

## LAMPIRAN

### Lampiran 1. Daftar Populasi Perusahaan Sektor *Property & Real Estate* Tahun 2020-2023

No.	Kode	Nama Perusahaan	Sub Sektor
1	ADCP	Adhi Commuter Properti Tbk.	Property & Real Estate
2	AMAN	Makmur Berkah Amanda Tbk.	Property & Real Estate
3	APLN	Agung Podomoro Land Tbk.	Property & Real Estate
4	ARMY	Armidian Karyatama Tbk.	Property & Real Estate
5	ASPI	Andalan Sakti Primaindo Tbk.	Property & Real Estate
6	ASRI	Alam Sutera Realty Tbk.	Property & Real Estate
7	ATAP	Trimitra Prawara Goldland Tbk.	Property & Real Estate
8	BAPA	Bekasi Asri Pemula Tbk.	Property & Real Estate
9	BAPI	Bhakti Agung Propertindo Tbk.	Property & Real Estate
10	BBSS	Bumi Benowo Sukses Sejahtera Tbk	Property & Real Estate
11	BCIP	Bumi Citra Permai Tbk.	Property & Real Estate
12	BEST	Bekasi Fajar Industrial Estate	Property & Real Estate
13	BIKA	Binakarya Jaya Abadi Tbk.	Property & Real Estate
14	BIPP	Bhuwanatala Indah Permai Tbk.	Property & Real Estate
15	BKDP	Bukit Darmo Property Tbk	Property & Real Estate
16	BKSL	Sentul City Tbk.	Property & Real Estate
17	BSBK	Wulandari Bangun Laksana Tbk.	Property & Real Estate
18	BSDE	Bumi Serpong Damai Tbk.	Property & Real Estate
19	CBPE	Citra Buana Prasida Tbk.	Property & Real Estate
20	CITY	Natura City Developments Tbk.	Property & Real Estate
21	COWL	Cowell Development Tbk.	Property & Real Estate
22	CPRI	Capri Nusa Satu Properti Tbk.	Property & Real Estate
23	CSIS	Cahayasakti Investindo Sukses	Property & Real Estate
24	CTRA	Ciputra Development Tbk.	Property & Real Estate
25	DADA	Diamond Citra Propertindo Tbk.	Property & Real Estate
26	DART	Duta Anggada Realty Tbk.	Property & Real Estate
27	DILD	Intiland Development Tbk.	Property & Real Estate
28	DMAS	Puradelta Lestari Tbk.	Property & Real Estate
29	DUTI	Duta Pertiwi Tbk	Property & Real Estate
30	ELTY	Bakrieland Development Tbk.	Property & Real Estate
31	EMDE	Megapolitan Developments Tbk.	Property & Real Estate
32	FMII	Fortune Mate Indonesia Tbk	Property & Real Estate
33	FORZ	Forza Land Indonesia Tbk.	Property & Real Estate
34	GAMA	Aksara Global Development Tbk.	Property & Real Estate
35	GMTD	Gowa Makassar Tourism Developm	Property & Real Estate
36	GPRA	Perdana Gapuraprima Tbk.	Property & Real Estate

37	GRIA	Ingria Pratama Capitalindo Tbk	Property & Real Estate
38	HBAT	Minahasa Membangun Hebat Tbk.	Property & Real Estate
39	HOMI	Grand House Mulia Tbk.	Property & Real Estate
40	INDO	Royalindo Investa Wijaya Tbk.	Property & Real Estate
41	INPP	Indonesian Paradise Property Tbk	Property & Real Estate
42	IPAC	Era Graharealty Tbk.	Property & Real Estate
43	JRPT	Jaya Real Property Tbk.	Property & Real Estate
44	KBAG	Karya Bersama Anugerah Tbk.	Property & Real Estate
45	KIJA	Kawasan Industri Jababeka Tbk.	Property & Real Estate
46	KOCI	Kokoh Exa Nusantara Tbk.	Property & Real Estate
47	LAND	Trimitra Propertindo Tbk.	Property & Real Estate
48	LCGP	Eureka Prima Jakarta Tbk.	Property & Real Estate
49	LPCCK	Lippo Cikarang Tbk	Property & Real Estate
50	LPKR	Lippo Karawaci Tbk.	Property & Real Estate
51	LPLI	Star Pacific Tbk	Property & Real Estate
52	MDLN	Modernland Realty Tbk.	Property & Real Estate
53	MKPI	Metropolitan Kentjana Tbk.	Property & Real Estate
54	MMLP	Mega Manunggal Property Tbk.	Property & Real Estate
55	MPRO	Maha Properti Indonesia Tbk.	Property & Real Estate
56	MSIE	Multisarana Intan Eduka Tbk.	Property & Real Estate
57	MTLA	Metropolitan Land Tbk.	Property & Real Estate
58	MTSM	Metro Realty Tbk.	Property & Real Estate
59	MYRX	Hanson International Tbk.	Property & Real Estate
60	NASA	Andalan Perkasa Abadi Tbk.	Property & Real Estate
61	NIRO	City Retail Developments Tbk.	Property & Real Estate
62	NZIA	Nusantara Almazia Tbk.	Property & Real Estate
63	OMRE	Indonesia Prima Property Tbk	Property & Real Estate
64	PAMG	Bima Sakti Pertiwi Tbk.	Property & Real Estate
65	PLIN	Plaza Indonesia Realty Tbk.	Property & Real Estate
66	POLI	Pollux Hotels Group Tbk.	Property & Real Estate
67	POLL	Pollux Properties Indonesia Tbk	Property & Real Estate
68	POSA	Bliss Properti Indonesia Tbk.	Property & Real Estate
69	PPRO	PP Properti Tbk.	Property & Real Estate
70	PUDP	Pudjadi Prestige Tbk.	Property & Real Estate
71	PURI	Puri Global Sukses Tbk.	Property & Real Estate
72	PWON	Pakuwon Jati Tbk.	Property & Real Estate
73	RBMS	Ristia Bintang Mahkotasejati Tbk	Property & Real Estate
74	RDTX	Roda Vivatex Tbk	Property & Real Estate
75	REAL	Repower Asia Indonesia Tbk.	Property & Real Estate
76	RELF	Graha Mitra Asia Tbk.	Property & Real Estate
77	RIMO	Rimo International Lestari Tbk	Property & Real Estate
78	RISE	Jaya Sukses Makmur Sentosa Tbk	Property & Real Estate
79	ROCK	Rockfields Properti Indonesia	Property & Real Estate
80	RODA	Pikko Land Development Tbk.	Property & Real Estate

81	SAGE	Saptausaha Gemilangindah Tbk.	Property & Real Estate
82	SATU	Kota Satu Properti Tbk.	Property & Real Estate
83	SMDM	Suryamas Dutamakmur Tbk.	Property & Real Estate
84	SMRA	Summarecon Agung Tbk.	Property & Real Estate
85	SWID	Saraswanti Indoland Developmen	Property & Real Estate
86	TARA	Agung Semesta Sejahtera Tbk.	Property & Real Estate
87	TRIN	Perintis Trinita Properti Tbk.	Property & Real Estate
88	TRUE	Trinita Dinamik Tbk.	Property & Real Estate
89	UANG	Pakuan Tbk.	Property & Real Estate
90	URBN	Urban Jakarta Propertindo Tbk.	Property & Real Estate
91	VAST	Vastland Indonesia Tbk.	Property & Real Estate
92	WINR	Winner Nusantara Jaya Tbk.	Property & Real Estate

**Lampiran 2. Daftar Sampel Perusahaan Sektor *Property & Real Estate***

NO	KODE	NAMA PERUSAHAAN	SUB SEKTOR
1	AMAN	Makmur Berkah Amanda Tbk.	Property & Real Estate
2	APLN	Agung Podomoro Land Tbk.	Property & Real Estate
3	ASPI	Andalan Sakti Primaindo Tbk.	Property & Real Estate
4	ASRI	Alam Sutera Realty Tbk.	Property & Real Estate
5	ATAP	Trimitra Prawara Goldland Tbk.	Property & Real Estate
6	BAPA	Bekasi Asri Pemula Tbk.	Property & Real Estate
7	BAPI	Bhakti Agung Propertindo Tbk.	Property & Real Estate
8	BBSS	Bumi Benowo Sukses Sejahtera Tbk	Property & Real Estate
9	BCIP	Bumi Citra Permai Tbk.	Property & Real Estate
10	BEST	Bekasi Fajar Industrial Estate	Property & Real Estate
11	BIPP	Bhuwanatala Indah Permai Tbk.	Property & Real Estate
12	BKSL	Sentul City Tbk.	Property & Real Estate
13	BSDE	Bumi Serpong Damai Tbk.	Property & Real Estate
14	CITY	Natura City Developments Tbk.	Property & Real Estate
15	CSIS	Cahayasakti Investindo Sukses	Property & Real Estate
16	CTRA	Ciputra Development Tbk.	Property & Real Estate
17	DADA	Diamond Citra Propertindo Tbk.	Property & Real Estate
18	DART	Duta Anggada Realty Tbk.	Property & Real Estate
19	DILD	Intiland Development Tbk.	Property & Real Estate
20	DMAS	Puradelta Lestari Tbk.	Property & Real Estate
21	DUTI	Duta Pertiwi Tbk	Property & Real Estate
22	ELTY	Bakrieland Development Tbk.	Property & Real Estate
23	EMDE	Megapolitan Developments Tbk.	Property & Real Estate
24	FMII	Fortune Mate Indonesia Tbk	Property & Real Estate
25	GMTD	Gowa Makassar Tourism Development Tbk	Property & Real Estate
26	GPRA	Perdana Gapuraprima Tbk.	Property & Real Estate
27	HOMI	Grand House Mulia Tbk.	Property & Real Estate
28	INDO	Royalindo Investa Wijaya Tbk.	Property & Real Estate
29	INPP	Indonesian Paradise Property Tbk	Property & Real Estate
30	JRPT	Jaya Real Property Tbk.	Property & Real Estate
31	KBAG	Karya Bersama Anugerah Tbk.	Property & Real Estate
32	KIJA	Kawasan Industri Jababeka Tbk.	Property & Real Estate
33	LAND	Trimitra Propertindo Tbk.	Property & Real Estate
34	LPCK	Lippo Cikarang Tbk	Property & Real Estate
35	LPKR	Lippo Karawaci Tbk.	Property & Real Estate
36	LPLI	Star Pacific Tbk	Property & Real Estate

37	MDLN	Modernland Realty Tbk.	Property & Real Estate
38	MKPI	Metropolitan Kentjana Tbk.	Property & Real Estate
39	MMLP	Mega Manunggal Property Tbk.	Property & Real Estate
40	MPRO	Maha Properti Indonesia Tbk.	Property & Real Estate
41	MTLA	Metropolitan Land Tbk.	Property & Real Estate
42	MTSM	Metro Realty Tbk.	Property & Real Estate
43	NASA	Andalan Perkasa Abadi Tbk.	Property & Real Estate
44	NIRO	City Retail Developments Tbk.	Property & Real Estate
45	NZIA	Nusantara Almazia Tbk.	Property & Real Estate
46	OMRE	Indonesia Prima Property Tbk	Property & Real Estate
47	PAMG	Bima Sakti Pertiwi Tbk.	Property & Real Estate
48	PLIN	Plaza Indonesia Realty Tbk.	Property & Real Estate
49	POLL	Pollux Properties Indonesia Tbk	Property & Real Estate
50	PPRO	PP Properti Tbk.	Property & Real Estate
51	PUDP	Pudjadi Prestige Tbk.	Property & Real Estate
52	PURI	Puri Global Sukses Tbk.	Property & Real Estate
53	PWON	Pakuwon Jati Tbk.	Property & Real Estate
54	RBMS	Ristia Bintang Mahkotasejati Tbk	Property & Real Estate
55	RDTX	Roda Vivatex Tbk	Property & Real Estate
56	REAL	Repower Asia Indonesia Tbk.	Property & Real Estate
57	RISE	Jaya Sukses Makmur Sentosa Tbk	Property & Real Estate
58	ROCK	Rockfields Properti Indonesia	Property & Real Estate
59	RODA	Pikko Land Development Tbk.	Property & Real Estate
60	SATU	Kota Satu Properti Tbk.	Property & Real Estate
61	SMDM	Suryamas Dutamakmur Tbk.	Property & Real Estate
62	SMRA	Summarecon Agung Tbk.	Property & Real Estate
63	TARA	Agung Semesta Sejahtera Tbk.	Property & Real Estate
64	TRIN	Perintis Trinita Properti Tbk.	Property & Real Estate
65	TRUE	Trinita Dinamik Tbk.	Property & Real Estate
66	UANG	Pakuan Tbk.	Property & Real Estate
67	URBN	Urban Jakarta Propertindo Tbk.	Property & Real Estate

**Lampiran 3. Sampel Perusahaan dan Tabulasi Penelitian Variabel**

NO	TAHUN	KODE	Audit Report Lag	Laba Rugi Perusahaan	Pergantian Manajemen	Financial Distress	Reputasi Auditor
1	2020	AMAN	92	1	0	0,35	0
2	2020	APLN	114	1	1	1,68	0
3	2020	ASPI	130	0	0	0,42	0
4	2020	ASRI	95	0	0	1,26	0
5	2020	ATAP	60	1	0	0,37	0
6	2020	BAPA	125	0	0	0,06	0
7	2020	BAPI	145	0	1	0,46	0
8	2020	BBSS	148	0	0	0,02	0
9	2020	BCIP	134	1	0	1,04	0
10	2020	BEST	85	0	0	0,44	0
11	2020	BIPP	145	1	0	0,76	0
12	2020	BKSL	166	0	1	1,02	0
13	2020	BSDE	74	1	0	0,77	0
14	2020	CITY	119	1	1	0,09	0
15	2020	CSIS	120	0	0	0,56	0
16	2020	CTRA	103	1	1	1,25	1
17	2020	DADA	63	1	0	0,74	0
18	2020	DART	130	0	1	1,28	1
19	2020	DILD	119	1	1	1,60	0
20	2020	DMAS	41	1	0	0,22	0
21	2020	DUTI	80	1	1	0,11	0
22	2020	ELTY	306	0	0	0,40	0
23	2020	EMDE	120	0	1	3,48	0
24	2020	FMII	148	0	1	0,39	0
25	2020	GMTD	113	0	1	6,88	0
26	2020	GPRA	147	1	1	0,64	0
27	2020	HOMI	120	1	0	1,05	0
28	2020	INDO	102	1	1	0,00	0
29	2020	INPP	145	0	1	0,33	0
30	2020	JRPT	85	1	1	0,46	0
31	2020	KBAG	125	1	0	0,21	0
32	2020	KIJA	88	1	0	0,95	0
33	2020	LAND	89	0	0	0,55	0
34	2020	LPCK	125	0	1	0,48	0
35	2020	LPKR	130	0	1	1,20	0
36	2020	LPLI	117	0	1	0,27	0
37	2020	MDLN	148	0	0	2,52	0
38	2020	MKPI	77	1	1	0,36	0

39	2020	MMLP	214	0	1	0,17	1
40	2020	MPRO	207	1	0	0,29	0
41	2020	MTLA	96	1	1	0,46	1
42	2020	MTSM	85	0	0	0,62	0
43	2020	NASA	148	0	0	0,05	0
44	2020	NIRO	147	1	0	0,61	1
45	2020	NZIA	90	1	1	0,30	0
46	2020	OMRE	151	0	1	0,16	1
47	2020	PAMG	130	0	0	0,34	0
48	2020	PLIN	90	0	0	0,11	1
49	2020	POLL	239	1	1	3,74	0
50	2020	PPRO	50	1	1	3,09	0
51	2020	PUDP	117	0	0	0,64	0
52	2020	PURI	81	1	0	0,85	0
53	2020	PWON	98	1	0	0,50	1
54	2020	RBSM	118	0	0	0,36	0
55	2020	RDTX	118	1	0	0,09	0
56	2020	REAL	119	1	1	0,01	0
57	2020	RISE	75	0	1	0,29	0
58	2020	ROCK	237	0	0	0,39	0
59	2020	RODA	137	0	1	0,79	0
60	2020	SATU	62	0	1	2,02	0
61	2020	SMDM	67	1	1	0,21	0
62	2020	SMRA	90	1	1	1,74	1
63	2020	TARA	151	0	0	0,04	0
64	2020	TRIN	130	1	1	1,08	0
65	2020	TRUE	153	1	0	4,59	0
66	2020	UANG	119	0	1	1,80	0
67	2020	URBN	89	1	1	0,89	0
68	2021	AMAN	110	1	0	0,39	0
69	2021	APLN	95	0	0	1,81	0
70	2021	ASPI	130	0	0	0,44	0
71	2021	ASRI	88	1	0	1,30	0
72	2021	ATAP	87	1	0	0,18	0
73	2021	BAPA	108	0	1	0,05	0
74	2021	BAPI	117	0	1	0,52	0
75	2021	BBSS	82	0	0	0,02	0
76	2021	BCIP	115	1	0	0,99	0
77	2021	BEST	87	0	0	0,41	0
78	2021	BIPP	97	1	1	0,77	0
79	2021	BKSL	116	1	1	0,74	0

80	2021	BSDE	61	1	0	0,71	0
81	2021	CITY	90	1	0	0,09	0
82	2021	CSIS	88	0	0	0,50	0
83	2021	CTRA	104	1	0	1,10	1
84	2021	DADA	117	1	0	0,84	0
85	2021	DART	96	0	1	1,64	1
86	2021	DILD	116	0	1	1,73	0
87	2021	DMAS	55	1	0	0,14	0
88	2021	DUTI	77	1	1	0,18	0
89	2021	ELTY	241	0	0	0,43	0
90	2021	EMDE	111	1	1	1,20	0
91	2021	FMII	115	1	1	0,37	0
92	2021	GMTD	88	0	1	0,93	0
93	2021	GPRA	112	1	0	0,59	0
94	2021	HOMI	108	1	1	1,22	0
95	2021	INDO	82	1	1	0,00	0
96	2021	INPP	145	0	0	0,53	0
97	2021	JRPT	90	1	1	0,44	0
98	2021	KBAG	89	1	0	0,20	0
99	2021	KIJA	116	1	1	0,93	0
100	2021	LAND	110	0	1	0,60	0
101	2021	LPCK	82	1	1	0,43	0
102	2021	LPKR	89	0	1	13,16	0
103	2021	LPLI	116	1	0	0,01	0
104	2021	MDLN	112	0	0	0,71	0
105	2021	MKPI	95	1	1	0,37	0
106	2021	MMLP	148	1	1	0,15	1
107	2021	MPRO	150	0	1	0,30	0
108	2021	MTLA	90	1	1	0,45	1
109	2021	MTSM	84	0	0	0,64	0
110	2021	NASA	117	0	1	0,06	0
111	2021	NIRO	234	0	0	0,82	1
112	2021	NZIA	84	1	0	0,24	0
113	2021	OMRE	118	0	1	0,21	1
114	2021	PAMG	112	0	0	0,37	0
115	2021	PLIN	75	1	0	0,11	1
116	2021	POLL	201	0	1	4,11	0
117	2021	PPRO	60	1	1	3,69	0
118	2021	PUDP	98	0	0	0,63	0
119	2021	PURI	84	1	0	0,77	0
120	2021	PWON	90	1	0	0,51	1



121	2021	RBSM	84	0	0	0,39	0
122	2021	RDTX	111	1	0	0,09	0
123	2021	REAL	110	1	0	0,01	0
124	2021	RISE	104	1	1	0,17	0
125	2021	ROCK	173	0	1	0,37	0
126	2021	RODA	104	1	1	0,64	0
127	2021	SATU	90	0	1	2,75	0
128	2021	SMDM	74	1	1	0,19	0
129	2021	SMRA	83	1	0	1,32	1
130	2021	TARA	115	1	1	0,02	0
131	2021	TRIN	144	0	1	1,85	0
132	2021	TRUE	117	1	0	1,57	0
133	2021	UANG	118	0	1	24,36	0
134	2021	URBN	112	1	1	1,00	0
135	2022	AMAN	88	1	0	0,48	0
136	2022	APLN	95	1	0	1,30	0
137	2022	ASPI	86	0	0	0,30	0
138	2022	ASRI	95	1	0	1,10	0
139	2022	ATAP	86	1	0	0,45	0
140	2022	BAPA	90	0	0	0,12	0
141	2022	BAPI	219	0	0	0,55	0
142	2022	BBSS	87	0	0	0,02	0
143	2022	BCIP	90	1	1	0,91	0
144	2022	BEST	87	1	1	0,40	0
145	2022	BIPP	66	1	0	0,75	0
146	2022	BKSL	89	0	1	0,75	0
147	2022	BSDE	67	1	1	0,71	0
148	2022	CITY	87	0	0	0,09	0
149	2022	CSIS	88	0	1	0,54	0
150	2022	CTRA	89	1	1	1,00	1
151	2022	DADA	135	1	0	0,92	0
152	2022	DART	118	0	1	2,10	1
153	2022	DILD	88	1	0	1,63	0
154	2022	DMAS	58	1	1	0,16	0
155	2022	DUTI	82	1	0	0,23	0
156	2022	ELTY	249	0	1	0,37	0
157	2022	EMDE	89	0	1	1,30	0
158	2022	FMII	88	1	1	0,15	0
159	2022	GMTD	82	1	0	1,05	0
160	2022	GPRA	87	1	1	0,51	0
161	2022	HOMI	88	1	0	1,09	0

162	2022	INDO	88	1	1	0,00	0
163	2022	INPP	108	1	1	0,60	0
164	2022	JRPT	88	1	1	0,42	0
165	2022	KBAG	88	1	0	0,14	0
166	2022	KIJA	76	1	0	1,02	0
167	2022	LAND	119	0	1	0,57	0
168	2022	LPCK	84	1	1	0,40	0
169	2022	LPKR	89	0	0	1,61	0
170	2022	LPLI	88	1	1	0,01	0
171	2022	MDLN	89	1	0	2,20	0
172	2022	MKPI	89	1	1	0,27	0
173	2022	MMLP	89	1	1	0,23	1
174	2022	MPRO	102	0	1	0,30	0
175	2022	MTLA	90	1	1	0,42	1
176	2022	MTSM	88	0	0	0,71	0
177	2022	NASA	88	0	0	0,05	0
178	2022	NIRO	90	0	0	1,12	1
179	2022	NZIA	79	1	1	0,18	0
180	2022	OMRE	88	0	1	0,26	1
181	2022	PAMG	86	0	0	0,38	0
182	2022	PLIN	76	1	0	0,12	1
183	2022	POLL	89	1	1	1,85	0
184	2022	PPRO	66	1	1	3,79	0
185	2022	PUDP	89	1	0	0,12	0
186	2022	PURI	58	1	0	1,51	0
187	2022	PWON	86	1	0	0,48	1
188	2022	RBSM	79	0	1	0,38	0
189	2022	RDTX	86	1	0	0,14	0
190	2022	REAL	89	1	1	0,00	0
191	2022	RISE	88	1	1	0,18	0
192	2022	ROCK	89	1	1	0,35	0
193	2022	RODA	151	0	0	0,60	0
194	2022	SATU	102	0	1	1,26	0
195	2022	SMDM	83	1	0	0,16	0
196	2022	SMRA	79	1	0	1,42	1
197	2022	TARA	88	0	0	0,02	0
198	2022	TRIN	80	1	0	2,23	0
199	2022	TRUE	89	0	0	0,58	0
200	2022	UANG	118	0	1	6,88	0
201	2022	URBN	112	1	0	1,11	0

## Lampiran 4. Tabel Durbin Watson

Tabel Durbin-Watson (DW),  $\alpha = 5\%$

n	k=1		k=2		k=3		k=4		k=5	
	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU
6	0.6102	1.4002								
7	0.6996	1.3564	0.4672	1.8964						
8	0.7629	1.3324	0.5591	1.7771	0.3674	2.2866				
9	0.8243	1.3199	0.6291	1.6993	0.4548	2.1282	0.2957	2.5881		
10	0.8791	1.3197	0.6972	1.6413	0.5253	2.0163	0.3760	2.4137	0.2427	2.8217
11	0.9273	1.3241	0.7580	1.6044	0.5948	1.9280	0.4441	2.2833	0.3155	2.6446
12	0.9708	1.3314	0.8122	1.5794	0.6577	1.8640	0.5120	2.1766	0.3796	2.5061
13	1.0097	1.3404	0.8612	1.5621	0.7147	1.8159	0.5745	2.0943	0.4445	2.3897
14	1.0450	1.3503	0.9054	1.5507	0.7667	1.7788	0.6321	2.0296	0.5052	2.2959
15	1.0770	1.3605	0.9455	1.5432	0.8140	1.7501	0.6852	1.9774	0.5620	2.2198
16	1.1062	1.3709	0.9820	1.5386	0.8572	1.7277	0.7340	1.9351	0.6150	2.1567
17	1.1330	1.3812	1.0154	1.5361	0.8968	1.7101	0.7790	1.9005	0.6641	2.1041
18	1.1576	1.3913	1.0461	1.5353	0.9331	1.6961	0.8204	1.8719	0.7098	2.0600
19	1.1804	1.4012	1.0743	1.5355	0.9666	1.6851	0.8588	1.8482	0.7523	2.0226
20	1.2015	1.4107	1.1004	1.5367	0.9976	1.6763	0.8943	1.8283	0.7918	1.9908
21	1.2212	1.4200	1.1246	1.5385	1.0262	1.6694	0.9272	1.8116	0.8286	1.9635
22	1.2395	1.4289	1.1471	1.5408	1.0529	1.6640	0.9578	1.7974	0.8629	1.9400
23	1.2567	1.4375	1.1682	1.5435	1.0778	1.6597	0.9864	1.7855	0.8949	1.9196
24	1.2728	1.4458	1.1878	1.5464	1.1010	1.6565	1.0131	1.7753	0.9249	1.9018
25	1.2879	1.4537	1.2063	1.5495	1.1228	1.6540	1.0381	1.7666	0.9530	1.8863
26	1.3022	1.4614	1.2236	1.5528	1.1432	1.6523	1.0616	1.7591	0.9794	1.8727
27	1.3157	1.4688	1.2399	1.5562	1.1624	1.6510	1.0836	1.7527	1.0042	1.8608
28	1.3284	1.4759	1.2553	1.5596	1.1805	1.6503	1.1044	1.7473	1.0276	1.8502
29	1.3405	1.4828	1.2699	1.5631	1.1976	1.6499	1.1241	1.7426	1.0497	1.8409
30	1.3520	1.4894	1.2837	1.5666	1.2138	1.6498	1.1426	1.7386	1.0706	1.8326
31	1.3630	1.4957	1.2969	1.5701	1.2292	1.6500	1.1602	1.7352	1.0904	1.8252
32	1.3734	1.5019	1.3093	1.5736	1.2437	1.6505	1.1769	1.7323	1.1092	1.8187
33	1.3834	1.5078	1.3212	1.5770	1.2576	1.6511	1.1927	1.7298	1.1270	1.8128
34	1.3929	1.5136	1.3325	1.5805	1.2707	1.6519	1.2078	1.7277	1.1439	1.8076
35	1.4019	1.5191	1.3433	1.5838	1.2833	1.6528	1.2221	1.7259	1.1601	1.8029
36	1.4107	1.5245	1.3537	1.5872	1.2953	1.6539	1.2358	1.7245	1.1755	1.7987
37	1.4190	1.5297	1.3635	1.5904	1.3068	1.6550	1.2489	1.7233	1.1901	1.7950
38	1.4270	1.5348	1.3730	1.5937	1.3177	1.6563	1.2614	1.7223	1.2042	1.7916
39	1.4347	1.5396	1.3821	1.5969	1.3283	1.6575	1.2734	1.7215	1.2176	1.7886
40	1.4421	1.5444	1.3908	1.6000	1.3384	1.6589	1.2848	1.7209	1.2305	1.7859
41	1.4493	1.5490	1.3992	1.6031	1.3480	1.6603	1.2958	1.7205	1.2428	1.7835
42	1.4562	1.5534	1.4073	1.6061	1.3573	1.6617	1.3064	1.7202	1.2546	1.7814
43	1.4628	1.5577	1.4151	1.6091	1.3663	1.6632	1.3166	1.7200	1.2660	1.7794
44	1.4692	1.5619	1.4226	1.6120	1.3749	1.6647	1.3263	1.7200	1.2769	1.7777
45	1.4754	1.5660	1.4298	1.6148	1.3832	1.6662	1.3357	1.7200	1.2874	1.7762
46	1.4814	1.5700	1.4368	1.6176	1.3912	1.6677	1.3448	1.7201	1.2976	1.7748
47	1.4872	1.5739	1.4435	1.6204	1.3989	1.6692	1.3535	1.7203	1.3073	1.7736
48	1.4928	1.5776	1.4500	1.6231	1.4064	1.6708	1.3619	1.7206	1.3167	1.7725
49	1.4982	1.5813	1.4564	1.6257	1.4136	1.6723	1.3701	1.7210	1.3258	1.7716
50	1.5035	1.5849	1.4625	1.6283	1.4206	1.6739	1.3779	1.7214	1.3346	1.7708
51	1.5086	1.5884	1.4684	1.6309	1.4273	1.6754	1.3855	1.7218	1.3431	1.7701
52	1.5135	1.5917	1.4741	1.6334	1.4339	1.6769	1.3929	1.7223	1.3512	1.7694
53	1.5183	1.5951	1.4797	1.6359	1.4402	1.6785	1.4000	1.7228	1.3592	1.7689
54	1.5230	1.5983	1.4851	1.6383	1.4464	1.6800	1.4069	1.7234	1.3669	1.7684
55	1.5276	1.6014	1.4903	1.6406	1.4523	1.6815	1.4136	1.7240	1.3743	1.7681
56	1.5320	1.6045	1.4954	1.6430	1.4581	1.6830	1.4201	1.7246	1.3815	1.7678
57	1.5363	1.6075	1.5004	1.6452	1.4637	1.6845	1.4264	1.7253	1.3885	1.7675
58	1.5405	1.6105	1.5052	1.6475	1.4692	1.6860	1.4325	1.7259	1.3953	1.7673
59	1.5446	1.6134	1.5099	1.6497	1.4745	1.6875	1.4385	1.7266	1.4019	1.7672
60	1.5485	1.6162	1.5144	1.6518	1.4797	1.6889	1.4443	1.7274	1.4083	1.7671
61	1.5524	1.6189	1.5189	1.6540	1.4847	1.6904	1.4499	1.7281	1.4146	1.7671
62	1.5562	1.6216	1.5232	1.6561	1.4896	1.6918	1.4554	1.7288	1.4206	1.7671
63	1.5599	1.6243	1.5274	1.6581	1.4943	1.6932	1.4607	1.7296	1.4265	1.7671
64	1.5635	1.6268	1.5315	1.6601	1.4990	1.6946	1.4659	1.7303	1.4322	1.7672
65	1.5670	1.6294	1.5355	1.6621	1.5035	1.6960	1.4709	1.7311	1.4378	1.7673
66	1.5704	1.6318	1.5395	1.6640	1.5079	1.6974	1.4758	1.7319	1.4433	1.7675
67	1.5738	1.6343	1.5433	1.6660	1.5122	1.6988	1.4806	1.7327	1.4486	1.7676
68	1.5771	1.6367	1.5470	1.6678	1.5164	1.7001	1.4853	1.7335	1.4537	1.7678
69	1.5803	1.6390	1.5507	1.6697	1.5205	1.7015	1.4899	1.7343	1.4588	1.7680
70	1.5834	1.6413	1.5542	1.6715	1.5245	1.7028	1.4943	1.7351	1.4637	1.7683

Tabel Durbin-Watson (DW),  $\alpha = 5\%$ 

n	k=1		k=2		k=3		k=4		k=5	
	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU
71	1.5865	1.6435	1.5577	1.6733	1.5284	1.7041	1.4987	1.7358	1.4685	1.7685
72	1.5895	1.6457	1.5611	1.6751	1.5323	1.7054	1.5029	1.7366	1.4732	1.7688
73	1.5924	1.6479	1.5645	1.6768	1.5360	1.7067	1.5071	1.7375	1.4778	1.7691
74	1.5953	1.6500	1.5677	1.6785	1.5397	1.7079	1.5112	1.7383	1.4822	1.7694
75	1.5981	1.6521	1.5709	1.6802	1.5432	1.7092	1.5151	1.7390	1.4866	1.7698
76	1.6009	1.6541	1.5740	1.6819	1.5467	1.7104	1.5190	1.7399	1.4909	1.7701
77	1.6036	1.6561	1.5771	1.6835	1.5502	1.7117	1.5228	1.7407	1.4950	1.7704
78	1.6063	1.6581	1.5801	1.6851	1.5535	1.7129	1.5265	1.7415	1.4991	1.7708
79	1.6089	1.6601	1.5830	1.6867	1.5568	1.7141	1.5302	1.7423	1.5031	1.7712
80	1.6114	1.6620	1.5859	1.6882	1.5600	1.7153	1.5337	1.7430	1.5070	1.7716
81	1.6139	1.6639	1.5888	1.6898	1.5632	1.7164	1.5372	1.7438	1.5109	1.7720
82	1.6164	1.6657	1.5915	1.6913	1.5663	1.7176	1.5406	1.7446	1.5146	1.7724
83	1.6188	1.6675	1.5942	1.6928	1.5693	1.7187	1.5440	1.7454	1.5183	1.7728
84	1.6212	1.6693	1.5969	1.6942	1.5723	1.7199	1.5472	1.7462	1.5219	1.7732
85	1.6235	1.6711	1.5995	1.6957	1.5752	1.7210	1.5505	1.7470	1.5254	1.7736
86	1.6258	1.6728	1.6021	1.6971	1.5780	1.7221	1.5536	1.7478	1.5289	1.7740
87	1.6280	1.6745	1.6046	1.6985	1.5808	1.7232	1.5567	1.7485	1.5322	1.7745
88	1.6302	1.6762	1.6071	1.6999	1.5836	1.7243	1.5597	1.7493	1.5356	1.7749
89	1.6324	1.6778	1.6095	1.7013	1.5863	1.7254	1.5627	1.7501	1.5388	1.7754
90	1.6345	1.6794	1.6119	1.7026	1.5889	1.7264	1.5656	1.7508	1.5420	1.7758
91	1.6366	1.6810	1.6143	1.7040	1.5915	1.7275	1.5685	1.7516	1.5452	1.7763
92	1.6387	1.6826	1.6166	1.7053	1.5941	1.7285	1.5713	1.7523	1.5482	1.7767
93	1.6407	1.6841	1.6188	1.7066	1.5966	1.7295	1.5741	1.7531	1.5513	1.7772
94	1.6427	1.6857	1.6211	1.7078	1.5991	1.7306	1.5768	1.7538	1.5542	1.7776
95	1.6447	1.6872	1.6233	1.7091	1.6015	1.7316	1.5795	1.7546	1.5572	1.7781
96	1.6466	1.6887	1.6254	1.7103	1.6039	1.7326	1.5821	1.7553	1.5600	1.7785
97	1.6485	1.6901	1.6275	1.7116	1.6063	1.7335	1.5847	1.7560	1.5628	1.7790
98	1.6504	1.6916	1.6296	1.7128	1.6086	1.7345	1.5872	1.7567	1.5656	1.7795
99	1.6522	1.6930	1.6317	1.7140	1.6108	1.7355	1.5897	1.7575	1.5683	1.7799
100	1.6540	1.6944	1.6337	1.7152	1.6131	1.7364	1.5922	1.7582	1.5710	1.7804
101	1.6558	1.6958	1.6357	1.7163	1.6153	1.7374	1.5946	1.7589	1.5736	1.7809
102	1.6576	1.6971	1.6376	1.7175	1.6174	1.7383	1.5969	1.7596	1.5762	1.7813
103	1.6593	1.6985	1.6396	1.7186	1.6196	1.7392	1.5993	1.7603	1.5788	1.7818
104	1.6610	1.6998	1.6415	1.7198	1.6217	1.7402	1.6016	1.7610	1.5813	1.7823
105	1.6627	1.7011	1.6433	1.7209	1.6237	1.7411	1.6038	1.7617	1.5837	1.7827
106	1.6644	1.7024	1.6452	1.7220	1.6258	1.7420	1.6061	1.7624	1.5861	1.7832
107	1.6660	1.7037	1.6470	1.7231	1.6277	1.7428	1.6083	1.7631	1.5885	1.7837
108	1.6676	1.7050	1.6488	1.7241	1.6297	1.7437	1.6104	1.7637	1.5909	1.7841
109	1.6692	1.7062	1.6505	1.7252	1.6317	1.7446	1.6125	1.7644	1.5932	1.7846
110	1.6708	1.7074	1.6523	1.7262	1.6336	1.7455	1.6146	1.7651	1.5955	1.7851
111	1.6723	1.7086	1.6540	1.7273	1.6355	1.7463	1.6167	1.7657	1.5977	1.7855
112	1.6738	1.7098	1.6557	1.7283	1.6373	1.7472	1.6187	1.7664	1.5999	1.7860
113	1.6753	1.7110	1.6574	1.7293	1.6391	1.7480	1.6207	1.7670	1.6021	1.7864
114	1.6768	1.7122	1.6590	1.7303	1.6410	1.7488	1.6227	1.7677	1.6042	1.7869
115	1.6783	1.7133	1.6606	1.7313	1.6427	1.7496	1.6246	1.7683	1.6063	1.7874
116	1.6797	1.7145	1.6622	1.7323	1.6445	1.7504	1.6265	1.7690	1.6084	1.7878
117	1.6812	1.7156	1.6638	1.7332	1.6462	1.7512	1.6284	1.7696	1.6105	1.7883
118	1.6826	1.7167	1.6653	1.7342	1.6479	1.7520	1.6303	1.7702	1.6125	1.7887
119	1.6839	1.7178	1.6669	1.7352	1.6496	1.7528	1.6321	1.7709	1.6145	1.7892
120	1.6853	1.7189	1.6684	1.7361	1.6513	1.7536	1.6339	1.7715	1.6164	1.7896
121	1.6867	1.7200	1.6699	1.7370	1.6529	1.7544	1.6357	1.7721	1.6184	1.7901
122	1.6880	1.7210	1.6714	1.7379	1.6545	1.7552	1.6375	1.7727	1.6203	1.7905
123	1.6893	1.7221	1.6728	1.7388	1.6561	1.7559	1.6392	1.7733	1.6222	1.7910
124	1.6906	1.7231	1.6743	1.7397	1.6577	1.7567	1.6409	1.7739	1.6240	1.7914
125	1.6919	1.7241	1.6757	1.7406	1.6592	1.7574	1.6426	1.7745	1.6258	1.7919
126	1.6932	1.7252	1.6771	1.7415	1.6608	1.7582	1.6443	1.7751	1.6276	1.7923
127	1.6944	1.7261	1.6785	1.7424	1.6623	1.7589	1.6460	1.7757	1.6294	1.7928
128	1.6957	1.7271	1.6798	1.7432	1.6638	1.7596	1.6476	1.7763	1.6312	1.7932
129	1.6969	1.7281	1.6812	1.7441	1.6653	1.7603	1.6492	1.7769	1.6329	1.7937
130	1.6981	1.7291	1.6825	1.7449	1.6667	1.7610	1.6508	1.7774	1.6346	1.7941
131	1.6993	1.7301	1.6838	1.7458	1.6682	1.7617	1.6523	1.7780	1.6363	1.7945
132	1.7005	1.7310	1.6851	1.7466	1.6696	1.7624	1.6539	1.7786	1.6380	1.7950
133	1.7017	1.7319	1.6864	1.7474	1.6710	1.7631	1.6554	1.7791	1.6397	1.7954
134	1.7028	1.7329	1.6877	1.7482	1.6724	1.7638	1.6569	1.7797	1.6413	1.7958
135	1.7040	1.7338	1.6889	1.7490	1.6738	1.7645	1.6584	1.7802	1.6429	1.7962
136	1.7051	1.7347	1.6902	1.7498	1.6751	1.7652	1.6599	1.7808	1.6445	1.7967

Tabel Durbin-Watson (DW),  $\alpha = 5\%$ 

n	k=1		k=2		k=3		k=4		k=5	
	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU
137	1.7062	1.7356	1.6914	1.7506	1.6765	1.7659	1.6613	1.7813	1.6461	1.7971
138	1.7073	1.7365	1.6926	1.7514	1.6778	1.7665	1.6628	1.7819	1.6476	1.7975
139	1.7084	1.7374	1.6938	1.7521	1.6791	1.7672	1.6642	1.7824	1.6491	1.7979
140	1.7095	1.7382	1.6950	1.7529	1.6804	1.7678	1.6656	1.7830	1.6507	1.7984
141	1.7106	1.7391	1.6962	1.7537	1.6817	1.7685	1.6670	1.7835	1.6522	1.7988
142	1.7116	1.7400	1.6974	1.7544	1.6829	1.7691	1.6684	1.7840	1.6536	1.7992
143	1.7127	1.7408	1.6985	1.7552	1.6842	1.7697	1.6697	1.7846	1.6551	1.7996
144	1.7137	1.7417	1.6996	1.7559	1.6854	1.7704	1.6710	1.7851	1.6565	1.8000
145	1.7147	1.7425	1.7008	1.7566	1.6866	1.7710	1.6724	1.7856	1.6580	1.8004
146	1.7157	1.7433	1.7019	1.7574	1.6878	1.7716	1.6737	1.7861	1.6594	1.8008
147	1.7167	1.7441	1.7030	1.7581	1.6890	1.7722	1.6750	1.7866	1.6608	1.8012
148	1.7177	1.7449	1.7041	1.7588	1.6902	1.7729	1.6762	1.7871	1.6622	1.8016
149	1.7187	1.7457	1.7051	1.7595	1.6914	1.7735	1.6775	1.7876	1.6635	1.8020
150	1.7197	1.7465	1.7062	1.7602	1.6926	1.7741	1.6788	1.7881	1.6649	1.8024
151	1.7207	1.7473	1.7072	1.7609	1.6937	1.7747	1.6800	1.7886	1.6662	1.8028
152	1.7216	1.7481	1.7083	1.7616	1.6948	1.7752	1.6812	1.7891	1.6675	1.8032
153	1.7226	1.7488	1.7093	1.7622	1.6959	1.7758	1.6824	1.7896	1.6688	1.8036
154	1.7235	1.7496	1.7103	1.7629	1.6971	1.7764	1.6836	1.7901	1.6701	1.8040
155	1.7244	1.7504	1.7114	1.7636	1.6982	1.7770	1.6848	1.7906	1.6714	1.8044
156	1.7253	1.7511	1.7123	1.7642	1.6992	1.7776	1.6860	1.7911	1.6727	1.8048
157	1.7262	1.7519	1.7133	1.7649	1.7003	1.7781	1.6872	1.7915	1.6739	1.8052
158	1.7271	1.7526	1.7143	1.7656	1.7014	1.7787	1.6883	1.7920	1.6751	1.8055
159	1.7280	1.7533	1.7153	1.7662	1.7024	1.7792	1.6895	1.7925	1.6764	1.8059
160	1.7289	1.7541	1.7163	1.7668	1.7035	1.7798	1.6906	1.7930	1.6776	1.8063
161	1.7298	1.7548	1.7172	1.7675	1.7045	1.7804	1.6917	1.7934	1.6788	1.8067
162	1.7306	1.7555	1.7182	1.7681	1.7055	1.7809	1.6928	1.7939	1.6800	1.8070
163	1.7315	1.7562	1.7191	1.7687	1.7066	1.7814	1.6939	1.7943	1.6811	1.8074
164	1.7324	1.7569	1.7200	1.7693	1.7075	1.7820	1.6950	1.7948	1.6823	1.8078
165	1.7332	1.7576	1.7209	1.7700	1.7085	1.7825	1.6960	1.7953	1.6834	1.8082
166	1.7340	1.7582	1.7218	1.7706	1.7095	1.7831	1.6971	1.7957	1.6846	1.8085
167	1.7348	1.7589	1.7227	1.7712	1.7105	1.7836	1.6982	1.7961	1.6857	1.8089
168	1.7357	1.7596	1.7236	1.7718	1.7115	1.7841	1.6992	1.7966	1.6868	1.8092
169	1.7365	1.7603	1.7245	1.7724	1.7124	1.7846	1.7002	1.7970	1.6879	1.8096
170	1.7373	1.7609	1.7254	1.7730	1.7134	1.7851	1.7012	1.7975	1.6890	1.8100
171	1.7381	1.7616	1.7262	1.7735	1.7143	1.7856	1.7023	1.7979	1.6901	1.8103
172	1.7389	1.7622	1.7271	1.7741	1.7152	1.7861	1.7033	1.7983	1.6912	1.8107
173	1.7396	1.7629	1.7279	1.7747	1.7162	1.7866	1.7042	1.7988	1.6922	1.8110
174	1.7404	1.7635	1.7288	1.7753	1.7171	1.7872	1.7052	1.7992	1.6933	1.8114
175	1.7412	1.7642	1.7296	1.7758	1.7180	1.7877	1.7062	1.7996	1.6943	1.8117
176	1.7420	1.7648	1.7305	1.7764	1.7189	1.7881	1.7072	1.8000	1.6954	1.8121
177	1.7427	1.7654	1.7313	1.7769	1.7197	1.7886	1.7081	1.8005	1.6964	1.8124
178	1.7435	1.7660	1.7321	1.7775	1.7206	1.7891	1.7091	1.8009	1.6974	1.8128
179	1.7442	1.7667	1.7329	1.7780	1.7215	1.7896	1.7100	1.8013	1.6984	1.8131
180	1.7449	1.7673	1.7337	1.7786	1.7224	1.7901	1.7109	1.8017	1.6994	1.8135
181	1.7457	1.7679	1.7345	1.7791	1.7232	1.7906	1.7118	1.8021	1.7004	1.8138
182	1.7464	1.7685	1.7353	1.7797	1.7241	1.7910	1.7128	1.8025	1.7014	1.8141
183	1.7471	1.7691	1.7360	1.7802	1.7249	1.7915	1.7137	1.8029	1.7023	1.8145
184	1.7478	1.7697	1.7368	1.7807	1.7257	1.7920	1.7146	1.8033	1.7033	1.8148
185	1.7485	1.7702	1.7376	1.7813	1.7266	1.7924	1.7155	1.8037	1.7042	1.8151
186	1.7492	1.7708	1.7384	1.7818	1.7274	1.7929	1.7163	1.8041	1.7052	1.8155
187	1.7499	1.7714	1.7391	1.7823	1.7282	1.7933	1.7172	1.8045	1.7061	1.8158
188	1.7506	1.7720	1.7398	1.7828	1.7290	1.7938	1.7181	1.8049	1.7070	1.8161
189	1.7513	1.7725	1.7406	1.7833	1.7298	1.7942	1.7189	1.8053	1.7080	1.8165
190	1.7520	1.7731	1.7413	1.7838	1.7306	1.7947	1.7198	1.8057	1.7089	1.8168
191	1.7526	1.7737	1.7420	1.7843	1.7314	1.7951	1.7206	1.8061	1.7098	1.8171
192	1.7533	1.7742	1.7428	1.7848	1.7322	1.7956	1.7215	1.8064	1.7107	1.8174
193	1.7540	1.7748	1.7435	1.7853	1.7329	1.7960	1.7223	1.8068	1.7116	1.8178
194	1.7546	1.7753	1.7442	1.7858	1.7337	1.7965	1.7231	1.8072	1.7124	1.8181
195	1.7553	1.7759	1.7449	1.7863	1.7345	1.7969	1.7239	1.8076	1.7133	1.8184
196	1.7559	1.7764	1.7456	1.7868	1.7352	1.7973	1.7247	1.8079	1.7142	1.8187
197	1.7566	1.7769	1.7463	1.7873	1.7360	1.7977	1.7255	1.8083	1.7150	1.8190
198	1.7572	1.7775	1.7470	1.7878	1.7367	1.7982	1.7263	1.8087	1.7159	1.8193
199	1.7578	1.7780	1.7477	1.7882	1.7374	1.7986	1.7271	1.8091	1.7167	1.8196
200	1.7584	1.7785	1.7483	1.7887	1.7382	1.7990	1.7279	1.8094	1.7176	1.8199

## Lampiran 5. Tabel Distubusi F atau F Tabel

Titik Persentase Distribusi F untuk Probabilita = 0,05

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	161	199	216	225	230	234	237	239	241	242	243	244	245	245	246
2	18.51	19.00	19.16	19.25	19.30	19.33	19.35	19.37	19.38	19.40	19.40	19.41	19.42	19.42	19.43
3	10.13	9.55	9.28	9.12	9.01	8.94	8.89	8.85	8.81	8.79	8.76	8.74	8.73	8.71	8.70
4	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.04	6.00	5.96	5.94	5.91	5.89	5.87	5.86
5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77	4.74	4.70	4.68	4.66	4.64	4.62
6	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.10	4.06	4.03	4.00	3.98	3.96	3.94
7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68	3.64	3.60	3.57	3.55	3.53	3.51
8	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.44	3.39	3.35	3.31	3.28	3.26	3.24	3.22
9	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18	3.14	3.10	3.07	3.05	3.03	3.01
10	4.96	4.10	3.71	3.48	3.33	3.22	3.14	3.07	3.02	2.98	2.94	2.91	2.89	2.86	2.85
11	4.84	3.98	3.59	3.36	3.20	3.09	3.01	2.95	2.90	2.85	2.82	2.79	2.76	2.74	2.72
12	4.75	3.89	3.49	3.26	3.11	3.00	2.91	2.85	2.80	2.75	2.72	2.69	2.66	2.64	2.62
13	4.67	3.81	3.41	3.18	3.03	2.92	2.83	2.77	2.71	2.67	2.63	2.60	2.58	2.55	2.53
14	4.60	3.74	3.34	3.11	2.96	2.85	2.76	2.70	2.65	2.60	2.57	2.53	2.51	2.48	2.46
15	4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.64	2.59	2.54	2.51	2.48	2.45	2.42	2.40
16	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54	2.49	2.46	2.42	2.40	2.37	2.35
17	4.45	3.59	3.20	2.96	2.81	2.70	2.61	2.55	2.49	2.45	2.41	2.38	2.35	2.33	2.31
18	4.41	3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46	2.41	2.37	2.34	2.31	2.29	2.27
19	4.38	3.52	3.13	2.90	2.74	2.63	2.54	2.48	2.42	2.38	2.34	2.31	2.28	2.26	2.23
20	4.35	3.49	3.10	2.87	2.71	2.60	2.51	2.45	2.39	2.35	2.31	2.28	2.25	2.22	2.20
21	4.32	3.47	3.07	2.84	2.68	2.57	2.49	2.42	2.37	2.32	2.28	2.25	2.22	2.20	2.18
22	4.30	3.44	3.05	2.82	2.66	2.55	2.46	2.40	2.34	2.30	2.26	2.23	2.20	2.17	2.15
23	4.28	3.42	3.03	2.80	2.64	2.53	2.44	2.37	2.32	2.27	2.24	2.20	2.18	2.15	2.13
24	4.26	3.40	3.01	2.78	2.62	2.51	2.42	2.36	2.30	2.25	2.22	2.18	2.15	2.13	2.11
25	4.24	3.39	2.99	2.76	2.60	2.49	2.40	2.34	2.28	2.24	2.20	2.16	2.14	2.11	2.09
26	4.23	3.37	2.98	2.74	2.59	2.47	2.39	2.32	2.27	2.22	2.18	2.15	2.12	2.09	2.07
27	4.21	3.35	2.96	2.73	2.57	2.46	2.37	2.31	2.25	2.20	2.17	2.13	2.10	2.08	2.06
28	4.20	3.34	2.95	2.71	2.56	2.45	2.36	2.29	2.24	2.19	2.15	2.12	2.09	2.06	2.04
29	4.18	3.33	2.93	2.70	2.55	2.43	2.35	2.28	2.22	2.18	2.14	2.10	2.08	2.05	2.03
30	4.17	3.32	2.92	2.69	2.53	2.42	2.33	2.27	2.21	2.16	2.13	2.09	2.06	2.04	2.01
31	4.16	3.30	2.91	2.68	2.52	2.41	2.32	2.25	2.20	2.15	2.11	2.08	2.05	2.03	2.00
32	4.15	3.29	2.90	2.67	2.51	2.40	2.31	2.24	2.19	2.14	2.10	2.07	2.04	2.01	1.99
33	4.14	3.28	2.89	2.66	2.50	2.39	2.30	2.23	2.18	2.13	2.09	2.06	2.03	2.00	1.98
34	4.13	3.28	2.88	2.65	2.49	2.38	2.29	2.23	2.17	2.12	2.08	2.05	2.02	1.99	1.97
35	4.12	3.27	2.87	2.64	2.49	2.37	2.29	2.22	2.16	2.11	2.07	2.04	2.01	1.99	1.96
36	4.11	3.26	2.87	2.63	2.48	2.36	2.28	2.21	2.15	2.11	2.07	2.03	2.00	1.98	1.95
37	4.11	3.25	2.86	2.63	2.47	2.36	2.27	2.20	2.14	2.10	2.06	2.02	2.00	1.97	1.95
38	4.10	3.24	2.85	2.62	2.46	2.35	2.26	2.19	2.14	2.09	2.05	2.02	1.99	1.96	1.94
39	4.09	3.24	2.85	2.61	2.46	2.34	2.26	2.19	2.13	2.08	2.04	2.01	1.98	1.95	1.93
40	4.08	3.23	2.84	2.61	2.45	2.34	2.25	2.18	2.12	2.08	2.04	2.00	1.97	1.95	1.92
41	4.08	3.23	2.83	2.60	2.44	2.33	2.24	2.17	2.12	2.07	2.03	2.00	1.97	1.94	1.92
42	4.07	3.22	2.83	2.59	2.44	2.32	2.24	2.17	2.11	2.06	2.03	1.99	1.96	1.94	1.91
43	4.07	3.21	2.82	2.59	2.43	2.32	2.23	2.16	2.11	2.06	2.02	1.99	1.96	1.93	1.91
44	4.06	3.21	2.82	2.58	2.43	2.31	2.23	2.16	2.10	2.05	2.01	1.98	1.95	1.92	1.90
45	4.06	3.20	2.81	2.58	2.42	2.31	2.22	2.15	2.10	2.05	2.01	1.97	1.94	1.92	1.89



**Titik Persentase Distribusi F untuk Probabilita = 0,05**

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
46	4.05	3.20	2.81	2.57	2.42	2.30	2.22	2.15	2.09	2.04	2.00	1.97	1.94	1.91	1.89
47	4.05	3.20	2.80	2.57	2.41	2.30	2.21	2.14	2.09	2.04	2.00	1.96	1.93	1.91	1.88
48	4.04	3.19	2.80	2.57	2.41	2.29	2.21	2.14	2.08	2.03	1.99	1.96	1.93	1.90	1.88
49	4.04	3.19	2.79	2.56	2.40	2.29	2.20	2.13	2.08	2.03	1.99	1.96	1.93	1.90	1.88
50	4.03	3.18	2.79	2.56	2.40	2.29	2.20	2.13	2.07	2.03	1.99	1.95	1.92	1.89	1.87
51	4.03	3.18	2.79	2.55	2.40	2.28	2.20	2.13	2.07	2.02	1.98	1.95	1.92	1.89	1.87
52	4.03	3.18	2.78	2.55	2.39	2.28	2.19	2.12	2.07	2.02	1.98	1.94	1.91	1.89	1.86
53	4.02	3.17	2.78	2.55	2.39	2.28	2.19	2.12	2.06	2.01	1.97	1.94	1.91	1.88	1.86
54	4.02	3.17	2.78	2.54	2.39	2.27	2.18	2.12	2.06	2.01	1.97	1.94	1.91	1.88	1.86
55	4.02	3.16	2.77	2.54	2.38	2.27	2.18	2.11	2.06	2.01	1.97	1.93	1.90	1.88	1.85
56	4.01	3.16	2.77	2.54	2.38	2.27	2.18	2.11	2.05	2.00	1.96	1.93	1.90	1.87	1.85
57	4.01	3.16	2.77	2.53	2.38	2.26	2.18	2.11	2.05	2.00	1.96	1.93	1.90	1.87	1.85
58	4.01	3.16	2.76	2.53	2.37	2.26	2.17	2.10	2.05	2.00	1.96	1.92	1.89	1.87	1.84
59	4.00	3.15	2.76	2.53	2.37	2.26	2.17	2.10	2.04	2.00	1.96	1.92	1.89	1.86	1.84
60	4.00	3.15	2.76	2.53	2.37	2.25	2.17	2.10	2.04	1.99	1.95	1.92	1.89	1.86	1.84
61	4.00	3.15	2.76	2.52	2.37	2.25	2.16	2.09	2.04	1.99	1.95	1.91	1.88	1.86	1.83
62	4.00	3.15	2.75	2.52	2.36	2.25	2.16	2.09	2.03	1.99	1.95	1.91	1.88	1.85	1.83
63	3.99	3.14	2.75	2.52	2.36	2.25	2.16	2.09	2.03	1.98	1.94	1.91	1.88	1.85	1.83
64	3.99	3.14	2.75	2.52	2.36	2.24	2.16	2.09	2.03	1.98	1.94	1.91	1.88	1.85	1.83
65	3.99	3.14	2.75	2.51	2.36	2.24	2.15	2.08	2.03	1.98	1.94	1.90	1.87	1.85	1.82
66	3.99	3.14	2.74	2.51	2.35	2.24	2.15	2.08	2.03	1.98	1.94	1.90	1.87	1.84	1.82
67	3.98	3.13	2.74	2.51	2.35	2.24	2.15	2.08	2.02	1.98	1.93	1.90	1.87	1.84	1.82
68	3.98	3.13	2.74	2.51	2.35	2.24	2.15	2.08	2.02	1.97	1.93	1.90	1.87	1.84	1.82
69	3.98	3.13	2.74	2.50	2.35	2.23	2.15	2.08	2.02	1.97	1.93	1.90	1.86	1.84	1.81
70	3.98	3.13	2.74	2.50	2.35	2.23	2.14	2.07	2.02	1.97	1.93	1.89	1.86	1.84	1.81
71	3.98	3.13	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.97	1.93	1.89	1.86	1.83	1.81
72	3.97	3.12	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.96	1.92	1.89	1.86	1.83	1.81
73	3.97	3.12	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.96	1.92	1.89	1.86	1.83	1.81
74	3.97	3.12	2.73	2.50	2.34	2.22	2.14	2.07	2.01	1.96	1.92	1.89	1.85	1.83	1.80
75	3.97	3.12	2.73	2.49	2.34	2.22	2.13	2.06	2.01	1.96	1.92	1.88	1.85	1.83	1.80
76	3.97	3.12	2.72	2.49	2.33	2.22	2.13	2.06	2.01	1.96	1.92	1.88	1.85	1.82	1.80
77	3.97	3.12	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.96	1.92	1.88	1.85	1.82	1.80
78	3.96	3.11	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.95	1.91	1.88	1.85	1.82	1.80
79	3.96	3.11	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.95	1.91	1.88	1.85	1.82	1.79
80	3.96	3.11	2.72	2.49	2.33	2.21	2.13	2.06	2.00	1.95	1.91	1.88	1.84	1.82	1.79
81	3.96	3.11	2.72	2.48	2.33	2.21	2.12	2.05	2.00	1.95	1.91	1.87	1.84	1.82	1.79
82	3.96	3.11	2.72	2.48	2.33	2.21	2.12	2.05	2.00	1.95	1.91	1.87	1.84	1.81	1.79
83	3.96	3.11	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.95	1.91	1.87	1.84	1.81	1.79
84	3.95	3.11	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.95	1.90	1.87	1.84	1.81	1.79
85	3.95	3.10	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.94	1.90	1.87	1.84	1.81	1.79
86	3.95	3.10	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.94	1.90	1.87	1.84	1.81	1.78
87	3.95	3.10	2.71	2.48	2.32	2.20	2.12	2.05	1.99	1.94	1.90	1.87	1.83	1.81	1.78
88	3.95	3.10	2.71	2.48	2.32	2.20	2.12	2.05	1.99	1.94	1.90	1.86	1.83	1.81	1.78
89	3.95	3.10	2.71	2.47	2.32	2.20	2.11	2.04	1.99	1.94	1.90	1.86	1.83	1.80	1.78
90	3.95	3.10	2.71	2.47	2.32	2.20	2.11	2.04	1.99	1.94	1.90	1.86	1.83	1.80	1.78

## Titik Persentase Distribusi F untuk Probabilita = 0,05

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
91	3.95	3.10	2.70	2.47	2.31	2.20	2.11	2.04	1.98	1.94	1.90	1.86	1.83	1.80	1.78
92	3.94	3.10	2.70	2.47	2.31	2.20	2.11	2.04	1.98	1.94	1.89	1.86	1.83	1.80	1.78
93	3.94	3.09	2.70	2.47	2.31	2.20	2.11	2.04	1.98	1.93	1.89	1.86	1.83	1.80	1.78
94	3.94	3.09	2.70	2.47	2.31	2.20	2.11	2.04	1.98	1.93	1.89	1.86	1.83	1.80	1.77
95	3.94	3.09	2.70	2.47	2.31	2.20	2.11	2.04	1.98	1.93	1.89	1.86	1.82	1.80	1.77
96	3.94	3.09	2.70	2.47	2.31	2.19	2.11	2.04	1.98	1.93	1.89	1.85	1.82	1.80	1.77
97	3.94	3.09	2.70	2.47	2.31	2.19	2.11	2.04	1.98	1.93	1.89	1.85	1.82	1.80	1.77
98	3.94	3.09	2.70	2.46	2.31	2.19	2.10	2.03	1.98	1.93	1.89	1.85	1.82	1.79	1.77
99	3.94	3.09	2.70	2.46	2.31	2.19	2.10	2.03	1.98	1.93	1.89	1.85	1.82	1.79	1.77
100	3.94	3.09	2.70	2.46	2.31	2.19	2.10	2.03	1.97	1.93	1.89	1.85	1.82	1.79	1.77
101	3.94	3.09	2.69	2.46	2.30	2.19	2.10	2.03	1.97	1.93	1.88	1.85	1.82	1.79	1.77
102	3.93	3.09	2.69	2.46	2.30	2.19	2.10	2.03	1.97	1.92	1.88	1.85	1.82	1.79	1.77
103	3.93	3.08	2.69	2.46	2.30	2.19	2.10	2.03	1.97	1.92	1.88	1.85	1.82	1.79	1.76
104	3.93	3.08	2.69	2.46	2.30	2.19	2.10	2.03	1.97	1.92	1.88	1.85	1.82	1.79	1.76
105	3.93	3.08	2.69	2.46	2.30	2.19	2.10	2.03	1.97	1.92	1.88	1.85	1.81	1.79	1.76
106	3.93	3.08	2.69	2.46	2.30	2.19	2.10	2.03	1.97	1.92	1.88	1.84	1.81	1.79	1.76
107	3.93	3.08	2.69	2.46	2.30	2.18	2.10	2.03	1.97	1.92	1.88	1.84	1.81	1.79	1.76
108	3.93	3.08	2.69	2.46	2.30	2.18	2.10	2.03	1.97	1.92	1.88	1.84	1.81	1.78	1.76
109	3.93	3.08	2.69	2.45	2.30	2.18	2.09	2.02	1.97	1.92	1.88	1.84	1.81	1.78	1.76
110	3.93	3.08	2.69	2.45	2.30	2.18	2.09	2.02	1.97	1.92	1.88	1.84	1.81	1.78	1.76
111	3.93	3.08	2.69	2.45	2.30	2.18	2.09	2.02	1.97	1.92	1.88	1.84	1.81	1.78	1.76
112	3.93	3.08	2.69	2.45	2.30	2.18	2.09	2.02	1.96	1.92	1.88	1.84	1.81	1.78	1.76
113	3.93	3.08	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.92	1.87	1.84	1.81	1.78	1.76
114	3.92	3.08	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.84	1.81	1.78	1.75
115	3.92	3.08	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.84	1.81	1.78	1.75
116	3.92	3.07	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.84	1.81	1.78	1.75
117	3.92	3.07	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.84	1.80	1.78	1.75
118	3.92	3.07	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.84	1.80	1.78	1.75
119	3.92	3.07	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.83	1.80	1.78	1.75
120	3.92	3.07	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.83	1.80	1.78	1.75
121	3.92	3.07	2.68	2.45	2.29	2.17	2.09	2.02	1.96	1.91	1.87	1.83	1.80	1.77	1.75
122	3.92	3.07	2.68	2.45	2.29	2.17	2.09	2.02	1.96	1.91	1.87	1.83	1.80	1.77	1.75
123	3.92	3.07	2.68	2.45	2.29	2.17	2.08	2.01	1.96	1.91	1.87	1.83	1.80	1.77	1.75
124	3.92	3.07	2.68	2.44	2.29	2.17	2.08	2.01	1.96	1.91	1.87	1.83	1.80	1.77	1.75
125	3.92	3.07	2.68	2.44	2.29	2.17	2.08	2.01	1.96	1.91	1.87	1.83	1.80	1.77	1.75
126	3.92	3.07	2.68	2.44	2.29	2.17	2.08	2.01	1.95	1.91	1.87	1.83	1.80	1.77	1.75
127	3.92	3.07	2.68	2.44	2.29	2.17	2.08	2.01	1.95	1.91	1.86	1.83	1.80	1.77	1.75
128	3.92	3.07	2.68	2.44	2.29	2.17	2.08	2.01	1.95	1.91	1.86	1.83	1.80	1.77	1.75
129	3.91	3.07	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.83	1.80	1.77	1.74
130	3.91	3.07	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.83	1.80	1.77	1.74
131	3.91	3.07	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.83	1.80	1.77	1.74
132	3.91	3.06	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.83	1.79	1.77	1.74
133	3.91	3.06	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.83	1.79	1.77	1.74
134	3.91	3.06	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.83	1.79	1.77	1.74
135	3.91	3.06	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.82	1.79	1.77	1.74







## Lampiran 6. Hasil Output SPSS

### A. Deskriptif Statistik

#### Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Y	201	41.00	249.00	106.8507	35.65470
X1	201	.00	1.00	.5721	.49600
X2	201	.00	1.00	.4975	.50124
X3	201	.00	24.36	1.2073	2.73611
X4	201	.00	1.00	.1244	.33084
Valid N (listwise)	201				

### B. Uji Asumsi Klasik

#### 1). Uji Normalitas

#### One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual	
N		201	
Normal Parameters <sup>a,b</sup>	Mean	.0000000	
	Std. Deviation	5.21732995	
Most Extreme Differences	Absolute	.127	
	Positive	.127	
	Negative	-.109	
Test Statistic		.127	
Asymp. Sig. (2-tailed) <sup>c</sup>		.200	
Monte Carlo Sig. (2-tailed) <sup>d</sup>	Sig.	.631	
	99% Confidence Interval	Lower Bound	.671
		Upper Bound	.689

a. Test distribution is Normal.

b. Calculated from data.

## 2) Uji Multikolinieritas

Coefficients<sup>a</sup>

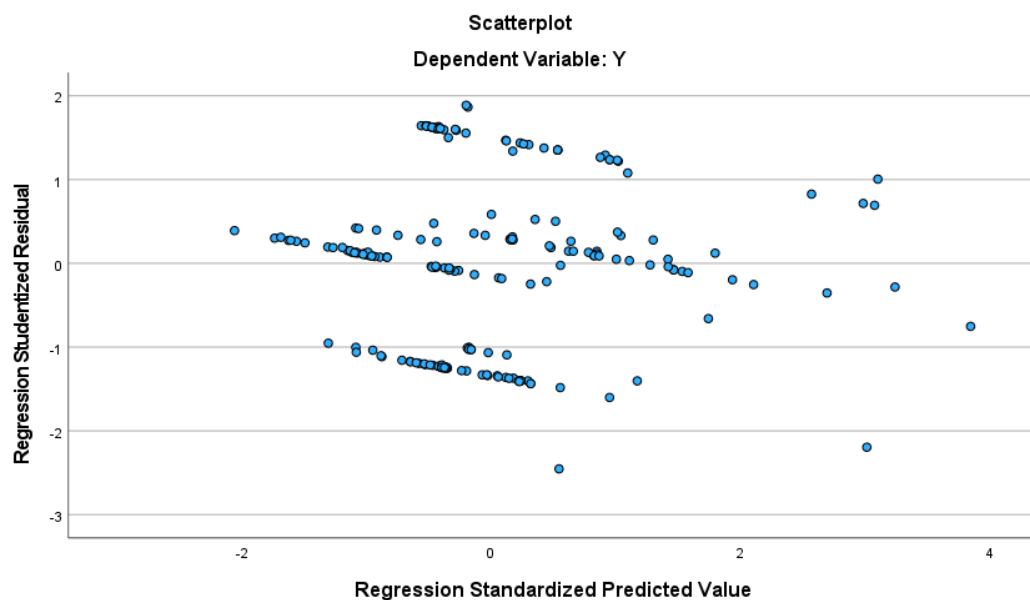
Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
	B	Std. Error	Beta			Tolerance	VIF
X1	-17.117	.552	-1.840	-31.012	<.001	.149	6.693
X2	10.067	.552	1.083	18.243	<.001	.149	6.701
X3	-.271	1.128	-.039	-1.714	.088	.991	1.009
X4	5.141	.158	.105	4.560	<.001	.998	1.002

## 3). Uji Autokorelasi

Model Summary<sup>b</sup>

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.947 <sup>a</sup>	.897	.895	5.27030	2.105

## 4). Uji Heterokedastisitas



## B. Uji Regresi Linier Berganda

**Coefficients<sup>a</sup>**

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
1 (Constant)	111.162	.427		260.177	<.001
X1	-17.117	.552	-1.840	-31.012	<.001
X2	10.067	.552	1.083	18.243	<.001
X3	-.271	.158	-.039	-1.714	.088
X4	5.141	1.128	.105	4.560	<.001

## C. Pengujian Hipotesis

### 1). Koefisien Determinasi

**Model Summary<sup>b</sup>**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.947 <sup>a</sup>	.897	.895	5.27030	2.105

### 2). Uji Kelayakan Model (Uji F)

**ANOVA<sup>a</sup>**

Model	Sum of Squares	df	Mean Square	F	Sig.
1 Regression	47384.066	4	11846.017	426.483	<.001 <sup>b</sup>
Residual	5444.106	196	27.776		
Total	52828.173	200			

## 3). Uji Hipotesis (Uji t)

**Coefficients<sup>a</sup>**

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
1 (Constant)	111.162	.427		260.177	<.001
X1	-17.117	.552	-1.840	-31.012	<.001
X2	10.067	.552	1.083	18.243	<.001
X3	-.271	.158	-.039	-1.714	.088
X4	5.141	1.128	.105	4.560	<.001