Total</b>			270244492.053

Lampiran 6. Ringkasan Hasil Metode Estimasi *Robust M*

Parameter	Iterasi ke-i											
	OLS	1	2	3	4	5	6	7	8	9	10	11
$\mu$	7.555	7.557	7.565	7.569	7.571	7.572	7.572	7.573	7.573	7.573	7.574	7.574
$G_1$	2.396	2.397	2.391	2.389	2.390	2.391	2.392	2.393	2.394	2.395	2.395	2.395
$G_2$	2.312	2.297	2.300	2.303	2.304	2.304	2.303	2.303	2.303	2.303	2.302	2.302
$G_3$	2.848	2.863	2.874	2.877	2.877	2.877	2.877	2.877	2.876	2.876	2.876	2.876
$P_1$	3.090	3.067	3.053	3.047	3.046	3.045	3.044	3.043	3.042	3.042	3.042	3.042
$P_2$	3.079	3.100	3.105	3.104	3.103	3.103	3.104	3.104	3.104	3.105	3.105	3.105
$P_3$	1.387	1.391	1.406	1.418	1.422	1.424	1.425	1.426	1.426	1.427	1.427	1.427
$F_{(1,1)}$	0.470	0.513	0.525	0.518	0.514	0.506	0.502	0.500	0.498	0.497	0.496	0.495
$F_{(1,2)}$	1.156	1.051	1.011	1.006	1.001	1.004	1.005	1.005	1.006	1.006	1.007	1.007
$F_{(1,3)}$	1.464	1.503	1.517	1.523	1.531	1.535	1.537	1.538	1.539	1.539	1.539	1.540
$F_{(2,1)}$	1.607	1.631	1.646	1.656	1.660	1.663	1.664	1.665	1.666	1.667	1.667	1.668
$F_{(2,2)}$	0.368	0.406	0.423	0.417	0.414	0.413	0.413	0.412	0.412	0.412	0.412	0.412
$F_{(2,3)}$	1.103	1.063	1.037	1.031	1.029	1.028	1.027	1.027	1.026	1.026	1.026	1.026
$F_{(3,1)}$	0.319	0.253	0.220	0.216	0.216	0.222	0.226	0.228	0.230	0.231	0.232	0.233
$F_{(3,2)}$	0.787	0.840	0.867	0.879	0.889	0.887	0.886	0.885	0.885	0.884	0.884	0.884
$F_{(3,3)}$	0.280	0.298	0.319	0.323	0.317	0.315	0.313	0.312	0.312	0.311	0.311	0.311
$S_{11}$	-2.405	-2.408	-2.411	-2.414	-2.417	-2.420	-2.423	-2.425	-2.426	-2.427	-2.428	-2.429
$S_{21}$	0.411	0.283	0.250	0.262	0.261	0.269	0.272	0.272	0.272	0.272	0.272	0.272
$S_{31}$	-2.512	-2.516	-2.524	-2.528	-2.526	-2.523	-2.519	-2.515	-2.511	-2.509	-2.507	-2.505
$S_{41}$	0.632	0.721	0.768	0.796	0.817	0.832	0.843	0.851	0.857	0.861	0.864	0.866
$S_{51}$	-0.443	-0.446	-0.449	-0.452	-0.455	-0.458	-0.461	-0.463	-0.464	-0.465	-0.466	-0.467
$S_{61}$	4.720	4.716	4.713	4.710	4.707	4.704	4.702	4.700	4.698	4.697	4.696	4.696
$S_{71}$	1.992	2.047	2.045	2.016	2.004	1.987	1.978	1.972	1.968	1.965	1.963	1.962
$S_{12}$	-2.420	-2.402	-2.416	-2.425	-2.429	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431

**Lampiran 6. Ringkasan Hasil Metode Estimasi Robust M (Lanjutan)**

$S_{22}$	0.143	0.161	0.147	0.138	0.134	0.132	0.132	0.132	0.132	0.132	0.132	0.132
$S_{32}$	-2.125	-2.074	-2.036	-1.992	-1.974	-1.968	-1.968	-1.968	-1.968	-1.968	-1.968	-1.968
$S_{42}$	0.488	0.795	0.938	0.950	0.962	0.957	0.957	0.957	0.957	0.957	0.957	0.957
$S_{52}$	3.115	3.133	3.119	3.110	3.106	3.104	3.104	3.104	3.104	3.104	3.104	3.104
$S_{62}$	3.130	2.741	2.619	2.603	2.589	2.594	2.595	2.595	2.595	2.595	2.595	2.595
$S_{72}$	-0.021	-0.057	-0.071	-0.080	-0.084	-0.085	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086
$S_{13}$	-1.823	-1.845	-1.870	-1.880	-1.883	-1.884	-1.885	-1.885	-1.885	-1.885	-1.885	-1.885
$S_{23}$	3.098	3.371	3.523	3.577	3.593	3.587	3.587	3.587	3.587	3.587	3.587	3.587
$S_{33}$	-3.357	-3.406	-3.413	-3.415	-3.417	-3.419	-3.419	-3.419	-3.419	-3.419	-3.419	-3.420
$S_{43}$	-2.035	-2.058	-2.082	-2.092	-2.095	-2.096	-2.097	-2.097	-2.097	-2.097	-2.097	-2.097
$S_{53}$	1.483	1.460	1.436	1.426	1.423	1.422	1.421	1.421	1.421	1.421	1.421	1.421
$S_{63}$	3.515	3.367	3.338	3.354	3.353	3.364	3.366	3.367	3.367	3.367	3.367	3.367
$S_{73}$	1.966	1.974	1.941	1.908	1.905	1.904	1.904	1.903	1.903	1.903	1.903	1.903
$G$	-3738.4	-1412.5	-425.898	69.253	-36.023	74.7	17.421	6.115	4.619	2.398	1.776	1.152

Parameter	Iterasi ke-i											
	12	13	14	15	16	17	18	19	20	21	22	23
$\mu$	7.574	7.574	7.574	7.574	7.574	7.574	7.574	7.574	7.574	7.574	7.574	7.574
$G_1$	2.396	2.396	2.396	2.396	2.396	2.396	2.396	2.396	2.396	2.396	2.396	2.396
$G_2$	2.302	2.302	2.302	2.302	2.302	2.302	2.302	2.302	2.302	2.302	2.302	2.302
$G_3$	2.876	2.876	2.876	2.876	2.876	2.876	2.876	2.876	2.876	2.876	2.876	2.876
$P_1$	3.041	3.041	3.041	3.041	3.041	3.041	3.041	3.041	3.041	3.041	3.041	3.041
$P_2$	3.105	3.105	3.105	3.105	3.105	3.105	3.105	3.105	3.105	3.105	3.105	3.105
$P_3$	1.427	1.428	1.428	1.428	1.428	1.428	1.428	1.428	1.428	1.428	1.428	1.428
$F_{(1,1)}$	0.495	0.494	0.494	0.494	0.494	0.494	0.494	0.493	0.493	0.493	0.493	0.493
$F_{(1,2)}$	1.007	1.007	1.007	1.007	1.007	1.007	1.007	1.007	1.007	1.007	1.007	1.007

**Lampiran 6. Ringkasan Hasil Metode Estimasi *Robust M* (Lanjutan)**

$F_{(1,3)}$	1.540	1.540	1.540	1.540	1.540	1.540	1.540	1.540	1.540	1.540	1.540	1.540
$F_{(2,1)}$	1.668	1.668	1.668	1.668	1.668	1.669	1.669	1.669	1.669	1.669	1.669	1.669
$F_{(2,2)}$	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411
$F_{(2,3)}$	1.026	1.026	1.026	1.026	1.026	1.026	1.026	1.026	1.026	1.026	1.026	1.026
$F_{(3,1)}$	0.233	0.234	0.234	0.234	0.234	0.234	0.234	0.234	0.234	0.234	0.234	0.235
$F_{(3,2)}$	0.884	0.884	0.884	0.884	0.883	0.883	0.883	0.883	0.883	0.883	0.883	0.883
$F_{(3,3)}$	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310
$S_{11}$	-2.429	-2.430	-2.430	-2.430	-2.430	-2.430	-2.430	-2.430	-2.430	-2.430	-2.430	-2.431
$S_{21}$	0.272	0.272	0.272	0.272	0.272	0.272	0.272	0.272	0.272	0.272	0.272	0.272
$S_{31}$	-2.504	-2.503	-2.502	-2.502	-2.502	-2.501	-2.501	-2.501	-2.501	-2.501	-2.501	-2.501
$S_{41}$	0.868	0.869	0.870	0.871	0.871	0.872	0.872	0.872	0.872	0.872	0.872	0.872
$S_{51}$	-0.467	-0.468	-0.468	-0.468	-0.468	-0.468	-0.468	-0.468	-0.468	-0.468	-0.468	-0.469
$S_{61}$	4.695	4.695	4.695	4.694	4.694	4.694	4.694	4.694	4.694	4.694	4.694	4.694
$S_{71}$	1.961	1.960	1.959	1.959	1.959	1.959	1.958	1.958	1.958	1.958	1.958	1.958
$S_{12}$	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431
$S_{22}$	0.132	0.132	0.132	0.132	0.132	0.132	0.132	0.132	0.132	0.132	0.132	0.132
$S_{32}$	-1.968	-1.969	-1.969	-1.969	-1.969	-1.969	-1.969	-1.969	-1.969	-1.969	-1.969	-1.969
$S_{42}$	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957
$S_{52}$	3.104	3.104	3.104	3.104	3.104	3.104	3.104	3.104	3.104	3.104	3.104	3.104
$S_{62}$	2.595	2.595	2.595	2.595	2.595	2.595	2.595	2.595	2.595	2.595	2.595	2.595
$S_{72}$	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086
$S_{13}$	-1.885	-1.885	-1.885	-1.885	-1.885	-1.885	-1.885	-1.885	-1.885	-1.885	-1.885	-1.885
$S_{23}$	3.587	3.587	3.587	3.587	3.587	3.587	3.587	3.587	3.587	3.587	3.587	3.587
$S_{33}$	-3.420	-3.420	-3.420	-3.420	-3.420	-3.420	-3.420	-3.420	-3.420	-3.420	-3.420	-3.420
$S_{43}$	-2.097	-2.097	-2.097	-2.097	-2.097	-2.097	-2.097	-2.097	-2.097	-2.097	-2.097	-2.097
$S_{53}$	1.421	1.421	1.421	1.421	1.421	1.421	1.421	1.421	1.421	1.421	1.421	1.421

**Lampiran 6. Ringkasan Hasil Metode Estimasi *Robust M* (Lanjutan)**

$S_{63}$	3.367	3.367	3.367	3.367	3.367	3.367	3.367	3.367	3.367	3.367	3.367	3.367
$S_{73}$	1.903	1.903	1.903	1.903	1.903	1.903	1.903	1.903	1.903	1.903	1.903	1.903
$G$	0.848	0.6008	0.4425	0.3226	0.2379	0.175	0.1291	0.0952	0.0703	0.0518	0.0383	0.0282

Parameter	Iterasi ke-i											
	24	25	26	27	28	29	30	31	32	33	34	35
$\mu$	7.574	7.574	7.574	7.574	7.574	7.574	7.574	7.574	7.574	7.574	7.574	7.574
$G_1$	2.396	2.396	2.396	2.396	2.396	2.396	2.396	2.396	2.396	2.396	2.396	2.396
$G_2$	2.302	2.302	2.302	2.302	2.302	2.302	2.302	2.302	2.302	2.302	2.302	2.302
$G_3$	2.876	2.876	2.876	2.876	2.876	2.876	2.876	2.876	2.876	2.876	2.876	2.876
$P_1$	3.041	3.041	3.041	3.041	3.041	3.041	3.041	3.041	3.041	3.041	3.041	3.041
$P_2$	3.105	3.105	3.105	3.105	3.105	3.105	3.105	3.105	3.105	3.105	3.105	3.105
$P_3$	1.428	1.428	1.428	1.428	1.428	1.428	1.428	1.428	1.428	1.428	1.428	1.428
$F_{(1,1)}$	0.493	0.493	0.493	0.493	0.493	0.493	0.493	0.493	0.493	0.493	0.493	0.493
$F_{(1,2)}$	1.007	1.007	1.007	1.007	1.007	1.007	1.007	1.007	1.007	1.007	1.007	1.007
$F_{(1,3)}$	1.540	1.540	1.540	1.540	1.540	1.540	1.540	1.540	1.540	1.540	1.540	1.540
$F_{(2,1)}$	1.669	1.669	1.669	1.669	1.669	1.669	1.669	1.669	1.669	1.669	1.669	1.669
$F_{(2,2)}$	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411
$F_{(2,3)}$	1.026	1.026	1.026	1.026	1.026	1.026	1.026	1.026	1.026	1.026	1.026	1.026
$F_{(3,1)}$	0.235	0.235	0.235	0.235	0.235	0.235	0.235	0.235	0.235	0.235	0.235	0.235
$F_{(3,2)}$	0.883	0.883	0.883	0.883	0.883	0.883	0.883	0.883	0.883	0.883	0.883	0.883
$F_{(3,3)}$	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310
$S_{11}$	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431
$S_{21}$	0.272	0.272	0.272	0.272	0.272	0.272	0.272	0.272	0.272	0.272	0.272	0.272
$S_{31}$	-2.501	-2.501	-2.501	-2.501	-2.501	-2.501	-2.501	-2.501	-2.501	-2.501	-2.501	-2.501
$S_{41}$	0.872	0.872	0.872	0.873	0.873	0.873	0.873	0.873	0.873	0.873	0.873	0.873

**Lampiran 6. Ringkasan Hasil Metode Estimasi Robust M (Lanjutan)**

$S_{51}$	-0.469	-0.469	-0.469	-0.469	-0.469	-0.469	-0.469	-0.469	-0.469	-0.469	-0.469	-0.469
$S_{61}$	4.694	4.694	4.694	4.694	4.694	4.694	4.694	4.694	4.694	4.694	4.694	4.694
$S_{71}$	1.958	1.958	1.958	1.958	1.958	1.958	1.958	1.958	1.958	1.958	1.958	1.958
$S_{12}$	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431
$S_{22}$	0.132	0.132	0.132	0.132	0.132	0.132	0.132	0.132	0.132	0.132	0.132	0.132
$S_{32}$	-1.969	-1.969	-1.969	-1.969	-1.969	-1.969	-1.969	-1.969	-1.969	-1.969	-1.969	-1.969
$S_{42}$	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957	0.957
$S_{52}$	3.104	3.104	3.104	3.104	3.104	3.104	3.104	3.104	3.104	3.104	3.104	3.104
$S_{62}$	2.595	2.595	2.595	2.595	2.595	2.595	2.595	2.595	2.595	2.595	2.595	2.595
$S_{72}$	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086
$S_{13}$	-1.885	-1.885	-1.885	-1.885	-1.885	-1.885	-1.885	-1.885	-1.885	-1.885	-1.885	-1.885
$S_{23}$	3.587	3.587	3.587	3.587	3.587	3.587	3.587	3.587	3.587	3.587	3.587	3.587
$S_{33}$	-3.420	-3.420	-3.420	-3.420	-3.420	-3.420	-3.420	-3.420	-3.420	-3.420	-3.420	-3.420
$S_{43}$	-2.097	-2.097	-2.097	-2.097	-2.097	-2.097	-2.097	-2.097	-2.097	-2.097	-2.097	-2.097
$S_{53}$	1.421	1.421	1.421	1.421	1.421	1.421	1.421	1.421	1.421	1.421	1.421	1.421
$S_{63}$	3.367	3.367	3.367	3.367	3.367	3.367	3.367	3.367	3.367	3.367	3.367	3.367
$S_{73}$	1.903	1.903	1.903	1.903	1.903	1.903	1.903	1.903	1.903	1.903	1.903	1.903
$G$	0.0208	0.0154	0.0114	0.0084	0.0062	0.0046	0.0034	0.0025	0.0018	0.0014	0.0009984	0.0007367

Parameter	Iterasi ke-i						
	36	37	38	39	40	41	42
$\mu$	7.574	7.574	7.574	7.574	7.574	7.574	7.574
$G_1$	2.396	2.396	2.396	2.396	2.396	2.396	2.396
$G_2$	2.302	2.302	2.302	2.302	2.302	2.302	2.302
$G_3$	2.876	2.876	2.876	2.876	2.876	2.876	2.876
$P_1$	3.041	3.041	3.041	3.041	3.041	3.041	3.041
$P_2$	3.105	3.105	3.105	3.105	3.105	3.105	3.105



Lampiran 6. Ringkasan Hasil Metode Estimasi *Robust M* (Lanjutan)

$P_3$	1.428	1.428	1.428	1.428	1.428	1.428	1.428
$F_{(1,1)}$	0.493	0.493	0.493	0.493	0.493	0.493	0.493
$F_{(1,2)}$	1.007	1.007	1.007	1.007	1.007	1.007	1.007
$F_{(1,3)}$	1.540	1.540	1.540	1.540	1.540	1.540	1.540
$F_{(2,1)}$	1.669	1.669	1.669	1.669	1.669	1.669	1.669
$F_{(2,2)}$	0.411	0.411	0.411	0.411	0.411	0.411	0.411
$F_{(2,3)}$	1.026	1.026	1.026	1.026	1.026	1.026	1.026
$F_{(3,1)}$	0.235	0.235	0.235	0.235	0.235	0.235	0.235
$F_{(3,2)}$	0.883	0.883	0.883	0.883	0.883	0.883	0.883
$F_{(3,3)}$	0.310	0.310	0.310	0.310	0.310	0.310	0.310
$S_{11}$	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431
$S_{21}$	0.272	0.272	0.272	0.272	0.272	0.272	0.272
$S_{31}$	-2.501	-2.501	-2.501	-2.501	-2.501	-2.501	-2.501
$S_{41}$	0.873	0.873	0.873	0.873	0.873	0.873	0.873
$S_{51}$	-0.469	-0.469	-0.469	-0.469	-0.469	-0.469	-0.469
$S_{61}$	4.694	4.694	4.694	4.694	4.694	4.694	4.694
$S_{71}$	1.958	1.958	1.958	1.958	1.958	1.958	1.958
$S_{12}$	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431	-2.431
$S_{22}$	0.132	0.132	0.132	0.132	0.132	0.132	0.132
$S_{32}$	-1.969	-1.969	-1.969	-1.969	-1.969	-1.969	-1.969
$S_{42}$	0.957	0.957	0.957	0.957	0.957	0.957	0.957
$S_{52}$	3.104	3.104	3.104	3.104	3.104	3.104	3.104
$S_{62}$	2.595	2.595	2.595	2.595	2.595	2.595	2.595
$S_{72}$	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086	-0.086
$S_{13}$	-1.885	-1.885	-1.885	-1.885	-1.885	-1.885	-1.885
$S_{23}$	3.587	3.587	3.587	3.587	3.587	3.587	3.587

**Lampiran 6.** Ringkasan Hasil Metode Estimasi *Robust M* (Lanjutan)

$S_{33}$	-3.420	-3.420	-3.420	-3.420	-3.420	-3.420	-3.420
$S_{43}$	-2.097	-2.097	-2.097	-2.097	-2.097	-2.097	-2.097
$S_{53}$	1.421	1.421	1.421	1.421	1.421	1.421	1.421
$S_{63}$	3.367	3.367	3.367	3.367	3.367	3.367	3.367
$S_{73}$	1.903	1.903	1.903	1.903	1.903	1.903	1.903
$G$	0.00054363	0.00040115	0.00029602	0.00021843	0.00016119	0.00011894	0.000087767



