LAMPIRAN

Lampiran 1 Data Responden Skala Likert Kualitas Sistem

No Responden	**KS1**	**KS2**	**KS3**	**KS4**	**KS5**	**KS6**	**KS7**
Responden 1	2	1	2	1	3	1	2
Responden 2	4	4	3	4	5	3	2
Responden 3	2	4	4	4	4	2	4
Responden 4	4	4	3	4	2	4	3
Responden 5	1	1	1	1	1	1	1
Responden 6	4	3	2	2	3	4	3
Responden 7	1	2	4	2	2	3	2
Responden 8	3	4	4	2	4	3	3
Responden 9	4	2	4	4	5	4	4
Responden 10	2	1	1	2	2	2	2
Responden 11	3	1	4	4	3	2	3
Responden 12	3	2	2	2	2	2	3
Responden 13	4	2	3	1	2	2	3
Responden 14	5	5	5	5	5	4	4
Responden 15	3	3	4	4	2	3	4
Responden 16	3	3	2	3	2	5	3
Responden 17	2	2	3	1	2	1	1
Responden 18	2	2	3	2	3	1	2
Responden 19	5	4	4	5	4	5	5
Responden 20	2	2	1	1	2	1	2
Responden 21	2	2	4	2	2	2	3
Responden 22	4	3	4	3	4	2	3
Responden 23	5	4	5	5	5	5	4
Responden 24	5	4	5	5	4	4	4
Responden 25	3	2	3	2	3	2	4
Responden 26	4	4	4	3	4	4	4
Responden 27	2	2	2	2	3	2	3
Responden 28	1	4	2	3	4	4	2
Responden 29	2	2	4	3	4	2	1
Responden 30	4	4	4	4	3	5	4
Responden 31	2	4	4	3	3	2	4
Responden 32	3	2	1	4	2	4	2
Responden 33	1	1	1	2	1	1	1
Responden 34	2	5	4	5	5	4	4
Responden 35	4	5	4	4	4	5	4
Responden 36	4	5	4	5	4	5	5

Responden 37	2	2	3	2	3	2	2
Responden 38	1	2	3	1	4	2	1
Responden 39	4	4	4	2	4	2	4
Responden 40	3	4	2	4	3	3	4
Responden 41	2	2	2	2	2	2	1
Responden 42	5	5	5	5	5	5	5
Responden 43	5	5	5	5	5	5	5
Responden 44	3	5	4	3	2	3	2
Responden 45	5	4	5	5	4	5	5
Responden 46	2	2	2	2	1	4	2
Responden 47	4	2	2	3	3	4	3
Responden 48	2	4	3	4	4	5	2
Responden 49	4	3	3	4	3	4	3
Responden 50	4	5	2	4	2	2	3
Responden 51	2	2	1	2	2	1	2
Responden 52	4	1	2	2	4	1	2
Responden 53	3	5	4	4	2	4	3
Responden 54	4	2	2	2	4	4	4
Responden 55	2	5	4	3	4	5	3
Responden 56	2	5	4	4	2	2	4
Responden 57	2	1	1	1	2	1	1
Responden 58	2	2	2	4	2	2	2
Responden 59	2	2	2	2	1	1	2
Responden 60	4	4	4	5	4	4	3
Responden 61	2	2	2	1	1	1	1
Responden 62	4	4	5	5	5	5	4
Responden 63	2	4	3	4	2	4	3
Responden 64	4	2	2	4	1	2	2
Responden 65	1	1	1	1	1	1	1
Responden 66	1	1	1	1	1	1	1
Responden 67	4	3	2	3	4	4	4
Responden 68	4	2	2	4	2	2	2
Responden 69	5	5	5	5	5	5	5
Responden 70	2	2	4	3	2	1	2
Responden 71	3	3	3	2	2	5	4
Responden 72	4	3	3	5	5	3	4
Responden 73	4	3	2	4	3	3	2
Responden 74	2	3	4	3	3	4	4
Responden 75	1	1	1	1	1	1	1
Responden 76	3	3	4	3	4	3	4
Responden 77	5	4	5	5	5	4	4
Responden 78	4	4	3	4	4	2	4

Responden 79	5	5	5	5	5	5	5
Responden 80	5	5	4	4	5	5	5
Responden 81	4	2	5	5	5	5	4
Responden 82	2	2	4	4	4	4	4
Responden 83	1	1	1	1	1	1	1
Responden 84	4	4	2	2	3	2	2
Responden 85	2	3	3	3	2	1	2
Responden 86	4	4	5	3	5	4	4
Responden 87	3	3	2	4	2	3	2
Responden 88	2	2	2	1	2	2	1
Responden 89	4	4	5	5	5	5	5
Responden 90	4	3	2	4	4	3	4
Responden 91	5	5	5	4	5	4	3
Responden 92	4	2	3	2	4	4	4
Responden 93	5	5	5	5	5	5	5
Responden 94	2	3	1	2	2	3	2
Responden 95	1	1	2	1	2	3	1
Responden 96	4	4	4	4	4	5	2
Responden 97	2	2	1	2	2	2	1
Responden 98	2	2	1	2	1	1	2
Responden 99	2	1	2	1	2	3	1
Responden 100	2	2	2	2	2	2	3
Responden 101	1	1	1	1	1	1	1
Responden 102	5	5	4	4	4	5	4
Responden 103	2	4	3	2	1	2	2
Responden 104	3	4	4	4	3	4	5
Responden 105	1	2	1	3	1	2	2
Responden 106	5	4	5	5	5	5	5
Responden 107	1	1	1	1	1	2	1
Responden 108	2	4	2	2	3	5	1
Responden 109	3	4	4	3	4	5	2
Responden 110	4	4	2	2	2	3	4
Responden 111	2	1	3	2	1	2	1
Responden 112	2	3	2	3	4	4	4
Responden 113	3	4	1	3	2	4	4
Responden 114	5	2	4	4	4	5	4
Responden 115	4	3	2	2	3	3	4
Responden 116	4	3	3	2	4	3	4
Responden 117	5	5	5	5	4	5	5
Responden 118	2	4	3	4	4	5	4
Responden 119	4	5	5	5	5	5	5
Responden 120	1	1	1	1	1	1	1

Responden 121	1	1	1	1	1	1	1
Responden 122	3	3	2	2	2	1	1
Responden 123	2	2	2	2	4	3	3
Responden 124	2	2	2	3	3	2	3
Responden 125	2	2	4	3	3	4	3
Responden 126	1	1	1	1	1	1	1
Responden 127	3	2	2	2	2	4	2
Responden 128	4	3	3	2	2	3	4
Responden 129	3	5	3	3	4	4	5
Responden 130	1	1	1	1	1	1	1
Responden 131	4	3	4	3	4	3	4
Responden 132	1	1	1	1	1	1	1
Responden 133	3	3	3	1	3	2	2
Responden 134	2	1	1	2	1	2	1
Responden 135	2	3	2	2	2	1	1
Responden 136	4	4	5	4	4	5	5
Responden 137	5	5	5	5	5	5	5
Responden 138	5	4	5	4	4	5	4
Responden 139	5	3	2	3	5	4	4
Responden 140	5	5	5	5	5	4	5
Responden 141	5	4	4	5	5	5	4
Responden 142	3	2	2	2	2	2	3
Responden 143	2	2	2	1	2	1	1
Responden 144	5	5	5	5	5	5	5
Responden 145	2	2	1	1	1	1	1
Responden 146	1	1	2	1	1	1	1
Responden 147	5	4	4	5	5	5	5
Responden 148	4	3	2	4	3	2	3
Responden 149	5	4	3	4	5	5	5
Responden 150	2	2	2	1	2	2	2

DATA RESPONDEN SKALA LIKERT KUALITAS INFORMASI

No Responden	**KI1**	**KI2**	**KI3**	**KI4**	**KI5**	**KI6**	**KI7**	**KI8**
Responden 1	1	2	1	2	2	1	2	2
Responden 2	1	2	4	2	3	2	2	3
Responden 3	1	2	1	2	2	1	1	1
Responden 4	5	5	5	5	4	4	5	5
Responden 5	1	2	3	2	3	1	3	1
Responden 6	5	5	5	5	4	5	4	4
Responden 7	1	1	1	2	2	1	2	2
Responden 8	5	4	4	5	5	4	4	4
Responden 9	3	3	1	2	2	2	2	2
Responden 10	4	4	2	2	2	3	3	3
Responden 11	2	3	4	3	4	4	4	5
Responden 12	1	1	1	2	2	1	2	3
Responden 13	2	2	2	2	1	2	1	2
Responden 14	4	4	5	4	4	4	4	3
Responden 15	4	3	4	4	3	3	2	3
Responden 16	1	1	2	2	2	3	2	4
Responden 17	4	5	4	2	3	4	4	2
Responden 18	2	1	2	1	2	1	1	1
Responden 19	3	5	4	3	4	4	5	4
Responden 20	3	2	2	1	2	2	2	4
Responden 21	4	4	5	5	4	4	5	4
Responden 22	4	4	2	4	2	3	2	3
Responden 23	3	1	2	4	2	4	2	1
Responden 24	3	2	3	2	2	2	2	1
Responden 25	2	2	3	3	3	2	2	2
Responden 26	4	3	4	4	3	4	4	2
Responden 27	5	4	4	5	3	4	4	4
Responden 28	4	4	4	4	2	4	4	4
Responden 29	3	4	1	4	2	2	4	2
Responden 30	3	5	4	4	4	4	4	4
Responden 31	2	2	1	2	2	3	2	2
Responden 32	4	2	3	4	2	4	2	2
Responden 33	1	1	2	1	1	2	1	2
Responden 34	4	5	4	3	4	4	4	4
Responden 35	2	4	2	3	2	2	1	4

Responden 36	2	3	4	2	4	2	3	3
Responden 37	3	4	4	3	3	4	3	4
Responden 38	4	4	4	3	3	3	3	4
Responden 39	4	4	4	5	4	5	4	4
Responden 40	3	2	4	2	2	4	3	4
Responden 41	2	1	1	1	2	1	1	2
Responden 42	4	5	5	5	5	5	4	5
Responden 43	5	5	5	5	4	5	4	5
Responden 44	2	3	3	2	2	4	2	2
Responden 45	3	4	3	2	3	3	4	4
Responden 46	2	4	3	2	3	3	4	2
Responden 47	1	1	1	1	1	1	1	1
Responden 48	2	4	2	3	4	5	3	2
Responden 49	4	5	4	4	5	5	4	5
Responden 50	3	4	3	2	2	3	4	4
Responden 51	1	1	1	1	1	1	1	1
Responden 52	4	3	4	5	5	4	5	4
Responden 53	3	3	2	1	2	2	2	3
Responden 54	4	2	2	4	2	1	2	2
Responden 55	4	5	5	4	4	3	4	4
Responden 56	4	3	2	3	3	4	2	3
Responden 57	3	3	2	2	4	4	2	3
Responden 58	1	1	1	1	1	2	1	1
Responden 59	4	4	4	5	4	3	3	2
Responden 60	5	5	4	4	4	4	4	4
Responden 61	2	1	2	3	2	1	1	3
Responden 62	3	3	2	3	2	3	2	4
Responden 63	4	3	3	2	4	3	3	4
Responden 64	4	3	3	3	3	3	2	2
Responden 65	2	2	2	2	1	2	1	4
Responden 66	3	3	2	3	2	2	3	4
Responden 67	1	1	1	1	1	2	1	1
Responden 68	1	2	2	3	2	1	4	1
Responden 69	4	2	4	2	4	2	4	2
Responden 70	2	4	3	2	1	4	4	4
Responden 71	4	5	5	4	4	5	5	5
Responden 72	3	2	4	3	2	3	1	2
Responden 73	4	4	5	2	3	1	4	4
Responden 74	5	4	4	4	4	5	5	4
Responden 75	2	1	1	2	2	2	2	2
Responden 76	4	4	3	3	1	2	4	2
Responden 77	5	5	5	4	5	4	5	4

Responden 78	2	2	1	1	1	3	1	2
Responden 79	4	5	4	4	5	4	4	4
Responden 80	4	4	4	4	4	2	4	4
Responden 81	2	2	3	3	2	3	3	4
Responden 82	4	4	4	4	4	4	4	5
Responden 83	1	1	2	1	1	1	1	2
Responden 84	2	2	2	2	2	2	3	1
Responden 85	2	2	2	2	1	2	3	2
Responden 86	3	4	4	3	4	4	3	5
Responden 87	2	4	2	2	3	2	3	3
Responden 88	5	4	5	4	5	4	5	4
Responden 89	5	4	4	5	4	5	4	4
Responden 90	2	3	4	2	2	2	3	2
Responden 91	2	2	3	2	2	2	2	2
Responden 92	4	4	5	3	5	4	4	5
Responden 93	3	2	3	2	2	2	2	2
Responden 94	3	2	3	1	2	4	2	2
Responden 95	1	1	1	1	1	1	1	1
Responden 96	2	3	4	2	3	4	4	3
Responden 97	1	3	1	2	2	1	2	3
Responden 98	4	4	4	2	3	2	3	2
Responden 99	1	1	1	1	1	1	1	2
Responden 100	4	2	3	3	4	3	2	4
Responden 101	3	2	3	1	2	2	1	1
Responden 102	4	4	4	4	4	3	2	3
Responden 103	1	1	1	2	1	1	1	1
Responden 104	5	4	5	4	4	4	4	5
Responden 105	3	1	1	1	2	3	1	4
Responden 106	3	4	3	2	4	4	2	3
Responden 107	3	3	2	2	1	2	2	2
Responden 108	3	3	3	3	4	2	3	1
Responden 109	5	5	5	4	5	4	4	4
Responden 110	1	1	1	1	1	1	2	2
Responden 111	1	1	2	1	1	1	1	2
Responden 112	5	5	5	3	5	5	5	5
Responden 113	4	4	4	5	5	5	5	5
Responden 114	5	4	5	5	5	5	5	5
Responden 115	3	2	2	3	2	2	3	2
Responden 116	4	5	4	5	5	4	5	5
Responden 117	3	4	3	4	4	4	5	3
Responden 118	5	4	5	5	4	4	5	4
Responden 119	5	5	5	5	5	5	5	5

Responden 120	4	5	4	4	4	5	4	4
Responden 121	3	2	4	3	2	4	3	2
Responden 122	2	2	3	2	4	4	3	3
Responden 123	3	3	2	4	2	2	3	2
Responden 124	4	5	5	4	5	5	5	4
Responden 125	1	2	4	3	3	4	3	4
Responden 126	1	1	1	1	1	1	1	1
Responden 127	5	4	4	4	4	5	5	4
Responden 128	5	5	4	5	2	4	4	4
Responden 129	5	5	4	4	5	5	5	4
Responden 130	2	2	1	1	2	2	1	1
Responden 131	2	4	2	2	2	4	3	3
Responden 132	4	4	4	2	2	3	4	4
Responden 133	2	1	2	3	2	1	2	2
Responden 134	1	1	1	1	1	1	1	1
Responden 135	1	1	1	1	1	1	2	1
Responden 136	3	3	3	2	3	2	2	3
Responden 137	4	2	2	2	2	4	3	2
Responden 138	5	5	5	4	4	3	5	5
Responden 139	3	3	3	5	3	4	4	5
Responden 140	2	4	3	4	3	4	4	2
Responden 141	3	2	2	2	2	2	2	4
Responden 142	5	5	4	4	4	3	5	4
Responden 143	1	1	1	1	1	1	1	1
Responden 144	2	3	3	2	2	3	4	2
Responden 145	2	1	3	2	2	2	2	2
Responden 146	3	3	3	2	2	1	2	2
Responden 147	3	4	3	4	4	5	4	4
Responden 148	4	4	5	5	5	5	5	5
Responden 149	2	4	3	4	2	2	3	2
Responden 150	4	4	3	4	4	4	5	4

DATA RESPONDEN SKALA LIKERT MINAT PENGGUNA

No Responden	**MP1**	**MP2**	**MP3**	**MP4**
Responden 1	4	4	4	4
Responden 2	5	3	5	4
Responden 3	4	4	4	2
Responden 4	2	2	3	4
Responden 5	5	4	4	4
Responden 6	4	4	5	5
Responden 7	4	4	4	4
Responden 8	5	5	5	5
Responden 9	3	4	4	4
Responden 10	1	2	2	2
Responden 11	4	3	4	3
Responden 12	1	1	2	1
Responden 13	4	1	2	2
Responden 14	3	2	3	4
Responden 15	4	4	5	4
Responden 16	2	3	4	4
Responden 17	4	5	5	5
Responden 18	3	1	2	1
Responden 19	4	4	5	4
Responden 20	1	1	1	1
Responden 21	4	3	4	4
Responden 22	5	5	5	5
Responden 23	2	3	2	2
Responden 24	2	2	2	4
Responden 25	4	4	3	4
Responden 26	5	4	4	4
Responden 27	3	3	2	4
Responden 28	5	5	5	5
Responden 29	3	4	2	4
Responden 30	5	5	5	5
Responden 31	1	2	1	1
Responden 32	3	3	3	4
Responden 33	1	1	1	1
Responden 34	3	4	4	4
Responden 35	3	3	4	3
Responden 36	4	4	5	5
Responden 37	2	2	4	4

Responden 38	2	2	4	2
Responden 39	4	4	4	5
Responden 40	2	1	2	2
Responden 41	3	1	3	1
Responden 42	5	5	4	5
Responden 43	4	5	5	5
Responden 44	3	4	3	4
Responden 45	4	5	5	4
Responden 46	3	2	2	2
Responden 47	1	1	1	1
Responden 48	1	2	1	2
Responden 49	3	2	4	4
Responden 50	4	2	3	4
Responden 51	2	2	1	2
Responden 52	1	2	1	2
Responden 53	5	5	5	5
Responden 54	1	2	2	2
Responden 55	5	3	4	4
Responden 56	1	1	1	2
Responden 57	2	3	3	2
Responden 58	1	2	2	2
Responden 59	4	4	4	3
Responden 60	2	3	4	3
Responden 61	3	4	3	2
Responden 62	4	3	3	3
Responden 63	5	5	5	5
Responden 64	1	1	2	1
Responden 65	2	1	3	1
Responden 66	3	3	2	3
Responden 67	2	1	1	2
Responden 68	5	5	4	4
Responden 69	5	5	5	5
Responden 70	2	4	4	4
Responden 71	4	5	4	5
Responden 72	2	2	2	2
Responden 73	5	4	2	5
Responden 74	4	5	3	2
Responden 75	1	1	1	2
Responden 76	2	2	2	2
Responden 77	2	1	2	2
Responden 78	2	1	2	1
Responden 79	1	2	2	1

Responden 80	4	4	3	4
Responden 81	2	1	3	2
Responden 82	2	4	2	1
Responden 83	1	2	1	2
Responden 84	4	4	2	4
Responden 85	2	2	2	2
Responden 86	3	5	5	4
Responden 87	4	4	4	3
Responden 88	2	2	2	3
Responden 89	4	4	4	4
Responden 90	2	4	3	3
Responden 91	3	4	4	4
Responden 92	4	3	4	3
Responden 93	4	3	4	3
Responden 94	5	5	4	4
Responden 95	4	3	4	2
Responden 96	4	2	2	4
Responden 97	2	2	3	2
Responden 98	5	4	4	4
Responden 99	2	3	3	5
Responden 100	2	2	1	2
Responden 101	1	3	3	3
Responden 102	5	4	4	4
Responden 103	4	3	1	2
Responden 104	2	3	2	2
Responden 105	2	2	1	1
Responden 106	2	1	2	2
Responden 107	2	2	3	3
Responden 108	2	2	1	3
Responden 109	4	4	4	4
Responden 110	4	5	5	4
Responden 111	1	1	1	1
Responden 112	4	4	2	4
Responden 113	4	5	4	5
Responden 114	4	5	5	5
Responden 115	1	2	1	1
Responden 116	2	2	2	3
Responden 117	5	5	4	5
Responden 118	4	4	4	5
Responden 119	4	4	5	4
Responden 120	2	4	3	2
Responden 121	4	4	4	3

Responden 122	2	2	1	1
Responden 123	2	3	4	3
Responden 124	4	4	4	5
Responden 125	2	2	4	2
Responden 126	1	1	1	1
Responden 127	4	2	3	5
Responden 128	4	4	2	2
Responden 129	4	2	4	3
Responden 130	4	3	2	4
Responden 131	4	3	4	2
Responden 132	2	3	2	2
Responden 133	1	1	1	1
Responden 134	1	2	1	1
Responden 135	4	2	2	2
Responden 136	3	3	4	2
Responden 137	4	4	4	5
Responden 138	2	3	2	4
Responden 139	3	3	2	2
Responden 140	3	2	4	3
Responden 141	2	4	4	4
Responden 142	3	4	3	4
Responden 143	1	1	1	1
Responden 144	3	4	4	4
Responden 145	1	1	2	2
Responden 146	1	2	2	1
Responden 147	5	4	5	4
Responden 148	5	4	3	4
Responden 149	4	5	4	4
Responden 150	3	4	5	4

DATA RESPONDEN SKALA LIKERT KEPUASAN PENGGUNA

No Responden	**KP1**	**KP2**	**KP3**	**KP4**	**KP5**	**KP6**
Responden 1	1	3	4	4	4	3
Responden 2	3	4	3	3	4	2
Responden 3	3	1	2	3	2	2
Responden 4	3	4	2	3	3	4
Responden 5	4	5	4	4	4	5
Responden 6	4	4	4	5	5	5
Responden 7	2	1	1	1	1	1
Responden 8	5	2	5	5	5	5
Responden 9	5	4	4	2	2	2
Responden 10	5	4	5	4	5	5
Responden 11	4	1	2	2	3	3
Responden 12	1	2	2	1	2	1
Responden 13	2	1	1	1	2	1
Responden 14	4	4	3	4	4	4
Responden 15	4	5	5	5	5	5
Responden 16	2	4	3	3	4	3
Responden 17	3	3	4	4	4	4
Responden 18	2	3	3	2	2	3
Responden 19	5	4	4	3	4	4
Responden 20	1	2	3	3	2	2
Responden 21	1	2	2	1	2	2
Responden 22	5	5	5	5	5	5
Responden 23	1	1	1	1	1	1
Responden 24	4	4	3	4	4	5
Responden 25	4	3	3	2	4	3
Responden 26	5	5	5	5	5	5
Responden 27	5	5	4	5	5	4
Responden 28	5	4	5	5	5	5
Responden 29	2	3	2	2	3	2
Responden 30	4	5	5	5	5	5
Responden 31	3	4	3	1	3	3
Responden 32	3	2	5	4	4	4
Responden 33	1	2	1	1	2	2
Responden 34	3	2	1	2	2	3
Responden 35	2	1	2	2	4	3
Responden 36	3	4	4	4	4	3
Responden 37	3	2	2	2	2	1

Responden 38	2	2	2	1	3	2
Responden 39	1	2	3	4	3	2
Responden 40	4	3	5	4	4	4
Responden 41	2	2	4	4	4	2
Responden 42	2	1	2	2	2	2
Responden 43	5	5	5	5	5	4
Responden 44	3	2	2	1	2	2
Responden 45	5	5	5	5	5	5
Responden 46	1	3	2	2	2	2
Responden 47	1	1	1	1	1	1
Responden 48	2	2	1	2	3	4
Responden 49	4	4	4	4	5	3
Responden 50	5	5	5	5	5	5
Responden 51	4	4	4	3	4	4
Responden 52	1	1	1	1	1	1
Responden 53	5	3	5	4	3	4
Responden 54	3	4	4	4	3	4
Responden 55	5	3	3	3	4	4
Responden 56	1	2	2	1	2	2
Responden 57	1	1	1	1	1	1
Responden 58	2	1	2	1	1	1
Responden 59	3	4	4	4	2	4
Responden 60	4	4	5	4	4	5
Responden 61	3	3	2	3	2	4
Responden 62	2	4	4	3	3	4
Responden 63	5	5	5	4	5	5
Responden 64	1	1	1	2	1	1
Responden 65	1	2	3	1	3	3
Responden 66	4	2	2	4	2	3
Responden 67	3	4	4	4	4	3
Responden 68	5	5	4	5	5	4
Responden 69	4	3	2	2	4	3
Responden 70	2	2	3	2	2	4
Responden 71	5	5	5	5	5	5
Responden 72	2	2	2	1	1	1
Responden 73	1	1	1	2	2	2
Responden 74	4	2	3	3	2	2
Responden 75	4	3	2	4	2	1
Responden 76	2	2	1	1	1	1
Responden 77	2	2	4	4	3	2
Responden 78	1	2	2	1	1	1
Responden 79	4	5	4	5	4	4

Responden 80	5	4	4	4	4	4
Responden 81	2	1	2	2	4	2
Responden 82	4	3	4	3	3	4
Responden 83	2	2	2	1	2	2
Responden 84	2	3	2	2	2	2
Responden 85	2	2	2	2	2	3
Responden 86	4	4	3	4	4	4
Responden 87	3	3	4	2	3	3
Responden 88	2	1	1	1	1	1
Responden 89	1	2	1	2	3	2
Responden 90	1	2	1	4	2	2
Responden 91	2	2	2	4	3	4
Responden 92	4	4	4	4	2	3
Responden 93	4	5	4	4	3	4
Responden 94	4	4	4	4	4	4
Responden 95	2	4	2	1	2	1
Responden 96	3	4	4	4	4	4
Responden 97	1	1	1	1	2	1
Responden 98	5	4	4	4	5	4
Responden 99	3	2	3	3	2	2
Responden 100	2	4	1	2	1	2
Responden 101	4	2	3	3	4	4
Responden 102	4	2	3	4	3	3
Responden 103	2	1	3	2	2	2
Responden 104	3	4	5	5	4	4
Responden 105	1	1	2	2	1	1
Responden 106	1	1	1	1	1	1
Responden 107	2	1	2	1	1	1
Responden 108	3	4	4	3	3	4
Responden 109	2	2	4	4	3	4
Responden 110	5	4	4	4	5	5
Responden 111	2	3	2	1	2	2
Responden 112	4	3	4	4	4	4
Responden 113	4	5	5	4	4	4
Responden 114	2	2	2	2	3	2
Responden 115	2	2	1	1	2	2
Responden 116	3	3	4	2	4	3
Responden 117	5	5	5	5	5	5
Responden 118	2	3	3	4	2	3
Responden 119	4	4	3	4	3	3
Responden 120	4	4	3	4	4	4
Responden 121	5	5	5	5	5	5

Responden 122	1	1	1	2	1	1
Responden 123	2	2	2	3	3	3
Responden 124	5	5	5	4	5	4
Responden 125	4	3	2	5	2	4
Responden 126	3	1	2	2	2	2
Responden 127	4	3	4	4	4	3
Responden 128	3	4	4	4	2	2
Responden 129	1	2	2	2	3	2
Responden 130	1	1	1	1	1	1
Responden 131	4	1	4	4	3	2
Responden 132	1	3	2	2	2	2
Responden 133	3	3	2	2	3	2
Responden 134	1	1	1	1	1	1
Responden 135	3	2	1	1	1	1
Responden 136	3	3	3	1	2	2
Responden 137	5	4	4	2	5	4
Responden 138	4	3	4	3	4	4
Responden 139	5	4	4	4	5	4
Responden 140	5	5	5	5	5	5
Responden 141	5	4	4	3	4	4
Responden 142	2	1	4	4	3	2
Responden 143	1	1	1	1	1	1
Responden 144	4	4	3	1	3	3
Responden 145	2	1	1	1	1	1
Responden 146	4	4	4	4	3	4
Responden 147	5	5	5	5	5	5
Responden 148	2	2	2	3	3	3
Responden 149	4	4	3	4	4	4
Responden 150	2	4	4	2	2	2

DATA RESPONDEN SKALA LIKERT NET BENEFIT

No Responden	NB1	NB2	NB3	NB4	NB5
Responden 1	4	4	4	4	4
Responden 2	3	3	2	3	2
Responden 3	4	4	4	2	4
Responden 4	4	4	4	4	3
Responden 5	4	2	4	4	5
Responden 6	5	4	3	4	3
Responden 7	2	1	1	2	1
Responden 8	2	4	3	4	2
Responden 9	2	2	2	1	2
Responden 10	2	3	3	2	4
Responden 11	2	3	1	2	2
Responden 12	4	3	3	4	3
Responden 13	1	1	1	2	1
Responden 14	2	3	4	3	4
Responden 15	5	5	5	5	5
Responden 16	2	2	1	2	1
Responden 17	2	2	4	2	2
Responden 18	2	4	2	3	4
Responden 19	5	4	5	5	5
Responden 20	2	2	4	5	3
Responden 21	2	2	2	4	2
Responden 22	5	5	5	5	5
Responden 23	3	1	1	1	1
Responden 24	4	4	4	4	4
Responden 25	3	4	3	3	2
Responden 26	5	5	4	2	4
Responden 27	5	2	3	3	3
Responden 28	4	5	4	4	4
Responden 29	4	2	4	3	4
Responden 30	2	4	3	4	4
Responden 31	3	4	1	1	2
Responden 32	5	3	3	4	3
Responden 33	4	2	3	4	3
Responden 34	4	3	4	4	2
Responden 35	5	4	4	4	5
Responden 36	5	5	5	5	5
Responden 37	1	1	1	1	1

Responden 38	4	3	5	4	4
Responden 39	4	3	4	3	3
Responden 40	2	1	1	1	1
Responden 41	5	5	5	5	4
Responden 42	5	5	5	5	5
Responden 43	5	5	5	5	5
Responden 44	1	1	1	1	1
Responden 45	5	5	5	5	5
Responden 46	3	4	4	4	4
Responden 47	3	2	3	4	3
Responden 48	2	2	1	2	1
Responden 49	3	2	3	2	2
Responden 50	5	4	5	5	5
Responden 51	3	3	3	2	3
Responden 52	1	1	2	1	1
Responden 53	3	3	4	4	3
Responden 54	4	4	2	2	2
Responden 55	4	5	2	4	4
Responden 56	2	2	2	1	2
Responden 57	2	2	2	2	1
Responden 58	2	3	3	2	3
Responden 59	2	1	2	1	1
Responden 60	1	3	2	1	2
Responden 61	2	4	2	4	3
Responden 62	5	5	5	4	4
Responden 63	5	5	4	4	5
Responden 64	3	3	2	3	2
Responden 65	1	1	1	1	1
Responden 66	5	4	4	4	5
Responden 67	3	2	2	2	2
Responden 68	2	2	2	4	2
Responden 69	3	4	5	5	5
Responden 70	1	2	3	4	3
Responden 71	5	5	5	4	5
Responden 72	1	2	1	2	2
Responden 73	4	4	5	4	4
Responden 74	2	3	3	2	4
Responden 75	1	2	1	1	1
Responden 76	1	1	1	1	1
Responden 77	4	4	4	4	3
Responden 78	4	3	2	5	3
Responden 79	5	5	5	5	5

Responden 80	5	5	4	4	4
Responden 81	5	2	2	3	2
Responden 82	2	4	3	4	4
Responden 83	1	1	2	3	2
Responden 84	1	1	1	2	2
Responden 85	1	1	1	4	2
Responden 86	2	4	3	4	3
Responden 87	2	4	2	3	2
Responden 88	2	3	2	2	2
Responden 89	1	1	2	1	3
Responden 90	4	3	4	4	4
Responden 91	4	5	5	4	5
Responden 92	5	5	5	5	5
Responden 93	2	1	2	2	2
Responden 94	4	4	3	2	3
Responden 95	2	1	1	1	1
Responden 96	2	4	2	4	4
Responden 97	1	2	1	2	1
Responden 98	2	4	4	3	2
Responden 99	2	2	4	2	3
Responden 100	1	1	1	2	2
Responden 101	5	3	4	4	4
Responden 102	4	5	4	5	5
Responden 103	1	1	1	1	1
Responden 104	4	5	5	3	5
Responden 105	3	1	2	2	1
Responden 106	1	1	1	2	1
Responden 107	2	2	2	3	2
Responden 108	4	3	3	1	4
Responden 109	5	5	5	5	4
Responden 110	2	2	2	1	1
Responden 111	5	4	4	5	3
Responden 112	3	3	1	4	3
Responden 113	2	2	4	2	4
Responden 114	4	4	4	4	4
Responden 115	5	3	5	4	4
Responden 116	4	5	4	4	5
Responden 117	5	5	5	5	5
Responden 118	1	1	1	1	1
Responden 119	3	3	4	4	3
Responden 120	2	2	2	3	2
Responden 121	3	2	2	3	3

Responden 122	3	3	3	4	4
Responden 123	5	5	5	5	5
Responden 124	4	5	4	5	4
Responden 125	5	4	5	4	5
Responden 126	2	1	2	2	2
Responden 127	4	5	5	4	4
Responden 128	4	3	3	1	3
Responden 129	5	4	4	5	4
Responden 130	1	1	1	1	1
Responden 131	4	4	3	5	3
Responden 132	2	2	4	2	5
Responden 133	1	1	1	1	1
Responden 134	2	1	2	2	2
Responden 135	2	2	2	2	2
Responden 136	2	4	2	2	2
Responden 137	4	4	2	3	3
Responden 138	1	1	2	2	4
Responden 139	5	5	2	4	5
Responden 140	2	4	5	3	4
Responden 141	3	5	4	4	4
Responden 142	2	5	3	4	4
Responden 143	2	4	2	4	4
Responden 144	4	3	4	5	4
Responden 145	2	1	1	2	1
Responden 146	5	4	2	4	4
Responden 147	5	3	4	2	5
Responden 148	4	5	4	5	4
Responden 149	4	5	5	4	5
Responden 150	2	2	2	2	2

Lampiran 2 Hasil Analisis SEM AMOS

Analysis Summary

Groups

Group number 1 (Group number 1)

Notes for Group (Group number 1)

The model is recursive.

Sample size = 150

Variable Summary (Group number 1)

Your model contains the following variables (Group number 1)

Observed, endogenous variables

KS7

KS6

KS5

KS4

KS3

KS2

KS1

KI8

KI7

KI6

KI5

KI4

KI3

KI2

KI1

MP1

MP2

MP3

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MP4

KP6

KP5

KP4

KP3

KP2

KP1

NB5

NB4

NB3

NB2

NB1

Unobserved, endogenous variables

MP

KP

NB

Unobserved, exogenous variables

e7

e6

KS

e5

e4

e3

e2

e1

e15

KI

e14

e13

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UNDIKSHA

e12

e11

e10

e9

e8

e16

e17

e18

e19

e25

e24

e23

e22

e21

e20

e30

e29

e28

e27

e26

e31

e33

e32

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Modification Indices (Group number 1 - Default model)
Covariances: (Group number 1 - Default model)

Pasangan Parameter	MI	Par Change
e22 ↔ e8	6,357	0,110
e11 ↔ e26	6,019	0,139
e23 ↔ KI	5,720	0,140
e16 ↔ e25	5,415	-0,093
e23 ↔ e33	5,102	0,160
e28 ↔ e27	5,035	-0,105
e19 ↔ e28	4,762	0,097
e10 ↔ e17	4,777	-0,090
e12 ↔ e27	4,586	0,099
e18 ↔ e8	4,614	-0,103
e11 ↔ e8	4,448	0,102
e10 ↔ e22	4,377	-0,083
e29 ↔ e32	4,375	-0,150
e11 ↔ e29	4,314	-0,114
e23 ↔ e28	4,227	0,095
e21 ↔ e29	4,012	-0,115
e23 ↔ e22	4,045	0,088
e13 ↔ e33	5,132	-0,108
e17 ↔ e24	6,900	0,145
e18 ↔ e30	6,750	0,138

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Variable counts (Group number 1)

Number of variables in your model:	*68*
Number of observed variables:	*30*
Number of unobserved variables:	*38*
Number of exogenous variables:	*35*
Number of endogenous variables:	*33*

Parameter Summary (Group number 1)

	Weights	*Covariances*	*Variances*	*Means*	*Intercepts*	*Total*
Fixed	38	0	0	35	3	76
Labeled	0	0	0	0	0	0
Unlabeled	32	1	35	0	30	98
Total	70	1	35	35	33	174

Assessment of normality (Group number 1)

Variable	min	max	skew	c.r.	kurtosis	c.r.
NB1	1,000	5,000	,028	,141	-1,386	-3,465
NB2	1,000	5,000	-,099	-,493	-1,289	-3,222
NB3	1,000	5,000	,012	,060	-1,301	-3,253
NB4	1,000	5,000	-,186	-,932	-1,263	-3,157
NB5	1,000	5,000	-,097	-,484	-1,237	-3,093
KP1	1,000	5,000	,012	,060	-1,297	-3,243
KP2	1,000	5,000	,024	,122	-1,253	-3,131
KP3	1,000	5,000	-,033	-,166	-1,259	-3,148
KP4	1,000	5,000	-,051	-,256	-1,369	-3,423
KP5	1,000	5,000	,022	,109	-1,177	-2,944
KP6	1,000	5,000	-,018	-,089	-1,238	-3,095
MP4	1,000	5,000	-,125	-,624	-1,263	-3,157

MP3	1,000	5,000	-,117	-,583	-1,218	-3,045
MP2	1,000	5,000	-,068	-,339	-1,181	-2,953
MP1	1,000	5,000	-,070	-,351	-1,251	-3,129
KI1	1,000	5,000	-,085	-,423	-1,137	-2,842
KI2	1,000	5,000	-,129	-,644	-1,259	-3,147
KI3	1,000	5,000	-,108	-,541	-1,157	-2,892
KI4	1,000	5,000	,174	,870	-1,144	-2,859
KI5	1,000	5,000	,204	1,021	-1,166	-2,915
KI6	1,000	5,000	-,061	-,304	-1,244	-3,110
KI7	1,000	5,000	-,014	-,072	-1,231	-3,077
KI8	1,000	5,000	-,039	-,193	-1,236	-3,091
KS1	1,000	5,000	,043	,217	-1,269	-3,172
KS2	1,000	5,000	,061	,306	-1,228	-3,070
KS3	1,000	5,000	,088	,442	-1,248	-3,120
KS4	1,000	5,000	,045	,223	-1,296	-3,241
KS5	1,000	5,000	,011	,054	-1,305	-3,262
KS6	1,000	5,000	-,016	-,079	-1,425	-3,561
KS7	1,000	5,000	-,036	-,178	-1,304	-3,260
Mul珞椀variate					12,209	1,706

Observations farthest from the centroid (Mahalanobis distance) (Group number 1)

Observa玲椀on number	Mahalanobis d-squared	p1	p2
125	49,931	,013	,851
73	49,763	,013	,587
48	49,629	,014	,332
29	47,089	,024	,499
128	45,371	,036	,622
108	44,184	,046	,690
68	43,196	,056	,746
11	43,056	,058	,645
70	42,852	,060	,556
32	41,893	,073	,664
69	41,357	,081	,680
81	40,962	,088	,670
2	40,601	,094	,657
138	40,414	,097	,602
110	39,232	,121	,815
35	38,622	,134	,870
90	38,517	,137	,831
112	38,195	,145	,836
75	37,989	,150	,819
3	37,669	,158	,829
139	37,415	,165	,827

Observa珞椀on number	Mahalanobis d-squared	p1	p2
140	37,180	,172	,823
72	37,124	,174	,774
31	36,779	,184	,802
38	36,596	,189	,789
8	36,306	,198	,806
113	36,213	,201	,770
5	36,049	,206	,755
54	35,811	,214	,763
52	35,807	,214	,698
131	35,736	,217	,650
13	35,598	,222	,627
34	35,488	,225	,594
129	35,429	,227	,540
59	35,403	,228	,473
96	35,370	,229	,410
9	35,095	,239	,446
28	35,056	,241	,388
142	35,019	,242	,332
89	34,881	,247	,317
98	34,770	,251	,293
16	34,495	,261	,332
41	34,349	,267	,322
74	34,311	,269	,274
132	34,226	,272	,245
99	34,154	,275	,215

Observa珞椀on number	Mahalanobis d-squared	p1	p2
100	34,038	,279	,200
82	33,961	,282	,175
101	33,945	,283	,137
17	33,897	,285	,112
137	33,832	,288	,094
146	33,732	,292	,083
55	33,628	,296	,075
56	33,575	,298	,060
40	33,412	,305	,062
50	33,350	,308	,051
127	33,320	,309	,038
64	33,180	,315	,037
118	33,131	,317	,029
62	33,057	,320	,024
20	32,593	,340	,054
92	32,198	,358	,095
61	32,054	,365	,095
46	31,649	,384	,161
65	31,604	,386	,135
23	31,579	,387	,108
103	31,520	,390	,092
105	31,501	,391	,070
4	31,079	,412	,131
1	30,991	,416	,119
111	30,856	,422	,120

Observa珮on number	Mahalanobis d-squared	p1	p2
78	30,819	,424	,098
25	30,682	,431	,099
44	30,512	,440	,107
150	30,289	,451	,130
95	30,239	,453	,110
39	30,228	,454	,084
147	30,141	,458	,076
66	29,859	,473	,108
18	29,822	,475	,088
91	29,339	,500	,184
27	29,249	,505	,171
22	29,208	,507	,144
76	29,090	,513	,142
122	28,363	,551	,384
77	28,343	,552	,332
53	28,312	,554	,288
115	28,312	,554	,235
94	28,022	,569	,305
21	27,958	,573	,277
123	27,932	,574	,235
10	27,650	,589	,302
106	27,609	,591	,264
144	27,428	,601	,287
149	26,951	,626	,461
7	26,823	,633	,461

Observa珞椀on number	Mahalanobis d-squared	p1	p2
86	26,758	,636	,429
104	26,748	,636	,368
24	26,523	,648	,417
141	26,507	,649	,360

Sample Moments (Group number 1)

Sample Covariances (Group number 1)

Sample Correlations (Group number 1)

	NB1	NB2	NB3	NB4	NB5	KP1	KP2	KP3	KP4	KP5	KP6	MP4	MP3	MP2	MP1	KI1	KI2	KI3	KI4	KI5	KI6	KI7	KI8	KS1	KS2	KS3	KS4	KS5	KS6	KS7
NB1	1,975																													
NB2	1,387	1,954																												
NB3	1,394	1,367	1,887																											
NB4	1,238	1,310	1,267	1,786																										
NB5	1,341	1,447	1,534	1,284	1,834																									
KP1	,540	,761	,520	,327	,627	1,913																								
KP2	,533	,614	,546	,257	,634	1,319	1,786																							
KP3	,607	,833	,653	,380	,693	1,360	1,333	1,800																						
KP4	,819	,940	,899	,590	,880	1,313	1,240	1,460	1,927																					
KP5	,771	,891	,734	,550	,771	1,347	1,256	1,400	1,362	1,719																				
KP6	,683	,870	,733	,532	,824	1,386	1,329	1,393	1,436	1,455	1,751																			
MP4	,367	,540	,641	,396	,486	,821	,674	,753	,827	,904	,824	1,746																		
MP3	,456	,649	,660	,494	,462	,820	,665	,780	,798	,859	,782	1,235	1,704																	
MP2	,345	,591	,600	,357	,545	,834	,656	,720	,802	,733	,815	1,278	1,225	1,679																
MP1	,433	,627	,520	,420	,487	,773	,607	,733	,793	,773	,673	1,247	1,200	1,247	1,733															
KI1	,333	,493	,460	,213	,399	,407	,361	,547	,607	,440	,474	,639	,406	,506	,393	1,700														
KI2	,403	,689	,687	,480	,629	,520	,465	,627	,718	,625	,629	,822	,724	,705	,607	1,326	1,837													
KI3	,365	,578	,567	,471	,558	,467	,442	,473	,715	,546	,594	,792	,632	,573	,593	1,267	1,312	1,713												
KI4	,390	,484	,392	,203	,404	,379	,408	,440	,663	,510	,494	,645	,500	,577	,473	1,221	1,207	1,149	1,649											
KI5	,318	,606	,492	,379	,459	,339	,333	,387	,554	,438	,406	,667	,549	,531	,533	1,154	1,255	1,290	1,152	1,614										
KI6	,262	,336	,286	,177	,276	,373	,337	,473	,564	,488	,458	,616	,522	,474	,413	1,160	1,248	1,187	1,136	1,195	1,739									
KI7	,315	,522	,580	,422	,582	,533	,532	,553	,685	,614	,572	,855	,588	,694	,620	1,193	1,441	1,334	1,237	1,270	1,226	1,766								
KI8	,340	,540	,453	,447	,473	,320	,273	,447	,513	,453	,400	,507	,520	,413	,327	1,047	1,173	1,120	1,000	1,100	1,133	1,120	1,627							
KS1	,478	,611	,520	,436	,511	,420	,410	,367	,443	,512	,362	,517	,445	,339	,427	,386	,492	,499	,558	,485	,448	,501	,360	1,739						
KS2	,409	,603	,473	,324	,476	,513	,477	,453	,477	,554	,578	,656	,562	,508	,640	,460	,622	,527	,462	,541	,552	,493	,360	1,134	1,752					
KS3	,312	,532	,440	,328	,439	,393	,274	,260	,235	,335	,357	,512	,657	,455	,473	,434	,624	,535	,551	,529	,551	,505	,420	1,136	1,231	1,796				
KS4	,449	,556	,473	,404	,476	,453	,390	,373	,391	,481	,478	,523	,542	,401	,433	,394	,562	,521	,436	,501	,599	,479	,427	1,301	1,332	1,338	1,899			
KS5	,505	,638	,480	,378	,532	,400	,322	,273	,348	,473	,341	,505	,559	,393	,407	,493	,639	,566	,669	,610	,587	,574	,460	1,306	1,187	1,375	1,341	1,873		
KS6	,669	,749	,580	,387	,636	,620	,585	,567	,584	,672	,636	,775	,724	,585	,580	,606	,757	,712	,680	,735	,728	,688	,633	1,285	1,348	1,297	1,468	1,426	2,144	
KS7	,565	,672	,546	,375	,579	,593	,568	,540	,528	,588	,504	,506	,604	,522	,500	,627	,697	,628	,718	,643	,704	,652	,620	1,362	1,284	1,309	1,404	1,401	1,464	1,876

	NB1	NB2	NB3	NB4	NB5	KP1	KP2	KP3	KP4	KP5	KP6	MP4	MP3	MP2	MP1	KI1	KI2	KI3	KI4	KI5	KI6	KI7	KI8	KS1	KS2	KS3	KS4	KS5	KS6	KS7
NB1	1,000																													
NB2	,706	1,000																												
NB3	,722	,712	1,000																											
NB4	,659	,702	,691	1,000																										
NB5	,705	,765	,825	,709	1,000																									
KP1	,278	,393	,274	,177	,335	1,000																								
KP2	,284	,329	,298	,144	,350	,714	1,000																							
KP3	,322	,444	,355	,212	,382	,733	,744	1,000																						
KP4	,420	,484	,472	,318	,468	,684	,668	,784	1,000																					
KP5	,419	,486	,407	,314	,434	,743	,717	,796	,748	1,000																				
KP6	,368	,471	,403	,301	,460	,757	,752	,785	,782	,838	1,000																			
MP4	,198	,292	,353	,224	,272	,449	,382	,425	,451	,522	,471	1,000																		
MP3	,249	,356	,368	,283	,262	,454	,381	,445	,440	,502	,453	,716	1,000																	
MP2	,189	,326	,337	,206	,310	,465	,379	,414	,446	,431	,475	,746	,724	1,000																
MP1	,234	,341	,288	,239	,273	,425	,345	,415	,434	,448	,386	,717	,698	,731	1,000															
KI1	,182	,270	,257	,122	,226	,226	,207	,313	,335	,257	,275	,371	,239	,300	,229	1,000														
KI2	,211	,364	,369	,265	,343	,278	,257	,345	,381	,352	,351	,459	,409	,402	,340	,751	1,000													
KI3	,199	,316	,315	,269	,315	,258	,253	,270	,394	,318	,343	,458	,370	,338	,344	,742	,740	1,000												
KI4	,216	,270	,223	,118	,232	,213	,238	,255	,372	,303	,291	,380	,299	,347	,280	,729	,694	,684	1,000											
KI5	,178	,341	,282	,223	,267	,193	,196	,227	,314	,263	,241	,397	,331	,322	,319	,697	,729	,776	,706	1,000										
KI6	,142	,182	,158	,101	,155	,205	,191	,268	,308	,282	,263	,354	,303	,278	,238	,675	,698	,688	,671	,713	1,000									
KI7	,169	,281	,318	,238	,323	,290	,299	,310	,371	,352	,325	,487	,339	,403	,354	,689	,800	,767	,725	,752	,700	1,000								
KI8	,190	,303	,259	,262	,274	,181	,160	,261	,290	,271	,237	,301	,312	,250	,195	,629	,679	,671	,611	,679	,674	,661	1,000							
KS1	,258	,331	,287	,247	,286	,230	,232	,207	,242	,296	,207	,297	,258	,198	,246	,225	,275	,289	,329	,290	,258	,286	,214	1,000						
KS2	,220	,326	,260	,183	,266	,280	,270	,255	,260	,319	,330	,375	,325	,296	,367	,267	,347	,304	,272	,322	,316	,280	,213	,650	1,000					
KS3	,165	,284	,239	,183	,242	,212	,153	,145	,126	,191	,201	,289	,376	,262	,268	,248	,343	,305	,320	,311	,312	,284	,246	,643	,694	1,000				
KS4	,232	,289	,250	,219	,255	,238	,212	,202	,204	,266	,262	,287	,301	,224	,239	,219	,301	,289	,246	,286	,330	,262	,243	,716	,730	,724	1,000			
KS5	,263	,334	,255	,206	,287	,211	,176	,149	,183	,263	,188	,279	,313	,221	,226	,276	,344	,316	,381	,351	,325	,315	,264	,724	,655	,750	,711	1,000		
KS6	,325	,366	,289	,198	,321	,306	,299	,288	,287	,350	,328	,401	,379	,308	,301	,318	,382	,372	,362	,395	,377	,353	,339	,665	,696	,661	,728	,711	1,000	
KS7	,294	,351	,290	,205	,312	,313	,310	,294	,278	,328	,278	,280	,338	,294	,277	,351	,375	,350	,408	,369	,390	,358	,355	,754	,709	,713	,744	,748	,730	1,000

Condition number = 128,101

Condition number = 128,101
Eigenvalues
11,981 3,836 3,316 2,473 1,636 ,541 ,486 ,441 ,436 ,398 ,367 ,358 ,332 ,310 ,298 ,296 ,275 ,249 ,237 ,219 ,212 ,199 ,189 ,179 ,153 ,147 ,128 ,115 ,101 ,094

Sample Means (Group number 1)

NB1	NB2	NB3	NB4	NB5	KP1	KP2	KP3	KP4	KP5	KP6	MP4	MP3	MP2	MP1	KI1	KI2	KI3	KI4	KI5	KI6	KI7	KI8	KS1	KS2	KS3	KS4	KS5	KS6	KS7
3,073	3,080	2,993	3,120	3,080	2,993	2,913	3,000	2,920	3,027	2,953	3,087	3,053	3,027	3,000	3,007	3,053	3,020	2,867	2,840	2,967	2,980	3,000	3,033	2,967	2,933	2,967	3,020	3,053	2,933

Computation of degrees of freedom (Default model)

Number of distinct sample moments: *495*

Number of distinct parameters to be estimated: *98*

Degrees of freedom (495 - 98): *397*

Result (Default model)

Minimum was achieved

Chi-square = 484,903

Degrees of freedom = 397

Probability level = ,002

Regression Weights: (Group number 1 - Default model)

		Estimate	S.E.	C.R.	P	Label
MP	<--- KS	,218	,080	2,726	,006	par_25
MP	<--- KI	,423	,102	4,145	***	par_29
KP	<--- KI	,135	,107	1,257	,209	par_27
KP	<--- KS	,091	,083	1,092	,275	par_30
KP	<--- MP	,555	,103	5,391	***	par_33
NB	<--- MP	,172	,112	1,535	,125	par_26
NB	<--- KP	,426	,101	4,224	***	par_28
KS5	<--- KS	,968	,068	14,248	***	par_1
KS4	<--- KS	,986	,068	14,525	***	par_2

KS3	<---	KS	,920	,069	13,417	***	par_3
KI7	<---	KI	1,184	,099	11,940	***	par_4
KI6	<---	KI	1,087	,100	10,889	***	par_5
KI5	<---	KI	1,112	,095	11,710	***	par_6
KI4	<---	KI	1,066	,098	10,907	***	par_7
KI2	<---	KI	1,205	,101	11,926	***	par_8
MP1	<---	MP	1,000				
MP2	<---	MP	1,024	,080	12,832	***	par_9
MP3	<---	MP	1,000	,082	12,187	***	par_10
MP4	<---	MP	1,045	,082	12,742	***	par_11
KP6	<---	KP	1,000				
KP5	<---	KP	,977	,054	18,011	***	par_12
KP4	<---	KP	,977	,063	15,514	***	par_13
KP3	<---	KP	,978	,058	16,776	***	par_14
KP2	<---	KP	,900	,064	14,083	***	par_15
KP1	<---	KP	,946	,065	14,564	***	par_16
NB5	<---	NB	1,000				
NB4	<---	NB	,860	,067	12,775	***	par_17
NB3	<---	NB	,989	,060	16,431	***	par_18
NB2	<---	NB	,964	,066	14,624	***	par_19
NB1	<---	NB	,922	,070	13,155	***	par_20
KI3	<---	KI	1,155	,098	11,820	***	par_21
KI8	<---	KI	1,000				
KS1	<---	KS	,901	,067	13,417	***	par_22
KS2	<---	KS	,898	,068	13,120	***	par_23
KS7	<---	KS	1,000				

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KS6	<---	KS	1,014	,074	13,673	***	par_24
KI1	<---	KI	1,101	,099	11,157	***	par_32

Standardized Regression Weights: (Group number 1 - Default model)

			Estimate
MP	<---	KS	,240
MP	<---	KI	,381
KP	<---	KI	,110
KP	<---	KS	,091
KP	<---	MP	,501
NB	<---	MP	,153
NB	<---	KP	,420
KS5	<---	KS	,851
KS4	<---	KS	,861
KS3	<---	KS	,827
KI7	<---	KI	,877
KI6	<---	KI	,812
KI5	<---	KI	,861
KI4	<---	KI	,817
KI2	<---	KI	,875
MP1	<---	MP	,831
MP2	<---	MP	,864
MP3	<---	MP	,838
MP4	<---	MP	,865
KP6	<---	KP	,915
KP5	<---	KP	,902
KP4	<---	KP	,852

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KP3	<---	KP	,882
KP2	<---	KP	,815
KP1	<---	KP	,828
NB5	<---	NB	,907
NB4	<---	NB	,791
NB3	<---	NB	,885
NB2	<---	NB	,847
NB1	<---	NB	,806
KI3	<---	KI	,869
KI8	<---	KI	,772
KS1	<---	KS	,822
KS2	<---	KS	,816
KS7	<---	KS	,879
KS6	<---	KS	,833
KI1	<---	KI	,831

Intercepts: (Group number 1 - Default model)

	Es玲椀mate	S.E.	C.R.	P	Label
KS7	2,933	,112	26,145	***	par_34
KS6	3,053	,120	25,455	***	par_35
KS5	3,020	,112	26,936	***	par_36
KS4	2,967	,113	26,279	***	par_37
KS3	2,933	,110	26,721	***	par_38
KS2	2,967	,108	27,357	***	par_39
KS1	3,033	,108	28,079	***	par_40
KI8	3,000	,104	28,712	***	par_41
KI7	2,980	,109	27,370	***	par_42

	Es玲椀mate	S.E.	C.R.	P	Label
KI6	2,967	,108	27,462	***	par_43
KI5	2,840	,104	27,284	***	par_44
KI4	2,867	,105	27,251	***	par_45
KI3	3,020	,107	28,166	***	par_46
KI2	3,053	,111	27,498	***	par_47
KI1	3,007	,107	28,149	***	par_48
MP1	3,000	,108	27,815	***	par_49
MP2	3,027	,106	28,510	***	par_50
MP3	3,053	,107	28,553	***	par_51
MP4	3,087	,108	28,516	***	par_52
KP6	2,953	,108	27,242	***	par_53
KP5	3,027	,107	28,176	***	par_54
KP4	2,920	,114	25,677	***	par_55
KP3	3,000	,110	27,295	***	par_56
KP2	2,913	,109	26,611	***	par_57
KP1	2,993	,113	26,415	***	par_58
NB5	3,080	,111	27,765	***	par_59
NB4	3,120	,109	28,501	***	par_60
NB3	2,993	,113	26,601	***	par_61
NB2	3,080	,115	26,898	***	par_62
NB1	3,073	,115	26,697	***	par_63

Covariances: (Group number 1 - Default model)

	Es玲椀mate	S.E.	C.R.	P	Label
KI <--> KS	,525	,119	4,428	***	par_31

Correlations: (Group number 1 - Default model)

	Es玲椀mate
KI <--> KS	,443

Variances: (Group number 1 - Default model)

	Es玲椀mate	S.E.	C.R.	P	Label
KS	1,448	,215	6,744	***	par_64
KI	,969	,175	5,533	***	par_65
e31	,857	,146	5,859	***	par_66
e32	,921	,134	6,861	***	par_67
e33	1,093	,159	6,857	***	par_68
e7	,427	,062	6,924	***	par_69
e6	,655	,087	7,495	***	par_70
e5	,516	,071	7,293	***	par_71
e4	,491	,068	7,190	***	par_72
e3	,569	,076	7,535	***	par_73
e2	,586	,077	7,624	***	par_74
e1	,564	,074	7,586	***	par_75
e15	,658	,082	8,004	***	par_76
e14	,408	,057	7,190	***	par_77
e13	,594	,076	7,805	***	par_78
e12	,417	,056	7,390	***	par_79
e11	,549	,071	7,767	***	par_80
e10	,421	,058	7,306	***	par_81
e9	,432	,060	7,208	***	par_82
e8	,525	,069	7,654	***	par_83
e16	,537	,078	6,876	***	par_84

e17	,425	,068	6,281	***	par_85
e18	,508	,075	6,747	***	par_86
e19	,439	,071	6,223	***	par_87
e25	,287	,045	6,392	***	par_88
e24	,322	,048	6,750	***	par_89
e23	,529	,071	7,464	***	par_90
e22	,398	,057	7,047	***	par_91
e21	,601	,077	7,772	***	par_92
e20	,602	,078	7,690	***	par_93
e30	,325	,056	5,767	***	par_94
e29	,669	,088	7,600	***	par_95
e28	,409	,064	6,378	***	par_96
e27	,551	,079	6,962	***	par_97
e26	,691	,093	7,452	***	par_98

Squared Multiple Correlations: (Group number 1 - Default model)

	Es培椀mate
MP	,284
KP	,371
NB	,276
NB1	,650
NB2	,718
NB3	,783
NB4	,626
NB5	,823
KP1	,685

	Es培椀mate
KP2	,664
KP3	,779
KP4	,725
KP5	,813
KP6	,836
MP4	,749
MP3	,702
MP2	,747
MP1	,690
KI1	,691
KI2	,765
KI3	,754
KI4	,667
KI5	,742
KI6	,659
KI7	,769
KI8	,595
KS1	,676
KS2	,666
KS3	,683
KS4	,741
KS5	,725
KS6	,695

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Es琀椀mate

KS7 ,772

Matrices (Group number 1 - Default model)

Implied (for all variables) Covariances (Group number 1 - Default model)

KS	1,448																																	
KI	,525	,969																																
MP	,538	,525	1,196																															
KP	,501	,469	,783	1,465																														
NB	,306	,290	,539	,759	1,509																													
NB1	,282	,268	,497	,700	1,392	1,975																												
NB2	,295	,280	,520	,732	1,455	1,342	1,954																											
NB3	,303	,287	,533	,751	1,493	1,377	1,439	1,887																										
NB4	,263	,250	,464	,653	1,298	1,197	1,252	1,285	1,786																									
NB5	,306	,290	,539	,759	1,509	1,392	1,455	1,493	1,298	1,834																								
KP1	,474	,444	,741	1,386	,718	,662	,692	,711	,618	,718	1,913																							
KP2	,451	,422	,705	1,318	,683	,630	,658	,676	,587	,683	1,247	1,786																						
KP3	,490	,459	,766	1,433	,742	,685	,716	,735	,639	,742	1,356	1,289	1,800																					
KP4	,490	,459	,765	1,431	,741	,684	,715	,734	,638	,741	1,354	1,287	1,400	1,927																				
KP5	,490	,459	,765	1,431	,741	,684	,715	,734	,638	,741	1,354	1,287	1,400	1,398	1,719																			
KP6	,501	,469	,783	1,465	,759	,700	,732	,751	,653	,759	1,386	1,318	1,433	1,431	1,431	1,751																		
MP4	,563	,548	1,250	,819	,564	,520	,543	,558	,485	,564	,775	,736	,801	,800	,800	,819	1,746																	
MP3	,538	,525	1,196	,783	,539	,497	,520	,533	,464	,539	,741	,704	,766	,765	,765	,783	1,250	1,704																
MP2	,551	,537	1,225	,802	,552	,509	,532	,546	,475	,552	,759	,721	,785	,783	,783	,802	1,280	1,225	1,679															
MP1	,538	,525	1,196	,783	,539	,497	,520	,533	,464	,539	,741	,705	,766	,765	,765	,783	1,250	1,196	1,225	1,733														
KI1	,578	1,067	,578	,517	,320	,295	,308	,316	,275	,320	,489	,465	,506	,505	,505	,517	,604	,578	,592	,578	1,700													
KI2	,633	1,167	,632	,565	,350	,322	,337	,346	,301	,350	,535	,509	,553	,552	,552	,565	,660	,632	,647	,632	1,285	1,837												
KI3	,607	1,119	,606	,542	,335	,309	,323	,332	,288	,335	,513	,488	,530	,530	,530	,542	,633	,606	,620	,606	1,232	1,348	1,713											
KI4	,560	1,032	,559	,500	,309	,285	,298	,306	,266	,309	,473	,450	,489	,489	,489	,500	,584	,559	,572	,559	1,137	1,243	1,192	1,649										
KI5	,584	1,077	,583	,522	,323	,298	,311	,319	,278	,323	,494	,470	,511	,510	,510	,522	,610	,583	,597	,583	1,186	1,297	1,244	1,148	1,614									
KI6	,571	1,053	,570	,510	,316	,291	,304	,312	,271	,316	,483	,459	,499	,499	,499	,510	,596	,570	,584	,570	1,160	1,269	1,217	1,122	1,171	1,739								
KI7	,622	1,147	,621	,556	,344	,317	,331	,340	,296	,344	,526	,500	,544	,543	,543	,556	,649	,621	,636	,621	1,263	1,382	1,325	1,222	1,275	1,247	1,766							
KI8	,525	,969	,525	,469	,290	,268	,280	,287	,250	,290	,444	,422	,459	,459	,459	,469	,548	,525	,537	,525	1,067	1,167	1,119	1,032	1,077	1,053	1,147	1,627						
KS1	1,304	,473	,485	,451	,276	,254	,266	,273	,237	,276	,427	,406	,442	,441	,441	,451	,507	,485	,496	,485	,521	,570	,546	,504	,526	,514	,560	,473	1,739					
KS2	1,300	,471	,483	,450	,275	,253	,265	,272	,236	,275	,426	,405	,440	,440	,440	,450	,505	,483	,495	,483	,519	,568	,544	,502	,524	,512	,558	,471	1,171	1,752				
KS3	1,333	,483	,495	,461	,282	,260	,272	,279	,242	,282	,437	,415	,451	,451	,451	,461	,518	,495	,507	,495	,532	,582	,558	,515	,537	,525	,572	,483	1,200	1,196	1,796			
KS4	1,428	,518	,530	,494	,302	,278	,291	,299	,260	,302	,468	,445	,483	,483	,483	,494	,555	,530	,543	,530	,570	,624	,598	,552	,576	,563	,613	,518	1,286	1,281	1,314	1,899		
KS5	1,402	,508	,521	,485	,296	,273	,286	,293	,255	,296	,459	,437	,475	,474	,474	,485	,545	,521	,533	,521	,560	,612	,587	,542	,565	,553	,602	,508	1,263	1,258	1,290	1,382	1,873	
KS6	1,468	,532	,546	,508	,310	,286	,299	,307	,267	,310	,481	,457	,497	,497	,497	,508	,570	,546	,559	,546	,586	,641	,615	,567	,592	,579	,630	,532	1,323	1,318	1,351	1,448	1,421	2,144
KS7	1,448	,525	,538	,501	,306	,282	,295	,303	,263	,306	,474	,451	,490	,490	,490	,501	,563	,538	,551	,538	,578	,633	,607	,560	,584	,571	,622	,525	1,304	1,300	1,333	1,428	1,402	1,468	1,876

	KS	KI	MP	KP	NB	NB1	NB2	NB3	NB4	NB5	KP1	KP2	KP3	KP4	KP5	KP6	MP4	MP3	MP2	MP1	KI1	KI2	KI3	KI4	KI5	KI6	KI7	KI8	KS1	KS2	KS3	KS4	KS5	KS6	KS7
KS	1,000																																	
KI	,443	1,000																																
MP	,409	,487	1,000																															
KP	,344	,394	,592	1,000																														
NB	,207	,240	,401	,510	1,000																													
NB1	,167	,193	,324	,412	,806	1,000																												
NB2	,175	,203	,340	,433	,847	,683	1,000																											
NB3	,183	,212	,355	,452	,885	,713	,750	1,000																										
NB4	,164	,190	,317	,404	,791	,638	,670	,700	1,000																									
NB5	,188	,218	,364	,463	,907	,731	,769	,803	,717	1,000																								
KP1	,285	,326	,490	,828	,423	,341	,358	,374	,334	,383	1,000																							
KP2	,280	,321	,482	,815	,416	,335	,352	,368	,329	,377	,674	1,000																						
KP3	,304	,348	,522	,882	,450	,363	,382	,399	,356	,409	,731	,719	1,000																					
KP4	,293	,336	,504	,852	,435	,351	,368	,385	,344	,394	,705	,694	,752	1,000																				
KP5	,310	,355	,533	,902	,460	,371	,390	,407	,364	,418	,746	,734	,796	,768	1,000																			
KP6	,315	,360	,541	,915	,467	,376	,396	,413	,369	,424	,757	,745	,807	,779	,825	1,000																		
MP4	,354	,422	,865	,512	,347	,280	,294	,307	,275	,315	,424	,417	,452	,436	,462	,468	1,000																	
MP3	,343	,408	,838	,496	,336	,271	,285	,298	,266	,305	,410	,404	,437	,422	,447	,453	,725	1,000																
MP2	,353	,421	,864	,511	,347	,280	,294	,307	,274	,315	,423	,417	,451	,436	,461	,468	,748	,724	1,000															
MP1	,340	,405	,831	,492	,333	,269	,282	,295	,264	,302	,407	,400	,434	,419	,443	,450	,719	,696	,718	1,000														
KI1	,369	,831	,405	,328	,200	,161	,169	,177	,158	,181	,271	,267	,289	,279	,295	,300	,351	,339	,350	,337	1,000													
KI2	,388	,875	,426	,345	,210	,169	,178	,186	,166	,190	,285	,281	,304	,294	,311	,315	,369	,357	,368	,354	,727	1,000												
KI3	,385	,869	,423	,342	,208	,168	,177	,184	,165	,189	,283	,279	,302	,292	,309	,313	,366	,355	,366	,352	,722	,760	1,000											
KI4	,362	,817	,398	,322	,196	,158	,166	,173	,155	,178	,267	,262	,284	,274	,290	,294	,344	,334	,344	,331	,679	,714	,710	1,000										
KI5	,382	,861	,420	,339	,207	,167	,175	,183	,163	,188	,281	,277	,300	,289	,306	,310	,363	,352	,363	,349	,716	,753	,748	,703	1,000									
KI6	,360	,812	,396	,320	,195	,157	,165	,172	,154	,177	,265	,261	,282	,272	,288	,293	,342	,331	,342	,329	,675	,710	,705	,663	,699	1,000								
KI7	,389	,877	,427	,346	,210	,170	,178	,186	,166	,191	,286	,282	,305	,294	,312	,316	,370	,358	,369	,355	,729	,767	,762	,716	,755	,712	1,000							
KI8	,342	,772	,376	,304	,185	,149	,157	,164	,146	,168	,252	,248	,268	,259	,274	,278	,325	,315	,325	,312	,641	,675	,670	,630	,665	,626	,677	1,000						
KS1	,822	,364	,336	,283	,170	,137	,144	,151	,135	,154	,234	,230	,250	,241	,255	,259	,291	,282	,290	,279	,303	,319	,317	,298	,314	,296	,320	,281	1,000					
KS2	,816	,362	,334	,281	,169	,136	,143	,150	,134	,153	,233	,229	,248	,239	,253	,257	,289	,280	,288	,277	,301	,316	,314	,295	,312	,294	,317	,279	,671	1,000				
KS3	,827	,366	,338	,284	,171	,138	,145	,151	,135	,155	,236	,232	,251	,242	,256	,260	,292	,283	,292	,281	,305	,320	,318	,299	,316	,297	,321	,283	,679	,674	1,000			
KS4	,861	,382	,352	,296	,178	,144	,151	,158	,141	,162	,245	,241	,262	,252	,267	,271	,305	,295	,304	,292	,317	,334	,332	,312	,329	,310	,335	,295	,708	,702	,712	1,000		
KS5	,851	,377	,348	,293	,176	,142	,149	,156	,139	,160	,243	,239	,259	,250	,264	,268	,301	,292	,301	,289	,314	,330	,328	,308	,325	,306	,331	,291	,700	,695	,704	,733	1,000	
KS6	,833	,369	,341	,287	,173	,139	,146	,153	,136	,157	,237	,234	,253	,244	,259	,262	,295	,285	,294	,283	,307	,323	,321	,302	,318	,300	,324	,285	,685	,680	,689	,717	,709	1,000
KS7	,879	,390	,359	,302	,182	,147	,154	,161	,144	,165	,250	,246	,267	,258	,273	,277	,311	,301	,311	,298	,324	,341	,338	,318	,336	,316	,342	,301	,722	,717	,726	,757	,748	,732	1,000

Implied Covariances (Group number 1 - Default model)

	NB1	NB2	NB3	NB4	NB5	KP1	KP2	KP3	KP4	KP5	KP6	MP4	MP3	MP2	MP1	KI1	KI2	KI3	KI4	KI5	KI6	KI7	KI8	KS1	KS2	KS3	KS4	KS5	KS6	KS7
NB1	1,975																													
NB2	1,342	1,954																												
NB3	1,377	1,439	1,887																											
NB4	1,197	1,252	1,285	1,786																										
NB5	1,392	1,455	1,493	1,298	1,834																									
KP1	,662	,692	,711	,618	,718	1,913																								
KP2	,630	,658	,676	,587	,683	1,247	1,786																							
KP3	,685	,716	,735	,639	,742	1,356	1,289	1,800																						
KP4	,684	,715	,734	,638	,741	1,354	1,287	1,400	1,927																					
KP5	,684	,715	,734	,638	,741	1,354	1,287	1,400	1,398	1,719																				
KP6	,700	,732	,751	,653	,759	1,386	1,318	1,433	1,431	1,431	1,751																			
MP4	,520	,543	,558	,485	,564	,775	,736	,801	,800	,800	,819	1,746																		
MP3	,497	,520	,533	,464	,539	,741	,704	,766	,765	,765	,783	1,250	1,704																	
MP2	,509	,532	,546	,475	,552	,759	,721	,785	,783	,783	,802	1,280	1,225	1,679																
MP1	,497	,520	,533	,464	,539	,741	,705	,766	,765	,765	,783	1,250	1,196	1,225	1,733															
KI1	,295	,308	,316	,275	,320	,489	,465	,506	,505	,505	,517	,604	,578	,592	,578	1,700														
KI2	,322	,337	,346	,301	,350	,535	,509	,553	,552	,552	,565	,660	,632	,647	,632	1,285	1,837													
KI3	,309	,323	,332	,288	,335	,513	,488	,530	,530	,530	,542	,633	,606	,620	,606	1,232	1,348	1,713												
KI4	,285	,298	,306	,266	,309	,473	,450	,489	,489	,489	,500	,584	,559	,572	,559	1,137	1,243	1,192	1,649											
KI5	,298	,311	,319	,278	,323	,494	,470	,511	,510	,510	,522	,610	,583	,597	,583	1,186	1,297	1,244	1,148	1,614										
KI6	,291	,304	,312	,271	,316	,483	,459	,499	,499	,499	,510	,596	,570	,584	,570	1,160	1,269	1,217	1,122	1,171	1,739									
KI7	,317	,331	,340	,296	,344	,526	,500	,544	,543	,543	,556	,649	,621	,636	,621	1,263	1,382	1,325	1,222	1,275	1,247	1,766								
KI8	,268	,280	,287	,250	,290	,444	,422	,459	,459	,459	,469	,548	,525	,537	,525	1,067	1,167	1,119	1,032	1,077	1,053	1,147	1,627							
KS1	,254	,266	,273	,237	,276	,427	,406	,442	,441	,441	,451	,507	,485	,496	,485	,521	,570	,546	,504	,526	,514	,560	,473	1,739						
KS2	,253	,265	,272	,236	,275	,426	,405	,440	,440	,440	,450	,505	,483	,495	,483	,519	,568	,544	,502	,524	,512	,558	,471	1,171	1,752					
KS3	,260	,272	,279	,242	,282	,437	,415	,451	,451	,451	,461	,518	,495	,507	,495	,532	,582	,558	,515	,537	,525	,572	,483	1,200	1,196	1,796				
KS4	,278	,291	,299	,260	,302	,468	,445	,483	,483	,483	,494	,555	,530	,543	,530	,570	,624	,598	,552	,576	,563	,613	,518	1,286	1,281	1,314	1,899			
KS5	,273	,286	,293	,255	,296	,459	,437	,475	,474	,474	,485	,545	,521	,533	,521	,560	,612	,587	,542	,565	,553	,602	,508	1,263	1,258	1,290	1,382	1,873		
KS6	,286	,299	,307	,267	,310	,481	,457	,497	,497	,497	,508	,570	,546	,559	,546	,586	,641	,615	,567	,592	,579	,630	,532	1,323	1,318	1,351	1,448	1,421	2,144	
KS7	,282	,295	,303	,263	,306	,474	,451	,490	,490	,490	,501	,563	,538	,551	,538	,578	,633	,607	,560	,584	,571	,622	,525	1,304	1,300	1,333	1,428	1,402	1,468	1,876

Implied Correlations (Group number 1 - Default model)

	NB1	NB2	NB3	NB4	NB5	KP1	KP2	KP3	KP4	KP5	KP6	MP4	MP3	MP2	MP1	KI1	KI2	KI3	KI4	KI5	KI6	KI7	KI8	KS1	KS2	KS3	KS4	KS5	KS6	KS7
NB1	1,000																													
NB2	,683	1,000																												
NB3	,713	,750	1,000																											
NB4	,638	,670	,700	1,000																										
NB5	,731	,769	,803	,717	1,000																									
KP1	,341	,358	,374	,334	,383	1,000																								
KP2	,335	,352	,368	,329	,377	,674	1,000																							
KP3	,363	,382	,399	,356	,409	,731	,719	1,000																						
KP4	,351	,368	,385	,344	,394	,705	,694	,752	1,000																					
KP5	,371	,390	,407	,364	,418	,746	,734	,796	,768	1,000																				
KP6	,376	,396	,413	,369	,424	,757	,745	,807	,779	,825	1,000																			
MP4	,280	,294	,307	,275	,315	,424	,417	,452	,436	,462	,468	1,000																		
MP3	,271	,285	,298	,266	,305	,410	,404	,437	,422	,447	,453	,725	1,000																	
MP2	,280	,294	,307	,274	,315	,423	,417	,451	,436	,461	,468	,748	,724	1,000																
MP1	,269	,282	,295	,264	,302	,407	,400	,434	,419	,443	,450	,719	,696	,718	1,000															
KI1	,161	,169	,177	,158	,181	,271	,267	,289	,279	,295	,300	,351	,339	,350	,337	1,000														
KI2	,169	,178	,186	,166	,190	,285	,281	,304	,294	,311	,315	,369	,357	,368	,354	,727	1,000													
KI3	,168	,177	,184	,165	,189	,283	,279	,302	,292	,309	,313	,366	,355	,366	,352	,722	,760	1,000												
KI4	,158	,166	,173	,155	,178	,267	,262	,284	,274	,290	,294	,344	,334	,344	,331	,679	,714	,710	1,000											
KI5	,167	,175	,183	,163	,188	,281	,277	,300	,289	,306	,310	,363	,352	,363	,349	,716	,753	,748	,703	1,000										
KI6	,157	,165	,172	,154	,177	,265	,261	,282	,272	,288	,293	,342	,331	,342	,329	,675	,710	,705	,663	,699	1,000									
KI7	,170	,178	,186	,166	,191	,286	,282	,305	,294	,312	,316	,370	,358	,369	,355	,729	,767	,762	,716	,755	,712	1,000								
KI8	,149	,157	,164	,146	,168	,252	,248	,268	,259	,274	,278	,325	,315	,325	,312	,641	,675	,670	,630	,665	,626	,677	1,000							
KS1	,137	,144	,151	,135	,154	,234	,230	,250	,241	,255	,259	,291	,282	,290	,279	,303	,319	,317	,298	,314	,296	,320	,281	1,000						
KS2	,136	,143	,150	,134	,153	,233	,229	,248	,239	,253	,257	,289	,280	,288	,277	,301	,316	,314	,295	,312	,294	,317	,279	,671	1,000					
KS3	,138	,145	,151	,135	,155	,236	,232	,251	,242	,256	,260	,292	,283	,292	,281	,305	,320	,318	,299	,316	,297	,321	,283	,679	,674	1,000				
KS4	,144	,151	,158	,141	,162	,245	,241	,262	,252	,267	,271	,305	,295	,304	,292	,317	,334	,332	,312	,329	,310	,335	,295	,708	,702	,712	1,000			
KS5	,142	,149	,156	,139	,160	,243	,239	,259	,250	,264	,268	,301	,292	,301	,289	,314	,330	,328	,308	,325	,306	,331	,291	,700	,695	,704	,733	1,000		
KS6	,139	,146	,153	,136	,157	,237	,234	,253	,244	,259	,262	,295	,285	,294	,283	,307	,323	,321	,302	,318	,300	,324	,285	,685	,680	,689	,717	,709	1,000	
KS7	,147	,154	,161	,144	,165	,250	,246	,267	,258	,273	,277	,311	,301	,311	,298	,324	,341	,338	,318	,336	,316	,342	,301	,722	,717	,726	,757	,748	,732	1,000

Implied Means (Group number 1 - Default model)

NB1	NB2	NB3	NB4	NB5	KP1	KP2	KP3	KP4	KP5	KP6	MP4	MP3	MP2	MP1	KI1	KI2	KI3	KI4	KI5	KI6	KI7	KI8	KS1	KS2	KS3	KS4	KS5	KS6	KS7
3,073	3,080	2,993	3,120	3,080	2,993	2,913	3,000	2,920	3,027	2,953	3,087	3,053	3,027	3,000	3,007	3,053	3,020	2,867	2,840	2,967	2,980	3,000	3,033	2,967	2,933	2,967	3,020	3,053	2,933

UNDIKSHA

Standardized Residual Covariances (Group number 1 - Default model)

	NB1	NB2	NB3	NB4	NB5	KP1	KP2	KP3	KP4	KP5	KP6	MP4	MP3	MP2	MP1	KI1	KI2	KI3	KI4	KI5	KI6	KI7	KI8	KS1	KS2	KS3	KS4	KS5	KS6	KS7
NB1	,000																													
NB2	,235	,000																												
NB3	,087	-,367	,000																											
NB4	,222	,320	-,093	,000																										
NB5	-,264	-,040	,209	-,080	,000																									
KP1	-,724	,406	-1,147	-1,819	-,553	,000																								
KP2	-,595	-,275	-,808	-2,145	-,310	,398	,000																							
KP3	-,475	,715	-,500	-1,660	-,306	,022	,245	,000																						
KP4	,800	1,328	,991	-,300	,836	-,213	-,256	,316	,000																					
KP5	,545	1,095	,000	-,574	,189	-,037	-,176	,002	-,189	,000																				
KP6	-,101	,852	-,111	-,781	,406	,002	,065	-,211	,029	,130	,000																			
MP4	-,967	-,023	,533	-,591	-,502	,282	-,397	-,298	,166	,670	,034	,000																		
MP3	-,264	,832	,828	,202	-,507	,496	-,259	,089	,202	,610	-,004	-,085	,000																	
MP2	-1,062	,381	,353	-,803	-,050	,468	-,428	-,413	,116	-,331	,081	-,015	,003	,000																
MP1	-,407	,682	-,087	-,294	-,344	,200	-,630	-,208	,174	,054	-,702	-,020	,023	,127	,000															
KI1	,251	1,220	,966	-,432	,544	-,539	-,707	,274	,664	-,446	-,293	,238	-1,163	-,580	-1,242	,000														
KI2	,508	2,234	2,199	1,194	1,826	-,092	-,286	,472	1,028	,478	,413	1,033	,598	,379	-,162	,232	,000													
KI3	,367	1,678	1,570	1,257	1,511	-,300	-,310	-,380	1,195	,112	,350	1,049	,178	-,322	-,084	,200	-,194	,000												
KI4	,699	1,247	,590	-,446	,655	-,626	-,286	-,337	1,149	,150	-,045	,412	-,405	,031	-,588	,507	-,207	-,255	,000											
KI5	,141	1,998	1,191	,721	,954	-1,036	-,947	-,850	,292	-,506	-,805	,393	-,241	-,462	-,344	-,189	-,238	,270	,026	,000										
KI6	-,186	,208	-,171	-,644	-,266	-,711	-,818	-,173	,420	-,075	-,349	,133	-,327	-,743	-1,049	,002	-,113	-,169	,079	,141	,000									
KI7	-,013	1,232	1,577	,860	1,586	,046	,209	,063	,902	,474	,109	1,342	-,221	,384	-,007	-,396	,320	,050	,087	-,029	-,120	,000								
KI8	,488	1,761	1,143	1,396	1,277	-,833	-1,036	-,087	,365	-,037	-,484	-,287	-,032	-,870	-1,373	-,124	,038	,007	-,204	,144	,493	-,161	,000							
KS1	1,457	2,261	1,649	1,365	1,588	-,046	,023	-,502	,010	,489	-,609	,071	-,271	-1,078	-,393	-,913	-,508	-,316	,372	-,281	-,447	-,393	-,789	,000						
KS2	1,013	2,206	1,337	,600	1,355	-,567	,487	,088	,244	,782	,867	1,015	,536	,088	1,060	-,398	,351	-,115	-,276	,120	,267	-,432	-,775	-,210	,000					
KS3	,332	1,680	1,055	,579	1,044	-,280	-,935	-1,260	-1,378	-,778	-,696	-,035	1,086	-,351	-,146	-,657	,265	-,156	,245	-,054	,170	-,436	-,435	-,370	,199	,000				
KS4	1,066	1,661	1,112	,948	1,125	-,090	-,349	-,703	-,570	-,012	-,102	-,203	,074	-,931	-,627	-1,143	-,383	-,496	-,765	-,491	,231	-,844	-,606	,084	,278	,129	,000			
KS5	1,458	2,226	1,200	,811	1,531	-,370	-,745	-1,296	-,784	-,008	-,940	-,256	,250	-,927	-,744	-,434	,167	-,135	,847	,299	,224	-,179	-,324	,241	-,393	,460	-,216	,000		
KS6	2,252	2,655	1,640	,741	1,979	,817	,774	,418	,512	1,080	,777	1,241	1,095	,163	,209	,122	,678	,590	,702	,896	,905	,342	,634	-,196	,158	-,279	,102	,020	,000	
KS7	1,773	2,376	1,559	,715	1,770	,741	,755	,318	,238	,648	,015	-,366	,428	-,193	-,247	,318	,401	,138	1,046	,391	,860	,192	,635	,317	-,085	-,129	-,120	-,003	-,024	,000

Standardized Residual Means (Group number 1 - Default model)

NB1	NB2	NB3	NB4	NB5	KP1	KP2	KP3	KP4	KP5	KP6	MP4	MP3	MP2	MP1	KI1	KI2	KI3	KI4	KI5	KI6	KI7	KI8	KS1	KS2	KS3	KS4	KS5	KS6	KS7
,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000

Factor Score Weights (Group number 1 - Default model)

	NB1	NB2	NB3	NB4	NB5	KP1	KP2	KP3	KP4	KP5	KP6	MP4	MP3	MP2	MP1	KI1	KI2	KI3	KI4	KI5	KI6	KI7	KI8	KS1	KS2	KS3	KS4	KS5	KS6	KS7
KS	,000	,000	,000	,000	,000	,001	,001	,001	,001	,002	,002	,004	,003	,004	,003	,003	,003	,003	,002	,003	,002	,004	,002	,124	,119	,125	,155	,145	,120	,181
KI	,000	,000	,000	,000	,000	,001	,001	,001	,001	,002	,002	,004	,004	,003	,094	,125	,123	,087	,120	,082	,130	,068	,002	,002	,002	,002	,002	,002	,002	,003
MP	,002	,003	,004	,002	,005	,006	,005	,009	,007	,011	,013	,232	,191	,234	,181	,004	,005	,005	,004	,005	,003	,005	,003	,003	,002	,003	,003	,003	,002	,004
KP	,003	,005	,006	,003	,008	,107	,102	,167	,126	,206	,237	,009	,007	,009	,007	,001	,001	,001	,001	,001	,002	,001	,001	,001	,001	,001	,001	,001	,001	,001
NB	,128	,168	,232	,124	,296	,004	,004	,006	,005	,008	,009	,004	,003	,004	,003	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000

Total Effects (Group number 1 - Default model)

	KS	KI	MP	KP	NB
MP	,218	,423	,000	,000	,000
KP	,212	,370	,555	,000	,000
NB	,128	,230	,408	,426	,000
NB1	,118	,212	,376	,393	,922
NB2	,123	,222	,393	,411	,964
NB3	,127	,228	,404	,422	,989
NB4	,110	,198	,351	,367	,860
NB5	,128	,230	,408	,426	1,000
KP1	,201	,350	,525	,946	,000
KP2	,191	,333	,499	,900	,000
KP3	,208	,362	,543	,978	,000
KP4	,207	,361	,542	,977	,000
KP5	,207	,361	,542	,977	,000
KP6	,212	,370	,555	1,000	,000
MP4	,228	,442	1,045	,000	,000
MP3	,218	,423	1,000	,000	,000
MP2	,223	,434	1,024	,000	,000
MP1	,218	,423	1,000	,000	,000
KI1	,000	1,101	,000	,000	,000
KI2	,000	1,205	,000	,000	,000
KI3	,000	1,155	,000	,000	,000
KI4	,000	1,066	,000	,000	,000
KI5	,000	1,112	,000	,000	,000
KI6	,000	1,087	,000	,000	,000
KI7	,000	1,184	,000	,000	,000

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	KS	KI	MP	KP	NB
KI8	,000	1,000	,000	,000	,000
KS1	,901	,000	,000	,000	,000
KS2	,898	,000	,000	,000	,000
KS3	,920	,000	,000	,000	,000
KS4	,986	,000	,000	,000	,000
KS5	,968	,000	,000	,000	,000
KS6	1,014	,000	,000	,000	,000
KS7	1,000	,000	,000	,000	,000

Standardized Total Effects (Group number 1 - Default model)

	KS	KI	MP	KP	NB
MP	,240	,381	,000	,000	,000
KP	,211	,301	,501	,000	,000
NB	,125	,184	,363	,420	,000
NB1	,101	,149	,293	,339	,806
NB2	,106	,156	,308	,356	,847
NB3	,111	,163	,321	,372	,885
NB4	,099	,146	,287	,332	,791
NB5	,114	,167	,330	,381	,907
KP1	,175	,249	,415	,828	,000
KP2	,172	,245	,408	,815	,000
KP3	,186	,265	,442	,882	,000
KP4	,180	,256	,427	,852	,000
KP5	,190	,271	,452	,902	,000
KP6	,193	,275	,458	,915	,000
MP4	,208	,330	,865	,000	,000

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	KS	KI	MP	KP	NB
MP3	,201	,319	,838	,000	,000
MP2	,207	,329	,864	,000	,000
MP1	,199	,316	,831	,000	,000
KI1	,000	,831	,000	,000	,000
KI2	,000	,875	,000	,000	,000
KI3	,000	,869	,000	,000	,000
KI4	,000	,817	,000	,000	,000
KI5	,000	,861	,000	,000	,000
KI6	,000	,812	,000	,000	,000
KI7	,000	,877	,000	,000	,000
KI8	,000	,772	,000	,000	,000
KS1	,822	,000	,000	,000	,000
KS2	,816	,000	,000	,000	,000
KS3	,827	,000	,000	,000	,000
KS4	,861	,000	,000	,000	,000
KS5	,851	,000	,000	,000	,000
KS6	,833	,000	,000	,000	,000
KS7	,879	,000	,000	,000	,000

Direct Effects (Group number 1 - Default model)

	KS	KI	MP	KP	NB
MP	,218	,423	,000	,000	,000
KP	,091	,135	,555	,000	,000
NB	,000	,000	,172	,426	,000
NB1	,000	,000	,000	,000	,922
NB2	,000	,000	,000	,000	,964

	KS	KI	MP	KP	NB
NB3	,000	,000	,000	,000	,989
NB4	,000	,000	,000	,000	,860
NB5	,000	,000	,000	,000	1,000
KP1	,000	,000	,000	,946	,000
KP2	,000	,000	,000	,900	,000
KP3	,000	,000	,000	,978	,000
KP4	,000	,000	,000	,977	,000
KP5	,000	,000	,000	,977	,000
KP6	,000	,000	,000	1,000	,000
MP4	,000	,000	1,045	,000	,000
MP3	,000	,000	1,000	,000	,000
MP2	,000	,000	1,024	,000	,000
MP1	,000	,000	1,000	,000	,000
KI1	,000	1,101	,000	,000	,000
KI2	,000	1,205	,000	,000	,000
KI3	,000	1,155	,000	,000	,000
KI4	,000	1,066	,000	,000	,000
KI5	,000	1,112	,000	,000	,000
KI6	,000	1,087	,000	,000	,000
KI7	,000	1,184	,000	,000	,000
KI8	,000	1,000	,000	,000	,000
KS1	,901	,000	,000	,000	,000
KS2	,898	,000	,000	,000	,000
KS3	,920	,000	,000	,000	,000
KS4	,986	,000	,000	,000	,000

	KS	KI	MP	KP	NB
KS5	,968	,000	,000	,000	,000
KS6	1,014	,000	,000	,000	,000
KS7	1,000	,000	,000	,000	,000

Standardized Direct Effects (Group number 1 - Default model)

	KS	KI	MP	KP	NB
MP	,240	,381	,000	,000	,000
KP	,091	,110	,501	,000	,000
NB	,000	,000	,153	,420	,000
NB1	,000	,000	,000	,000	,806
NB2	,000	,000	,000	,000	,847
NB3	,000	,000	,000	,000	,885
NB4	,000	,000	,000	,000	,791
NB5	,000	,000	,000	,000	,907
KP1	,000	,000	,000	,828	,000
KP2	,000	,000	,000	,815	,000
KP3	,000	,000	,000	,882	,000
KP4	,000	,000	,000	,852	,000
KP5	,000	,000	,000	,902	,000
KP6	,000	,000	,000	,915	,000
MP4	,000	,000	,865	,000	,000
MP3	,000	,000	,838	,000	,000
MP2	,000	,000	,864	,000	,000
MP1	,000	,000	,831	,000	,000
KI1	,000	,831	,000	,000	,000

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	KS	KI	MP	KP	NB
KI2	,000	,875	,000	,000	,000
KI3	,000	,869	,000	,000	,000
KI4	,000	,817	,000	,000	,000
KI5	,000	,861	,000	,000	,000
KI6	,000	,812	,000	,000	,000
KI7	,000	,877	,000	,000	,000
KI8	,000	,772	,000	,000	,000
KS1	,822	,000	,000	,000	,000
KS2	,816	,000	,000	,000	,000
KS3	,827	,000	,000	,000	,000
KS4	,861	,000	,000	,000	,000
KS5	,851	,000	,000	,000	,000
KS6	,833	,000	,000	,000	,000
KS7	,879	,000	,000	,000	,000

Indirect Effects (Group number 1 - Default model)

	KS	KI	MP	KP	NB
MP	,000	,000	,000	,000	,000
KP	,121	,235	,000	,000	,000
NB	,128	,230	,237	,000	,000
NB1	,118	,212	,376	,393	,000
NB2	,123	,222	,393	,411	,000
NB3	,127	,228	,404	,422	,000
NB4	,110	,198	,351	,367	,000
NB5	,128	,230	,408	,426	,000
KP1	,201	,350	,525	,000	,000

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	KS	KI	MP	KP	NB
KP2	,191	,333	,499	,000	,000
KP3	,208	,362	,543	,000	,000
KP4	,207	,361	,542	,000	,000
KP5	,207	,361	,542	,000	,000
KP6	,212	,370	,555	,000	,000
MP4	,228	,442	,000	,000	,000
MP3	,218	,423	,000	,000	,000
MP2	,223	,434	,000	,000	,000
MP1	,218	,423	,000	,000	,000
KI1	,000	,000	,000	,000	,000
KI2	,000	,000	,000	,000	,000
KI3	,000	,000	,000	,000	,000
KI4	,000	,000	,000	,000	,000
KI5	,000	,000	,000	,000	,000
KI6	,000	,000	,000	,000	,000
KI7	,000	,000	,000	,000	,000
KI8	,000	,000	,000	,000	,000
KS1	,000	,000	,000	,000	,000
KS2	,000	,000	,000	,000	,000
KS3	,000	,000	,000	,000	,000
KS4	,000	,000	,000	,000	,000
KS5	,000	,000	,000	,000	,000
KS6	,000	,000	,000	,000	,000
KS7	,000	,000	,000	,000	,000

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Standardized Indirect Effects (Group number 1 - Default model)

	KS	KI	MP	KP	NB
MP	,000	,000	,000	,000	,000
KP	,120	,191	,000	,000	,000
NB	,125	,184	,211	,000	,000
NB1	,101	,149	,293	,339	,000
NB2	,106	,156	,308	,356	,000
NB3	,111	,163	,321	,372	,000
NB4	,099	,146	,287	,332	,000
NB5	,114	,167	,330	,381	,000
KP1	,175	,249	,415	,000	,000
KP2	,172	,245	,408	,000	,000
KP3	,186	,265	,442	,000	,000
KP4	,180	,256	,427	,000	,000
KP5	,190	,271	,452	,000	,000
KP6	,193	,275	,458	,000	,000
MP4	,208	,330	,000	,000	,000
MP3	,201	,319	,000	,000	,000
MP2	,207	,329	,000	,000	,000
MP1	,199	,316	,000	,000	,000
KI1	,000	,000	,000	,000	,000
KI2	,000	,000	,000	,000	,000
KI3	,000	,000	,000	,000	,000
KI4	,000	,000	,000	,000	,000

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	KS	KI	MP	KP	NB
KI5	,000	,000	,000	,000	,000
KI6	,000	,000	,000	,000	,000
KI7	,000	,000	,000	,000	,000
KI8	,000	,000	,000	,000	,000
KS1	,000	,000	,000	,000	,000
KS2	,000	,000	,000	,000	,000
KS3	,000	,000	,000	,000	,000
KS4	,000	,000	,000	,000	,000
KS5	,000	,000	,000	,000	,000
KS6	,000	,000	,000	,000	,000
KS7	,000	,000	,000	,000	,000

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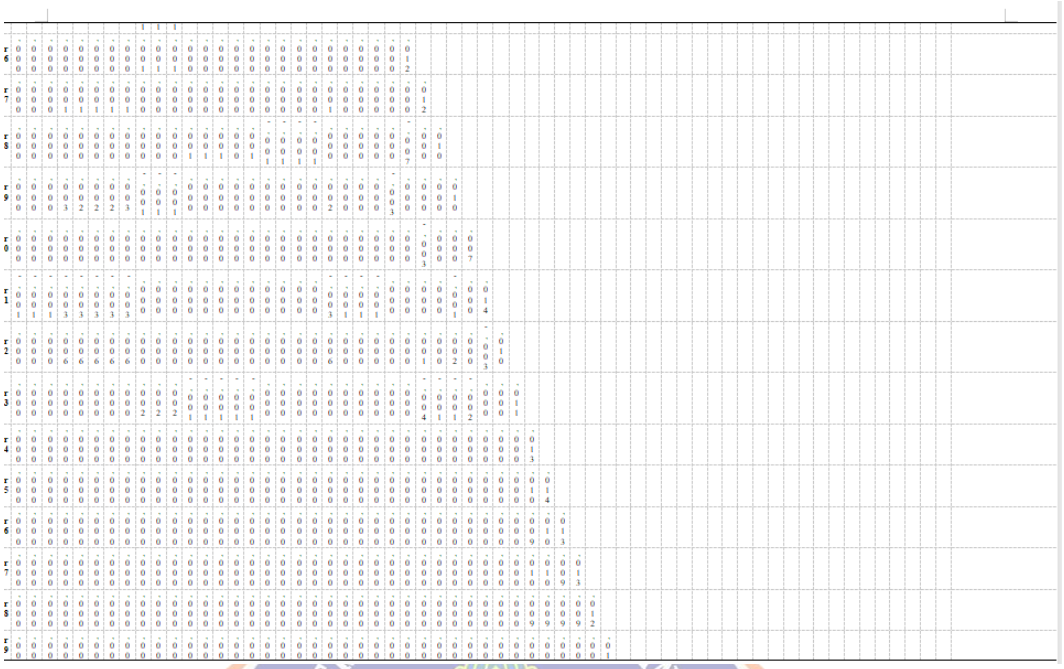
Minimization History (Default model)

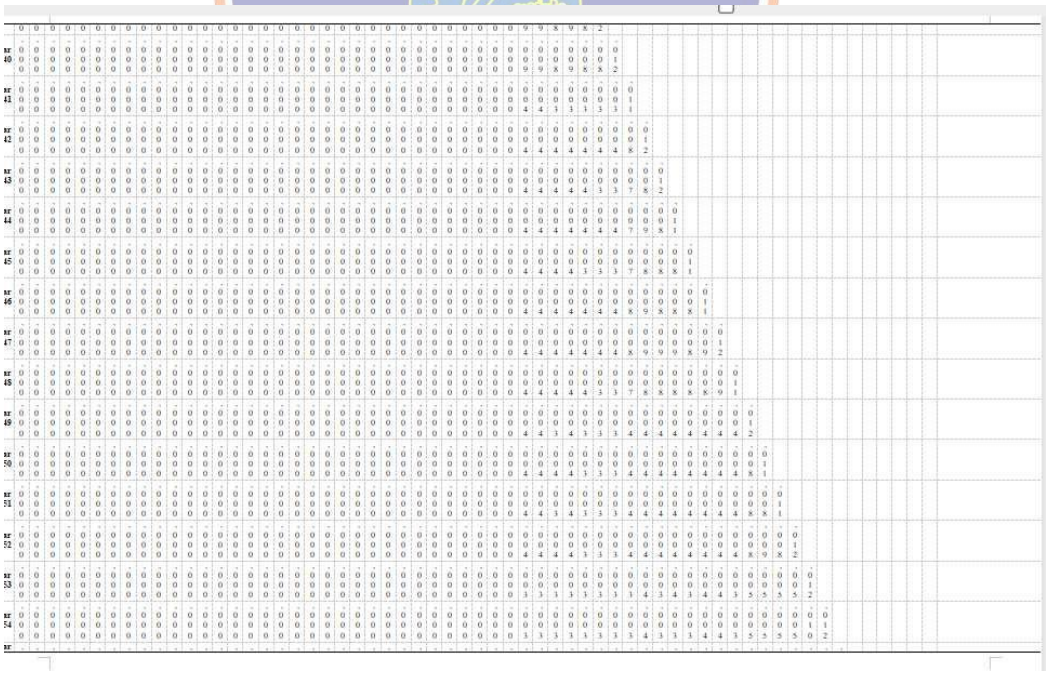
Itera珱椀on		Nega珱椀ve eigenvalues	Condi珱椀on #	Smallest eigenvalue	Diameter	F	NTries	Ra珱椀o
0	e	10		-1,410	9999,000	4136,950	0	9999,000
1	e*	27		-,393	6,099	1904,141	20	,197
2	e*	10		-,259	1,357	1124,906	5	,929
3	e	2		-,087	,965	759,829	5	,845
4	e	1		-,041	1,613	580,652	7	,699
5	e	0	222,888		1,045	495,291	5	,944
6	e	0	231,673		,299	486,058	1	1,014

7	e	0	224,973	,125	484,938	1	1,093
8	e	0	227,448	,023	484,903	1	1,031
9	e	0	234,288	,001	484,903	1	1,002
10	e	0	239,490	,000	484,903	1	1,000

Pairwise Parameter Comparisons (Default model)

Variance-covariance Matrix of Estimates (Default model)





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5	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.003	.003	.003	.003	.003	.003	.003	.003	.004	.003	.003	.003	.004	.004	.003	.005	.005	.005	.005	.010	.009	.009	.012						
7	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.005	.005	.005	.005	.009	.009	.009	.009	.012					
8	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.003	.003	.003	.003	.003	.003	.003	.003	.004	.003	.003	.003	.003	.004	.003	.005	.005	.005	.005	.009	.009	.009	.009	.008	.013				
9	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.004	.004	.004	.004	.005	.005	.005	.005	.005	.005	.012			
0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.003	.003	.003	.004	.004	.004	.004	.004	.004	.009	.012		
1	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.004	.004	.004	.004	.005	.005	.005	.005	.005	.005	.010	.009	.013	
2	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.004	.003	.004	.005	.005	.005	.005	.004	.005	.010	.008	.010	
3	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.003	.003	.003	.005	.005	.005	.005	.004	.004	.009	.008	.009	
4	-.006	-.006	-.006	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	-.006	-.006	-.006	-.001	.000	.000	.000	.000	.000	.014	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	
5	.000	.000	.000	-.011	-.010	-.010	-.010	-.011	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	-.011	.000	.000	.000	.000	.000	-.001	.000	-.004	.000	.012	-.010	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	
5	.000	.000	.000	.000	.000	.000	.000	.000	-.006	-.006	-.006	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	-.001	.001	.000	.002	.000	.000	.000	-.004	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	
7	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	-.003	-.003	-.003	-.002	-.003	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	-.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,00
8	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	-.003	-.004	-.004	-.003	.000	.000	.000	.000	.000	.000	.000	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,00
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	,000,000 -,00

	01	01	01	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	01	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
par_70	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	-.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000
par_71	-.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000
par_72	.000	-.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,00
par_73	.000	.000	-.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,00
par_74	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	-.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,00
par_75	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,00
par_76	.000	.000	.000	.001	.000	.001	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,001 ,000 ,000 ,000 ,000 ,00
par_77	.000	.000	.000	-.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,00 0
par_78	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,00 0 ,000
par_79	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,00 0 ,000 ,000
par_80	.000	.000	.000	.000	.000	.000	-.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,00 0 ,000 ,000 ,000
par_81	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,00 0 ,000 ,000 ,000 ,000
par_82	.000	.000	.000	.000	.000	.000	.000	-.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,00 0 ,000 ,000 ,000 ,000 ,000

ar 83	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	-.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,00 0 ,000 ,000 ,000 ,000 ,000 ,
ar 84	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,002 ,000 ,000 ,000 ,000 ,00 0 ,000 ,000 ,000
ar 85	.000	.000	.000	.000	.000	.000	.000	.000	-.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,00 0 ,000 ,000 ,000 ,000 ,000 ,
ar 86	.000	.000	.000	.000	.000	.000	.000	.000	.000	-.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,00 0 ,000 ,000 ,000 ,000 ,000 ,
ar 87	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	-.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,001 ,00 0 ,000 ,000 ,000 ,000 ,000 , 0
ar 88	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,001 ,000 ,000 ,000 ,000 ,00 0 ,000 ,000 ,000 ,000 ,000 ,
ar 89	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,00 0 ,000 ,000 ,000 ,000 ,000 , 000 ,000
ar 90	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,00 0 ,000 ,000 ,000 ,000 ,000 , 000 ,000 ,000
ar 91	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,00 0 ,000 ,000 ,000 ,000 ,000 , 000 ,000 ,000 ,000
ar 92	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,00 0 ,000 ,000 ,000 ,000 ,000 , 000 ,000 ,000 ,000 ,000
ar 93	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,00 0 ,000 ,000 ,000 ,000 ,000 , 000 ,000 ,000 ,000 ,000 ,00
ar 94	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,(,001 ,000 ,000 ,000 ,000 ,00 0 ,000 ,000 ,000 ,000 ,000 , 000
ar 95	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	-.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,00 0 ,000 ,000 ,000 ,000 ,000 , 000 ,000 ,000 ,000 ,000 ,00
ar 96	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	-.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,00 0 ,000 ,000 ,000 ,000 ,000 , 000 ,000 ,000 ,000 ,000 ,00
par_97	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	-.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,0 0 ,000 ,000 ,000 ,000 ,000 000 ,000 ,000 ,000 ,000 ,0
par_98	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	-.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,000,000 ,000 ,000 ,000 ,0 0 ,000 ,000 ,000 ,000 ,000 000 ,000 ,000 ,000 ,000 ,0 0

Variance-covariance Matrix of Estimates (Default model)

Correlations of Estimates (Default model)

Correlations of Estimates (Default model)

	par_1	par_2	par_3	par_4	par_5	par_6	par_7	par_8	par_9	par_10	par_11	par_12	par_13	par_14	par_15	par_16	par_17	par_18	par_19	par_20	par_21	par_22	par_23	par_24	par_25	par_26	par_27	par_28	par_29	par_30	par_31	par_32	par_33	par_34	par_35	par_36	par_37	par_38	par_39	par_40	par_41	par_42	par_43	par_44	par_45	par_46	par_47	par_48	par_49	par_50	par_51	par_52	par_53	par_54	par_55	par_56	par_57	par_58	par_59	par_60	par_61	par_62par_ par_69 par_ par_76 par_ par_83 par_ par_90 par_
par_1	1.000																																																													
par_2	.446	1.000																																																											
par_3	.426	.431	1.000																																																								
par_4	.000	.000	.000	1.000																																																						
par_5	.000	.000	.000	.622	1.000																																																				
par_6	.000	.000	.000	.674	.610	1.000																																																		
par_7	.000	.000	.000	.632	.571	.616	1.000																																																	
par_8	.000	.000	.000	.693	.619	.668	.627	1.00																																															

	par_1	par_2	par_3	par_4	par_5	par_6	par_7	par_8	par_9	par_10	par_11	par_12	par_13	par_14	par_15	par_16	par_17	par_18	par_19	par_20	par_21	par_22	par_23	par_24	par_25	par_26	par_27	par_28	par_29	par_30	par_31	par_32	par_33	par_34	par_35	par_36	par_37	par_38	par_39	par_40	par_41	par_42	par_43	par_44	par_45	par_46	par_47	par_48	par_49	par_50	par_51	par_52	par_53	par_54	par_55	par_56	par_57	par_58	par_59	par_60	par_61	par_62 par_69 par_76 par_83 par_90	par_6 par_7 par_7 par_8 par_9
								0																																																														
par_9	0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	1.000																																																											
par_10	-0.000	-0.000	-0.000	-0.001	-0.000	-0.000	-0.001	-0.000	-0.534	1.000																																																										
par_11	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	-0.559	-0.533	1.000																																																									
par_12	0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.002	-0.000	-0.000	1.000																																																									
par_13	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.011	-0.001	-0.001	-0.392	1.000																																																								
par_14	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.002	-0.001	-0.002	-0.438	-0.390	1.000																																																							
par_15	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.001	-0.000	-0.001	-0.355	-0.391	-0.351	1.000																																																							
par_16	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.001	-0.000	-0.001	-0.372	-0.321	-0.301	-0.301	1.000																																																							
par_17	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.001	-0.000	-0.000	-0.001	-0.000	-0.000	-0.000	-0.000	1.000																																																							
par_18	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.345	1.000																																																							
par_19	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.001	-0.000	-0.001	-0.001	-0.000	-0.000	-0.000	-0.000	-0.316	-0.381	1.000																																																							

	par_1	par_2	par_3	par_4	par_5	par_6	par_7	par_8	par_9	par_10	par_11	par_12	par_13	par_14	par_15	par_16	par_17	par_18	par_19	par_20	par_21	par_22	par_23	par_24	par_25	par_26	par_27	par_28	par_29	par_30	par_31	par_32	par_33	par_34	par_35	par_36	par_37	par_38	par_39	par_40	par_41	par_42	par_43	par_44	par_45	par_46	par_47	par_48	par_49	par_50	par_51	par_52	par_53	par_54	par_55	par_56	par_57	par_58	par_59	par_60	par_61	par_62 par_69 par_76 par_83 par_90	par_6 par_7 par_7 par_8 par_9
par_20	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.001	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.036	-0.369	-0.350	1.000																																																			
par_21	-0.000	-0.000	-0.000	-0.683	-0.614	-0.669	-0.671	-0.670	-0.001	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	1.000																																																			
par_22	0.411	0.418	0.379	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000																																																			
par_23	-0.399	-0.424	-0.389	0.000	0.000	0.000	0.000	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000																																																			
par_24	0.422	0.436	0.396	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.372	1.000																																																		
par_25	0.081	0.087	0.085	-0.005	-0.002	-0.003	-0.003	-0.036	-0.132	-0.126	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	-0.004	0.000	0.000	0.000	-0.394	1.000																																																		
par_26	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.066	0.071	-0.004	-0.007	-0.006	0.000	0.000	-0.021	0.016	0.000	0.036	0.000	0.000	0.000	0.000	0.000	0.000	1.000																																																		
par_27	0.005	0.004	0.007	0.074	0.045	0.065	0.067	0.074	-0.006	-0.007	0.021	0.031	0.045	0.028	0.035	0.000	0.000	0.000	0.000	0.072	0.000	0.022	0.021	0.028	0.000	-0.004	1.000																																																	
par_28	0.000	0.000	-0.001	0.000	0.000	0.000	0.000	0.000	0.001	-0.005	0.011	0.011	0.013	0.094	0.072	0.077	-0.110	-0.134	-0.097	0.000	0.000	0.000	0.000	-0.014	-0.110	0.011	1.000																																																	
par_29	0.002	0.003	-0.011	0.250	0.226	0.237	0.229	0.249	-0.173	-0.115	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.024	0.000	0.043	-0.004	0.041	0.014	0.024	0.004	1.000																																																	
par_30	0.018	0.021	0.010	0.000	0.000	0.000	0.000	0.006	-0.010	-0.013	-0.032	-0.032	-0.019	-0.011	-0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.236	-0.052	-0.026	-0.036	0.018	0.006	1.000																																																
par																																																																									

	par_1	par_2	par_3	par_4	par_5	par_6	par_7	par_8	par_9	par_10	par_11	par_12	par_13	par_14	par_15	par_16	par_17	par_18	par_19	par_20	par_21	par_22	par_23	par_24	par_25	par_26	par_27	par_28	par_29	par_30	par_31	par_32	par_33	par_34	par_35	par_36	par_37	par_38	par_39	par_40	par_41	par_42	par_43	par_44	par_45	par_46	par_47	par_48	par_49	par_50	par_51	par_52	par_53	par_54	par_55	par_56	par_57	par_58	par_59	par_60	par_61	par_62 par_6 par_69 par_7 par_76 par_7 par_83 par_8 par_90 par_9
_31	.141	.151	.136	.256	.228	.248	.231	.253	000	000	000	000	000	000	000	000	000	000	000	000	.252	.134	.132	.130	.037	000	.030	000	.094	.011	.000																															
par_32	.000	.000	.000	.641	.582	.627	.594	.645	.000	-.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.639	.000	.000	.000	.001	.000	.069	.000	.223	.000	-.240	1.000																														
par_33	.004	.001	.004	-.002	.000	.002	.000	-.002	.240	.241	.253	-.134	-.120	-.133	-.111	-.106	.000	.000	.000	.000	-.001	.001	.000	.000	-.044	.031	-.369	-.049	-.061	-.238	.000	-.001	1.000																												
par_34	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	1.000																											
par_35	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.732	1.000																										
par_36	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.748	.709	1.000																									
par_37	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.757	.717	.733	1.000																								
par_38	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.726	.689	.704	.712	1.000																							
par_39	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.717	.680	.695	.702	.674	1.000																						
par_40	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.722	.685	.700	.708	.679	.671	1.000																					
par_41	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.301	.285	.291	.295	.283	.279	.281	1.000																				
par_42	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.342	.324	.331	.335	.321	.317	.320	.677	1.000																			
par_43	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.316	.300	.306	.310	.297	.294	.296	.626	.712	1.000																		
par_44	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.336	.318	.325	.329	.316	.312	.314	.665	.755	.699	1.000																	
par_45	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.318	.302	.308	.312	.299	.295	.298	.630	.716	.663	.703	1.000																
par_46	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.338	.321	.328	.332	.318	.314	.317	.670	.762	.705	.748	.710	1.000															
par_47	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.341	.323	.330	.334	.320	.316	.319	.675	.767	.710	.753	.714	.760	1.000														
par_48	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.324	.307	.314	.317	.305	.301	.303	.641	.729	.675	.716	.679	.722	.727	1.000													
par_49	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.298	.283	.289	.292	.281	.277	.279	.312	.355	.329	.349	.331	.352	.354	.337	1.000												
par_50	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.311	.294	.301	.304	.292	.288	.290	.325	.369	.342	.363	.344	.366	.368	.350	.718	1.000											
par_51	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.301	.285	.292	.295	.283	.280	.282	.315	.358	.331	.352	.334	.355	.357	.339	.696	.724	1.000										
par_52	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.311	.295	.301	.305	.292	.289	.291	.325	.370	.342	.363	.344	.366	.369	.351	.719	.748	.725	1.000									
par_53	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.27	.26	.26	.27	.26	.25	.25	.27	.31	.29	.31	.29	.31	.31	.30	.45	.46	.45	.46	1.0								

	par_1	par_2	par_3	par_4	par_5	par_6	par_7	par_8	par_9	par_10	par_11	par_12	par_13	par_14	par_15	par_16	par_17	par_18	par_19	par_20	par_21	par_22	par_23	par_24	par_25	par_26	par_27	par_28	par_29	par_30	par_31	par_32	par_33	par_34	par_35	par_36	par_37	par_38	par_39	par_40	par_41	par_42	par_43	par_44	par_45	par_46	par_47	par_48	par_49	par_50	par_51	par_52	par_53	par_54	par_55	par_56	par_57	par_58	par_59	par_60	par_61	par_62 par_69 par_76 par_83 par_90 par
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	8	1	0	7	9	8	6	3	0	4	3	5	0	0	8	3	8	0	0									
par_54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	3	2	2	3	3	2	4	4	4	4	4	8	1	0	0	0						
par_55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	7	6	1	0	0	0						
par_56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	3	2	2	3	3	2	4	4	4	4	4	8	7	7	1	0	0						
par_57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	7	7	6	7	1	0	0					
par_58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	7	7	7	6	7	0	0					
par_59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	4	4	3	4	3	3	8	0	0	0		
par_60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	7	0	0	0		
par_61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	4	4	3	3	3	3	8	7	0	0	0	
par_62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	7	6	7	5	0	
par_63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	7	6	7	1	3	
par_64	4	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
par																																																																	

	par_1	par_2	par_3	par_4	par_5	par_6	par_7	par_8	par_9	par_10	par_11	par_12	par_13	par_14	par_15	par_16	par_17	par_18	par_19	par_20	par_21	par_22	par_23	par_24	par_25	par_26	par_27	par_28	par_29	par_30	par_31	par_32	par_33	par_34	par_35	par_36	par_37	par_38	par_39	par_40	par_41	par_42	par_43	par_44	par_45	par_46	par_47	par_48	par_49	par_50	par_51	par_52	par_53	par_54	par_55	par_56	par_57	par_58	par_59	par_60	par_61	par_62 par_69 par_76 par_83 par_90 par
_65	0	0	0	0	,639	,576	,623	,584	,636	0	0	0	0	0	0	0	0	0	0	0	,631	0	0	0	0	0	,067	-,026	,063	,536	,091	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
par_66	0	-,001	-,012	-,005	0	,011	,015	-,056	-,101	-,538	0	,001	0	,010	0	0	0	0	0	0	-,003	-,004	-,003	0	-,082	0	,036	-,016	-,020	-,020	0	-,247	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
par_67	0	0	0	0	0	0	0	0	0	-,073	-,358	-,316	-,363	-,291	0	0	0	0	0	0	0	0	0	0	0	0	-,042	-,089	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
par_68	0	0	0	0	0	0	0	0	0	-,011	0	0	-,014	0	0	0	-,289	-,367	-,352	-,100	0	0	0	0	-,044	-,053	0	-,014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
par_69	-,121	-,131	-,121	0	0	0	0	0	-,011	-,001	0	0	0	0	0	0	0	0	0	0	-,091	,118	,118	,034	0	0	-,012	-,016	-,047	0	,004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	,00
par_70	-,002	-,008	0	0	0	0	0	0	0	0	-,001	0	0	0	0	0	0	0	0	0	0	-,011	-,019	0	0	-,005	0	-,010	-,014	-,009	0	-,004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	,000,00
par_71	-,117	-,014	-,026	0	0	0	-,001	0	0	0	0	0	0	0	0	0	0	0	0	0	-,013	,020	0	,006	0	-,006	0	-,008	-,021	-,004	0	-,007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	,000,000
par_72	-,004	-,130	-,018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-,014	-,029	-,017	-,006	0	0	-,002	-,010	-,027	0	-,001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	,000,000
par_73	-,032	-,016	-,014	0	0	0	0	0	0	-,001	0	0	0	0	0	0	0	0	0	0	-,007	-,017	-,003	-,006	-,011	0	-,011	-,032	-,010	0	-,007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	,00
par_74	0,12	-,021	-,014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-,017	-,014	,023	0	0	0	0	-,008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	,000,00
par_75	-,054	-,041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-,089	,025	,024	0	0	0	0	-,008	-,004	0	-,007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	,00
par_76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	,005 ,000 ,0

	par_1	par_2	par_3	par_4	par_5	par_6	par_7	par_8	par_9	par_10	par_11	par_12	par_13	par_14	par_15	par_16	par_17	par_18	par_19	par_20	par_21	par_22	par_23	par_24	par_25	par_26	par_27	par_28	par_29	par_30	par_31	par_32	par_33	par_34	par_35	par_36	par_37	par_38	par_39	par_40	par_41	par_42	par_43	par_44	par_45	par_46	par_47	par_48	par_49	par_50	par_51	par_52	par_53	par_54	par_55	par_56	par_57	par_58	par_59	par_60	par_61	par_69 par_ par_76 par_ par_83 par_ par_90 par_
	0	0	0	78	57	69	71	74	0	01	0	1	0	0	0	0	0	0	0	0	73	0	0	0	07	0	08	0	30	0	23	71	01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
par_77	0	0	0	-.091	-.015	-.059	-.024	-.040	0	-.001	0	0	0	0	0	0	0	0	0	0	-.008	-.001	0	0	0	0	-.006	-.023	-.031	-.014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.001 .0
par_78	0	0	0	0	-.056	-.010	-.019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-.005	0	0	0	0	-.018	-.009	-.013	-.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.007 .0
par_79	0	0	0	0	0	-.073	-.026	-.020	0	0	0	0	0	0	0	0	0	0	0	0	-.005	0	0	0	-.003	0	0	-.023	-.009	-.006	-.002	-.014	-.009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.003 .000 .
par_80	0	0	0	-.006	-.008	-.006	-.075	-.011	0	0	0	0	0	0	0	0	0	0	0	0	-.002	0	0	0	-.001	0	-.002	-.002	-.011	-.019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.000.000 .0 -.002 .000 -
par_81	0	0	0	0	0	-.012	-.010	-.011	0	0	0	0	0	0	0	0	0	0	0	0	-.008	0	0	0	0	0	0	-.007	-.011	-.007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.001 .00
par_82	0	0	0	-.015	-.016	-.059	-.083	-.011	0	0	0	0	0	0	0	0	0	0	0	0	-.012	0	0	0	-.008	0	-.009	-.019	-.021	-.008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.001 .00
par_83	0	0	0	-.011	-.003	-.048	-.180	0	0	0	0	0	0	0	0	0	0	0	0	0	-.009	0	0	0	-.012	0	-.006	-.015	-.011	-.017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.007 .001 . -.015
par_84	0	0	0	0	0	-.001	0	-.064	-.163	-.182	-.012	-.003	-.011	0	0	0	0	0	-.011	0	0	0	0	0	-.032	-.024	-.030	-.017	-.008	0	0	0	-.096	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.000.000 .001 .000 .0
par_85	0	0	0	0	0	0	-.001	0	-.175	-.179	-.024	0	0	0	0	0	0	0	0	0	0	0	0	0	-.041	-.011	-.019	-.015	-.029	-.001	0	0	-.026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.000. .001 .00
par_86	0	0	-.021	-.021	0	0	0	0	-.118	-.167	-.081	-.001	0	0	0	0	0	0	0	0	0	0	0	0	-.028	-.010	-.014	-.036	-.039	-.001	0	0	-.011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.001 .003 .001
par_87	0	0	0	0	0	0	0	0	0	0	-.002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-.022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.003 .00 .001 -.00

	par_1	par_2	par_3	par_4	par_5	par_6	par_7	par_8	par_9	par_10	par_11	par_12	par_13	par_14	par_15	par_16	par_17	par_18	par_19	par_20	par_21	par_22	par_23	par_24	par_25	par_26	par_27	par_28	par_29	par_30	par_31	par_32	par_33	par_34	par_35	par_36	par_37	par_38	par_39	par_40	par_41	par_42	par_43	par_44	par_45	par_46	par_47	par_48	par_49	par_50	par_51	par_52	par_53	par_54	par_55	par_56	par_57	par_58	par_59	par_60	par_61	par_62 par_6 par_69 par_7 par_76 par_7 par_83 par_8 par_90 par_9
	01	0	0	02	0	01	11	06	7	0	02	1	1	1	1	0	0	1	0	0	11	0	11	03	35	16	34	08	1	1	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
par_88	0	0	-.011	0	0	0	0	0	-.005	-.051	-.128	-.124	-.167	-.116	-.115	0	0	0	0	0	0	0	-.001	0	0	-.022	-.025	-.006	0	0	0	-.029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.001.00
par_89	0	0	0	0	0	0	0	0	-.003	-.001	-.122	-.029	-.016	-.024	-.013	-.002	0	0	0	0	0	0	0	0	0	0	-.013	-.015	0	0	0	-.006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.000.000 .0 .001 .000 .0
par_90	0	0	0	0	0	0	0	0	0	0	0	-.109	-.023	-.008	-.007	0	-.001	0	0	0	0	0	0	0	0	0	-.013	-.020	-.021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.001 .013 .0 .000 .000 .0
par_91	0	0	0	0	0	0	0	0	0	0	-.024	-.054	-.011	-.040	-.027	-.001	0	-.011	0	0	0	0	0	0	-.019	-.013	-.015	-.019	0	0	0	0	-.020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.010 .000 .0 .000 .000
par_92	0	0	0	0	0	0	0	0	0	0	0	-.019	-.091	-.092	-.015	0	-.001	0	0	0	0	0	0	0	0	-.020	-.014	-.006	0	0	0	-.010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.011 .001 .0 .000 .000.0
par_93	0	0	0	0	0	0	0	0	0	0	0	-.017	-.004	-.019	-.007	0	0	0	0	0	0	0	0	0	-.013	-.022	-.007	-.007	0	0	0	-.009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.013 .000 .0 .000 .000.0
par_94	0	0	0	0	0	0	0	0	-.001	0	0	0	0	0	0	-.174	-.167	-.125	-.205	0	0	0	0	0	-.018	-.062	-.001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.150 .000 .0 00 .004 .001
par_95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-.133	-.036	-.028	0	0	0	0	0	0	-.006	-.035	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.000.000 .0 .000 .000 .0 .000 .000 .0
par_96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-.033	-.167	-.075	-.170	0	0	0	0	0	-.042	-.040	-.022	0	0	0	-.001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.012 .000 .0 .000 .000 .0 -.001 -.002
par_97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-.044	-.027	-.161	-.010	0	0	0	0	0	-.006	-.006	-.016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.000.000 .0 .000 .000 .0 .000 .000 .0
par_98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-.043	-.035	-.150	0	0	0	0	0	0	-.024	-.020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.001 .001 .0 .000.0 .001 .001

	par_1	par_2	par_3	par_4	par_5	par_6	par_7	par_8	par_9	par_10	par_11	par_12	par_13	par_14	par_15	par_16	par_17	par_18	par_19	par_20	par_21	par_22	par_23	par_24	par_25	par_26	par_27	par_28	par_29	par_30	par_31	par_32	par_33	par_34	par_35	par_36	par_37	par_38	par_39	par_40	par_41	par_42	par_43	par_44	par_45	par_46	par_47	par_48	par_49	par_50	par_51	par_52	par_53	par_54	par_55	par_56	par_57	par_58	par_59	par_60	par_61	par_62	par_69	par_76	par_83	par_90
												1	1				3	3	0	7										1																																						

Critical Ratios for Differences between Parameters (Default model)

	par_1	par_2	par_3	par_4	par_5	par_6	par_7	par_8	par_9	par_10	par_11	par_12	par_13	par_14	par_15	par_16	par_17	par_18	par_19	par_20	par_21	par_22	par_23	par_24	par_25	par_26	par_27	par_28	par_29	par_30	par_31	par_32	par_33	par_34	par_35	par_36	par_37	par_38	par_39	par_40	par_41	par_42	par_43	par_44	par_45	par_46	par_47	par_48	par_49	par_50	par_51	par_52	par_53	par_54	par_55	par_56	par_57	par_58	par_59	par_60	par_61	par_4	par_6	par_7	par_8	par_9
1	.000																																																																				
2	-.249	.000																																																																	
3	-.652	-.900	.000																																																															
4	1.798	-.650	2.188	.000																																																															
5	.988	.841	1.379	-1.118	.000																																																														
6	1.232	1.080	1.635	-.920	.284	.000																																																													
7	.821	.672	1.218	-1.402	-.236	-.546	.000																																																											
8	1.943	1.798	2.328	-.260	1.137	1.158	1.616	.000																																																										
9	-.365	-.365	.986	-1.429	-.470	-.333	-.134	.000																																																										

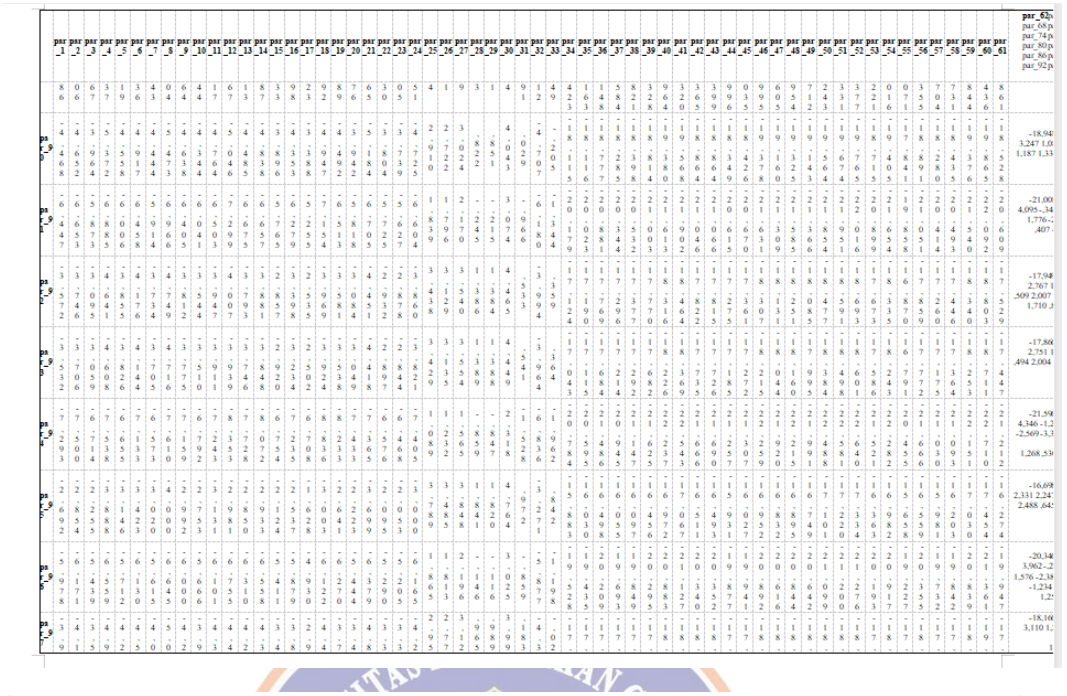
	par_1	par_2	par_3	par_4	par_5	par_6	par_7	par_8	par_9	par_10	par_11	par_12	par_13	par_14	par_15	par_16	par_17	par_18	par_19	par_20	par_21	par_22	par_23	par_24	par_25	par_26	par_27	par_28	par_29	par_30	par_31	par_32	par_33	par_34	par_35	par_36	par_37	par_38	par_39	par_40	par_41	par_42	par_43	par_44	par_45	par_46	par_47	par_48	par_49	par_50	par_51	par_52	par_53	par_54	par_55	par_56	par_57	par_58	par_59	par_60	par_61	par_62	par_68	par_74	par_80	par_86	par_92
					5.7	5.8	0.0	0.2																																																												
par_10	-.300	-.133	-.745	-1.450	-.676	-.892	-.516	-1.572	-1.309	.000																																																							
par_11	-.266	-.559	1.169	-1.079	-.325	-.530	-1.600	-1.224	.279	.573	.000																																																					
par_12	-.102	-.103	-.646	-1.834	-.973	-.235	-.796	-1.986	-.489	-.235	-.696	.000																																																					
par_13	.096	-.096	-.608	-1.764	-.936	-.184	-.764	-1.912	-.463	-.222	-.661	.001	.000																																																					
par_14	.155	-.084	-.644	-1.789	-.943	-.198	-.798	-1.940	-.463	-.215	-.665	.025	.021	.000																																																					
par_15	-.133	-.023	-.221	-.412	-.585	-.852	-.422	-.527	-.217	-.065	-.401	.044	.037	-.128	-.000																																																					
par_16	-.231	-.421	-.275	.006	.085	.439	.018	-.751	-.513	-.946	-.445	.481	-.458	-.612	.000																																																					
par_17	-.126	-.312	-.624	-.212	-.785	-.611	-.735	-.583	-.136	-.374	-.248	-.324	-.423	-.918	.000																																																					
par_18	-.166	-.140	-.758	-.849	-.470	-.849	-.665	-.346	-.103	-.549	-.113	-.023	.486	.762	.000																																																					

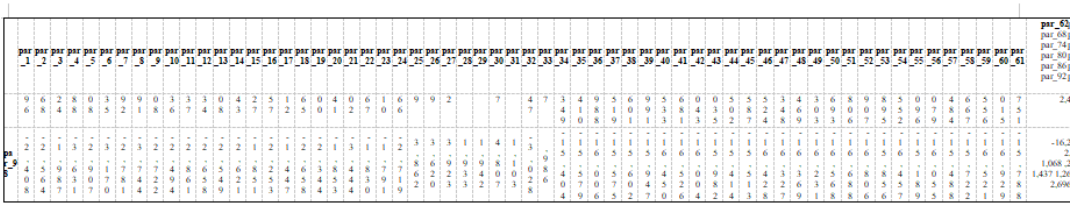
	par_1	par_2	par_3	par_4	par_5	par_6	par_7	par_8	par_9	par_10	par_11	par_12	par_13	par_14	par_15	par_16	par_17	par_18	par_19	par_20	par_21	par_22	par_23	par_24	par_25	par_26	par_27	par_28	par_29	par_30	par_31	par_32	par_33	par_34	par_35	par_36	par_37	par_38	par_39	par_40	par_41	par_42	par_43	par_44	par_45	par_46	par_47	par_48	par_49	par_50	par_51	par_52	par_53	par_54	par_55	par_56	par_57	par_58	par_59	par_60	par_61	par_62
par_1	-.042	-.230	-.460	-.148	-.031	-.279	-.863	-.994	-.580	-.341	-.772	-.150	-.141	-.162	-.702	-.192	-.150	-.161	-.000																																													
par_2	-.469	-.651	-.020	-.215	-.136	-.111	-.063	-.129	-.296	-.952	-.970	-.140	-.610	-.580	-.615	-.239	-.221	-.764	-.912	-.158	-.000																																												
par_3	.172	.421	.167	-.370	-.750	-.550	.050	.061	.218	.021	.086	.095	.153	.153	.218	.188	.180	.484	.443	.421	.161	.093	.000																																										
par_4	-.919	-.170	-.260	-.268	-.552	-.811	-.193	-.506	-.184	-.937	-.136	-.883	-.829	-.874	-.011	-.488	-.424	-.985	-.674	-.223	-.247	-.000																																													
par_5	-.942	-.207	-.117	-.379	-.581	-.411	-.510	-.227	-.958	-.984	-.038	-.984	-.984	-.984	-.022	-.256	-.038	-.038	-.008	-.000	-.159	-.000																																													
par_6	.600	.370	.192	.374	-.591	-.422	-.521	-.093	-.124	-.841	-.481	-.481	-.378	-.168	.168	.687	.154	.257	.098	-.145	.145	.481	.000																																												
par_7	-.777	-.676	-.692	-.589	-.767	-.703	-.730	-.634	-.499	-.493	-.855	-.855	-.777	-.685	-.656	-.076	-.043	-.173	-.703	-.692	-.477	-.766	-.663	-.500																																													
par_8	-.060	-.200	-.777	-.109	-.140	-.023	-.585	-.084	-.184	-.144	-.444	-.673	-.245	-.613	-.670	-.024	-.031	-.036	-.000	-.030	-.025	-.543	-.281	-.340	-.000																																													
par_9	-.655	-.751	-.184	-.470	-.019	-.063	-.549	-.181	-.254	-.063	-.447	-.974	-.824	-.046	-.066	-.317	-.750	-.484	-.542	-.254	-.000	-.000	-.740	-.630	-.235	-.000																																													
par_10	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444	-.444
par_11	.888	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887	.887
par_12	-.221	-.474	-.183	-.465	-.341	-.058	-.883	-.490	-.965	-.171	-.254	-.183	-.040	-.358	-.601	-.017	-.017	-.720	-.028	-.263	-.285	-.353	-.774	-.570	-.700	-.282	-.253	-.531	.000																																									
par_13	.060	-.178	-.799	-.833	-.208	-.476	-.670	-.992	-.421	-.993	-.063	-.064	-.445	-.479	-.081	-.581	-.421	-.423	-.453	-.383	-.671	-.107	-.577	-.111	-.170	-.404	-.633	-.132	-.978	-.000																																									
par_14	.112	.964	-.058	-.953	-.133	-.411	-.227	-.227	-.686	-.431	-.106	-.065	-.107	-.071	-.352	-.011	-.026	-.967	-.176	-.466	-.689	-.516	-.697	-.932	-.533	-.670	-.746	-.479	-.396	-.339	-.000																																									
par_15	-.359	-.032	-.913	-.479	-.180	-.601	-.504	-.486	-.182	-.243	-.437	-.337	-.747	-.046	-.032	-.048	-.056	-.068	-.503	-.292	-.281	-.285	-.721	-.561	-.529	-.562	-.414	-.858	-.180	-.311	-.188	-.302	-.000																																									
par_16	.144	.115	.121	.122	.121	.111	.133	.133	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.115	.197	.178	.106	.163	.204	.173	.256	.122																																									
par_17	.984	.336	.392	.081	.235	.554	.527	.189	.706	.180	.057	.040	.247	.236	.384	.726	.464	.212	.305	.054	.483	.472	.450	.740	.402	.069	.206	.094	.326	.250	.627	.267	.000																																									
par_18	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.155	.148																																									
par_19	.623	.592	.276	.285	.873	.381	.123	.304	.404	.405	.596	.353	.353	.353	.013	.350	.368	.585	.503	.331	.999	.604	.431	.499	.433	.991	.101	.921	.158	.420	.286	.402	.000	.376	.000																																									
par_20	.155	.111	.111	.112	.112	.157	.163	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	.111	.197	.118	.116	.117	.170	.146	.181	.122			.424																																									
par_21	.163	.048	.046	.046	.157	.035	.111	.096	.078	.093	.078	.094	.093	.091	.012	.042	.045	.031	.138	.173	.173	.645	.455	.589	.187	.186	.170	.148	.491	.144	.122	.179				.648		.000																																								

	par_1	par_2	par_3	par_4	par_5	par_6	par_7	par_8	par_9	par_10	par_11	par_12	par_13	par_14	par_15	par_16	par_17	par_18	par_19	par_20	par_21	par_22	par_23	par_24	par_25	par_26	par_27	par_28	par_29	par_30	par_31	par_32	par_33	par_34 … par_61
	9	9	2	3	9	4	2	3	1	3	8	8	3	9	6	2	4	4	9	5	3	1	5	7	5	5	2	2	7	2	2	0	2	
psr_38	15.224	15.090	15.524	11.824	12.439	12.550	12.708	11.589	14.068	14.107	13.777	15.979	15.459	15.728	16.013	15.778	16.097	15.526	15.379	15.440	12.100	15.798	15.739	14.888	19.990	17.629	18.230	16.808	16.740	20.611	14.903	12.411	15.811	[illegible]
psr_39	15.619	15.484	15.948	12.131	12.749	12.869	13.023	11.891	14.428	14.463	14.130	16.411	15.868	16.149	16.424	15.982	16.501	15.940	15.780	15.832	12.410	16.200	16.138	14.864	20.396	17.949	18.562	17.144	17.073	21.014	15.194	12.722	16.136	[illegible]
psr_40 – psr_59	[illegible]																																	

	par_1	par_2	par_3	par_4	par_5	par_6	par_7	par_8	par_9	par_10	par_11	par_12	par_13	par_14	par_15	par_16	par_17	par_18	par_19	par_20	par_21	par_22	par_23	par_24	par_25	par_26	par_27	par_28	par_29	par_30	par_31	par_32	par_33
6	.726	.593	.053	.267	.880	.000	.153	.028	.547	.582	.252	.507	.971	.249	.522	.086	.599	.043	.886	.938	.545	.301	.240	.979	.464	.044	.653	.244	.173	.077	.307	.854	.243
par_57	15.098	14.965	15.427	11.707	12.323	12.431	12.591	11.472	13.945	13.986	13.655	15.850	15.333	15.600	15.887	15.452	15.973	15.398	15.254	15.316	11.982	15.673	15.615	14.364	19.878	17.525	18.125	16.699	16.631	20.501	14.798	12.294	15.701
par_58	15.329	15.199	15.651	12.015	12.619	12.727	12.883	11.784	14.208	14.249	13.925	16.052	15.554	15.811	16.096	15.672	16.182	15.616	15.479	15.543	12.285	15.889	15.833	14.616	20.007	17.729	18.317	16.913	16.847	20.622	15.048	12.591	15.934
par_59	16.236	16.104	16.559	12.742	13.351	13.479	13.626	12.501	15.045	15.075	14.743	17.033	16.487	16.770	17.033	16.598	17.104	16.563	16.498	16.443	13.021	16.808	16.746	15.483	20.925	18.470	19.083	17.690	17.618	21.530	15.734	13.327	16.692
par_60	16.703	16.570	17.028	13.106	13.718	13.858	14.000	12.860	15.471	15.497	15.166	17.543	16.970	17.267	17.519	17.076	17.583	17.053	16.872	16.907	13.390	17.283	17.217	15.928	21.403	18.847	19.484	18.087	18.012	22.003	16.079	13.697	17.077
par_61	15.408	15.277	15.731	12.063	12.669	12.779	12.935	11.830	14.275	14.314	13.989	16.143	15.638	15.899	16.185	15.756	16.262	15.706	15.561	15.625	12.335	15.979	15.915	14.688	20.101	17.792	18.379	16.997	16.912	20.715	15.094	12.642	16.095
par_62	15.863	15.731	16.181	12.516	13.116	13.231	13.383	12.283	14.736	14.766	14.445	16.600	16.090	16.356	16.629	16.208	16.710	16.159	16.015	16.078	12.748	16.436	16.362	15.145	20.489	18.177	18.763	17.382	17.314	21.094	15.440	13.096	16.406
par_63	15.750	15.521	16.067	12.434	13.032	13.145	13.296	12.203	14.630	14.663	14.347	16.475	15.977	16.235	16.519	16.090	16.599	16.040	15.990	15.959	12.774	16.334	16.248	15.039	20.367	18.068	18.626	17.286	17.219	20.973	15.418	13.006	16.314

	par_1	par_2	par_3	par_4	par_5	par_6	par_7	par_8	par_9	par_10	par_11	par_12	par_13	par_14	par_15	par_16	par_17	par_18	par_19	par_20	par_21	par_22	par_23	par_24	par_25	par_26	par_27	par_28	par_29	par_30	par_31	par_32	par_33	par_34	par_35	par_36	par_37	par_38	par_39	par_40	par_41	par_42	par_43	par_44	par_45	par_46	par_47	par_48	par_49	par_50	par_51	par_52	par_53	par_54	par_55	par_56	par_57	par_58	par_59	par_60	par_61	par_68,par_74,par_80,par_86,par_92	
	68	64	63	35	41	75	23	39	42	63	32	78	89	49	90	44	37	79	53	41	29	64	49	79	10	0	6	2	1	7	4		8	3	48	23	13	62	64	54	45	14	47	16	85	97	61	19	61	66	40	50	13	54	86	65	90	07	74	07	72	22	23	26	87	20	14	22	18	9		
ps_74	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	1	4		4		4	1	1	1





Model Fit Summary

CMIN

Model	NPAR	CMIN	DF	P	CMIN/DF
Default model	98	484,903	397	,002	1,221
Saturated model	495	,000	0		
Independence model	60	4333,344	435	,000	9,962

Baseline Comparisons

Model	NFI Delta1	RFI rho1	IFI Delta2	TLI rho2	CFI
Default model	,888	,877	,978	,975	,977
Saturated model	1,000		1,000		1,000
Independence model	,000	,000	,000	,000	,000

Parsimony-Adjusted Measures

Model	PRATIO	PNFI	PCFI
Default model	,913	,811	,892
Saturated model	,000	,000	,000
Independence model	1,000	,000	,000

NCP

Model	NCP	LO 90	HI 90
Default model	87,903	36,298	147,703
Saturated model	,000	,000	,000
Independence model	3898,344	3690,864	4113,132

FMIN

Model	FMIN	F0	LO 90	HI 90
Default model	3,254	,590	,244	,991
Saturated model	,000	,000	,000	,000
Independence model	29,083	26,163	24,771	27,605

RMSEA

Model	RMSEA	LO 90	HI 90	PCLOSE
Default model	,039	,025	,050	,950
Independence model	,245	,239	,252	,000

AIC

Model	AIC	BCC	BIC	CAIC
Default model	680,903	732,395		
Saturated model	990,000	1250,085		
Independence model	4453,344	4484,869		

ECVI

Model	ECVI	LO 90	HI 90	MECVI
Default model	4,570	4,223	4,971	4,915
Saturated model	6,644	6,644	6,644	8,390
Independence model	29,888	28,496	31,330	30,100

HOELTER

Model	HOELTER .05	HOELTER .01
Default model	137	144
Independence model	17	18

Execution time summary

Minimiza玲椀on: ,018

Miscellaneous: ,408

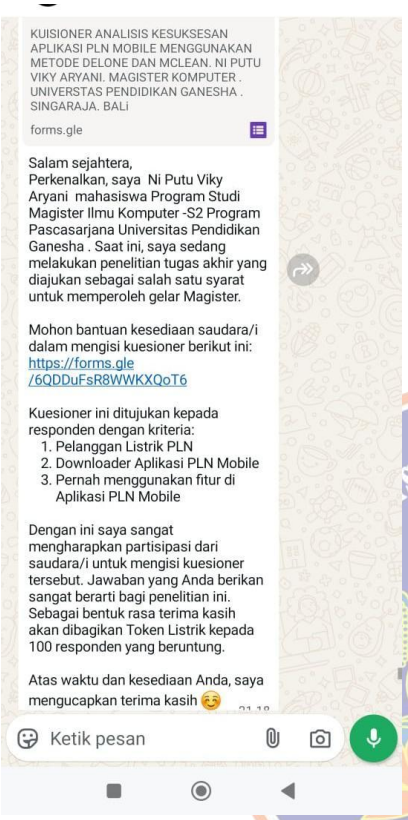
Bootstrap: ,000

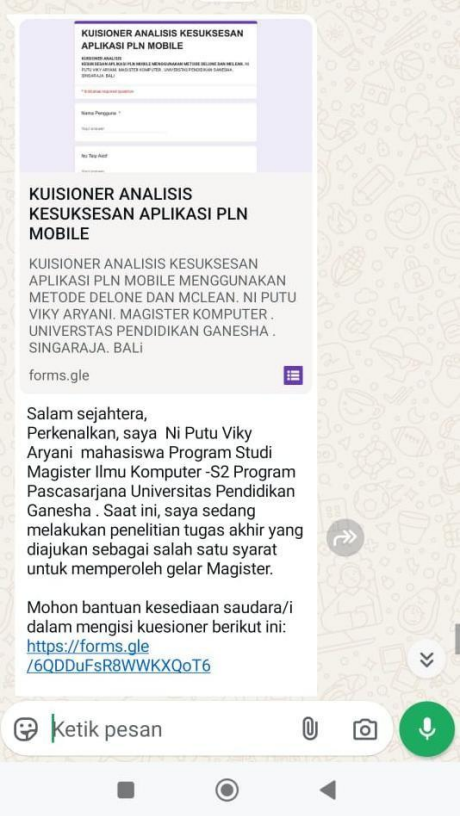
Total: ,426

UNIVERSITAS PENDIDIKAN GANESHA
UNDIKSHA

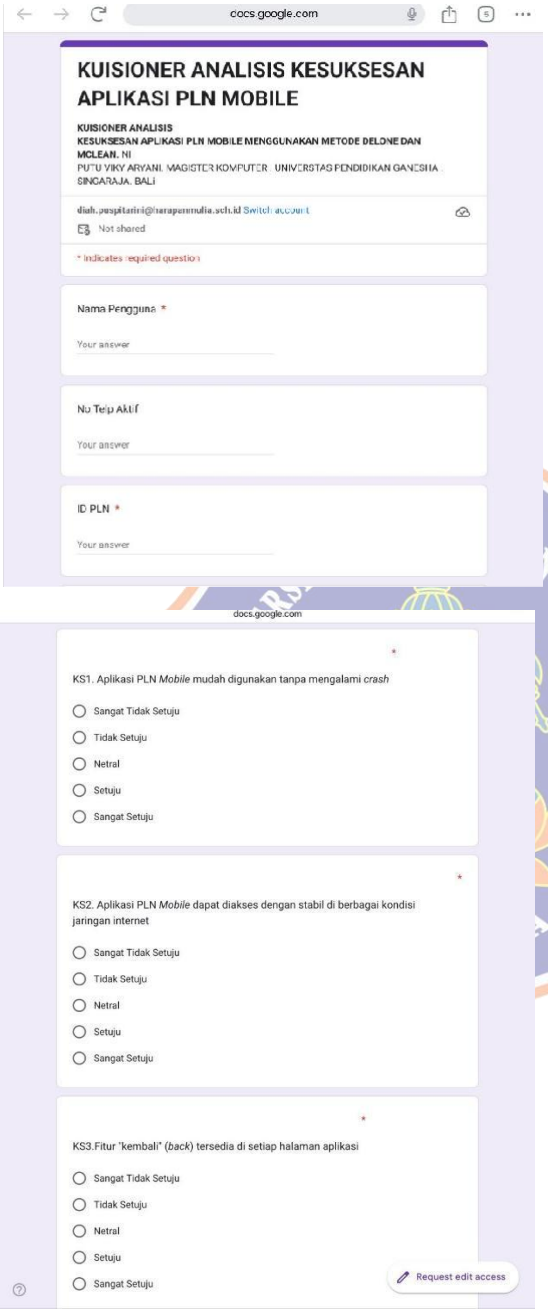
Lampiran 3 Kuisioner

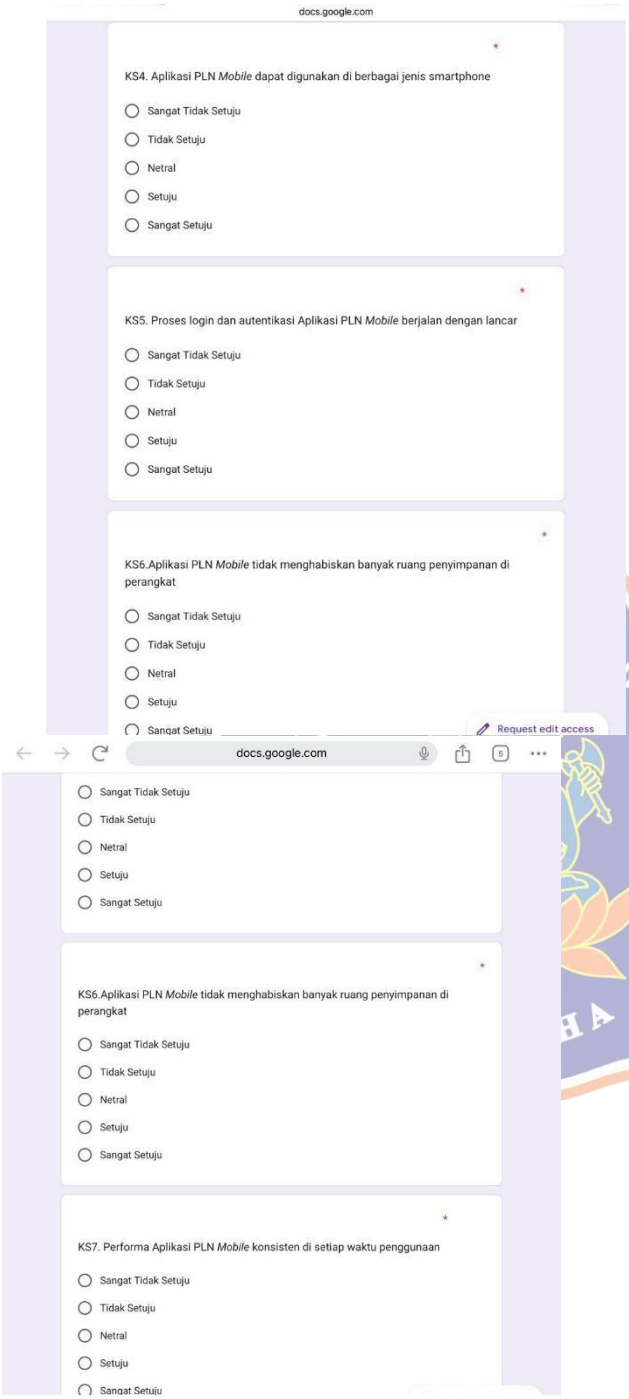
PENYEBARAN KUISIONER MELALUI MEDIA SOSIAL





KUISIONER GOOGLE FORM





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KS4. Aplikasi PLN *Mobile* dapat digunakan di berbagai jenis smartphone

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

KS5. Proses login dan autentikasi Aplikasi PLN *Mobile* berjalan dengan lancar

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

KS6.Aplikasi PLN *Mobile* tidak menghabiskan banyak ruang penyimpanan di perangkat

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

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- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

KS6.Aplikasi PLN *Mobile* tidak menghabiskan banyak ruang penyimpanan di perangkat

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

KS7. Performa Aplikasi PLN *Mobile* konsisten di setiap waktu penggunaan

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

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KS7. Performa Aplikasi PLN *Mobile* konsisten di setiap waktu penggunaan *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

KI1. Informasi tagihan listrik yang ditampilkan aplikasi PLN *Mobile* akurat *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

KI2. Notifikasi yang diberikan aplikasi PLN *Mobile* tepat waktu dan relevan *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

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KI3. Informasi penggunaan listrik yang ditampilkan aplikasi PLN *Mobile* secara detail dan lengkap *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

KI4.Riwayat pembayaran pada aplikasi PLN *Mobile* tersaji dengan jelas dan mudah dipahami *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

KI5. Informasi promo dan layanan terbaru pada aplikasi PLN *Mobile* diperbarui secara berkala *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

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KI6. Panduan penggunaan aplikasi PLN *Mobile* dijelaskan dengan bahasa yang mudah dipahami *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

KI7. Status pengaduan atau keluhan pada aplikasi PLN *Mobile* dapat dilacak dengan jelas *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

KI8.Informasi gangguan Listrik pada aplikasi PLN *Mobile* disampaikan secara *real-time* *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

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MP1. Pengguna sering menggunakan aplikasi PLN *Mobile* karena memiliki manfaat dan kebergunaan yang sangat efektif secara keseluruhan *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

MP2. Pengguna menggunakan aplikasi PLN *Mobile* untuk melaporkan gangguan Listrik *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

MP3. Pengguna memanfaatkan fitur notifikasi PLN *Mobile* untuk pengingat pembayaran *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

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MP4. Pengguna menggunakan PLN *Mobile* untuk mencari informasi produk PLN *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

KP1. Pengguna merasa puas dengan kemudahan penggunaan aplikasi PLN *Mobile* *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

KP2. Pengguna merasa puas dengan kecepatan respon aplikasi *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

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KP3.Pengguna merasa puas dengan keamanan transaksi di aplikasi PLN *Mobile* *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

KP4. Pengguna merasa puas dengan variasi metode pembayaran yang tersedia *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

KP5. Pengguna merasa puas dengan layanan pengaduan melalui aplikasi *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

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KP6. Pengguna merasa puas dengan tampilan antarmuka aplikasi *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

NB1. Aplikasi PLN *Mobile* membantu menghemat waktu dalam pembayaran tagihan *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

NB1. Aplikasi PLN *Mobile* membantu menghemat waktu dalam pembayaran tagihan *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

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NB2. Aplikasi PLN *Mobile* memudahkan untuk memantau penggunaan listrik *

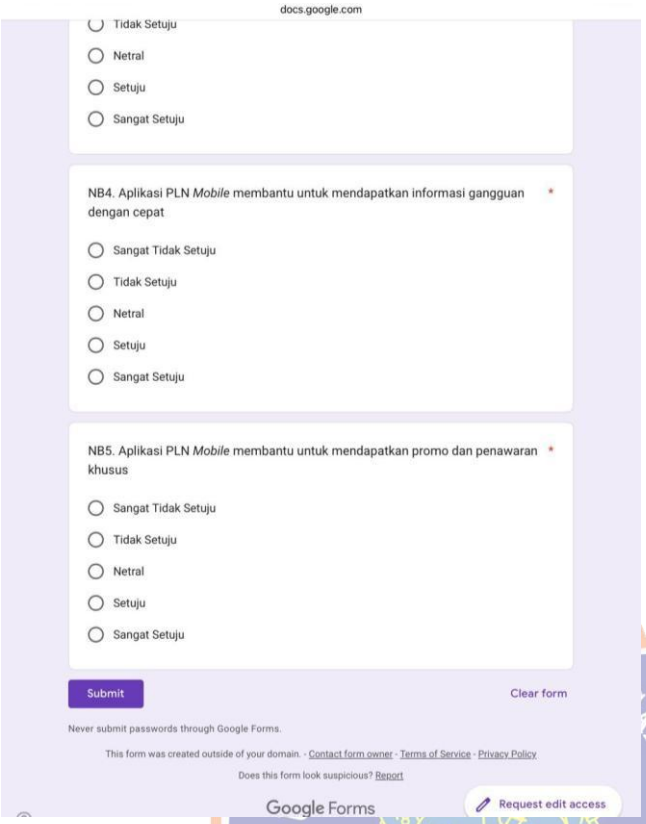
- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

NB3. Penggunaan Aplikasi PLN *Mobile* menghemat biaya transportasi ke loket pembayaran *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

NB4. Aplikasi PLN *Mobile* membantu untuk mendapatkan informasi gangguan dengan cepat *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju



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- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

NB4. Aplikasi PLN *Mobile* membantu untuk mendapatkan informasi gangguan dengan cepat *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

NB5. Aplikasi PLN *Mobile* membantu untuk mendapatkan promo dan penawaran khusus *

- Sangat Tidak Setuju
- Tidak Setuju
- Netral
- Setuju
- Sangat Setuju

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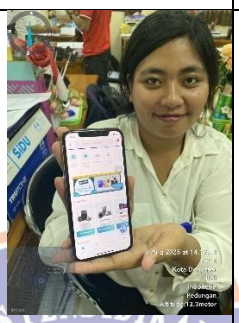
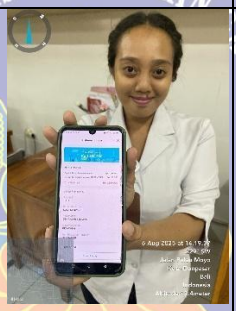
Lampiran 4 Dokumentasi Responden

Nama Responden	Aplikasi yang digunakan	Dokumentasi	Nama Pengguna	Jenis Kelamin	Umur
Responden 1	Penggunaan Market Place		Fitri Anggraini	Perempuan	33
Responden 2	Penggunaan Market Place		Wawan Febrian	Laki laki	35
Responden 3	Menggunakan aplikasi PLN Mobile untuk melihat promo PLN		Gita Saraswati	Perempuan	27
Responden 4	Pembelian Pulsa		Teguh Syahputra	Laki laki	28
Responden 5	Pembelian Pulsa		Eka Susanto	Laki laki	28

Responden 6	Pembelian Pulsa		Diah	Perempuan	43
Responden 7	Pembelian Pulsa		Hana Handayani	Laki laki	21
Responden 8	Pembelian Pulsa		Joko Kusuma	Laki laki	30
Responden 9	Pembelian Pulsa		Haris Umar	Laki laki	43
Responden 10	Penggunaan Market Place		Pak Jul	Laki laki	44
Responden 11	Pembelian Pulsa		Citra Saputra	Laki laki	24
Responden 12	Penggunaan Market Place		Made Suranta	Laki laki	43
Responden 13	Pembelian Pulsa		Mardiah	Perempuan	44

Responden 14	Penggunaan Market Place		Budi Nur Cahya	Laki laki	34
Responden 15	Pembelian Pulsa		Hendy	Laki laki	43
Responden 16	Pembelian Pulsa		Hartono	Laki laki	42
Responden 17	Pembelian Pulsa		Tani	Laki laki	44
Responden 18	Penggunaan Market Place		Ahmad Handayatno	Laki laki	32
Responden 19	Pembellian Pulsa		Vina Nuraini	Perempuan	31
Responden 20	Pembelian Token Listrik		Ni Made Valentina Sari	Perempuan	25

Responden 21	Pemasangan Meteran Baru		I Made Sangging Bali Marta	Laki laki	26
Responden 22	Penggunaan Market Place		Ni Luh Adi Setyawati	Perempuan	26
Responden 23	Saldo PLN mobile dan melihat promo di aplikasi PLN mobile		Tionar Sarah Lukita Harahap	Perempuan	27
Responden 24	Penggunaan Market Place		I Kadek Rupa Maheswara	Laki laki	28
Responden 25	Menggunakan aplikasi pln mobile untuk mengecek event		Ni putu ayu mirah sulistyani	Perempuan	32

Responden 26	Menggunakan aplikasi PLN mobile untuk mengajukan pengaduan gangguan listrik		Ni Luh Putu Diah Widiastari	Perempuan	33
Responden 27	Menggunakan aplikasi PLN mobile untuk mengecek promo di marketplace		Ni Putu Kartika Udayani	Perempuan	27
Responden 28	Menggunakan aplikasi untuk simulasi harga pasang baru		Anak Agung Aryshanty Rahayu	Perempuan	28
Responden 29	Cek Pemadaman Listrik		Joko Santoso	Laki laki	33
Responden 30	Menggunakan aplikasi PLN mobile untuk membeli token listrik		Putu Widiadnyana	Laki laki	29

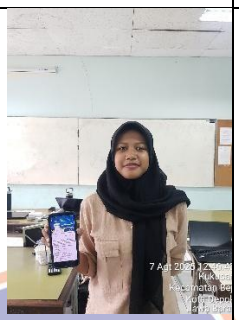
Responden 31	Menggunakan aplikasi untuk membeli Token Listrik		Ni wayan Suratni	Perempuan	40
Responden 32	Menggunakan aplikasi PLN mobile untuk mengecek promo pln		atho dedo	Laki laki	23
Responden 33	Menggunakan aplikasi untuk pengaduan gangguan		I Komang Very Ngada Aryawan	Laki laki	22
Responden 34	Menggunakan aplikasi PLN mobile untuk membeli token listrik dan pelaporan gangguan		Maria Jebe	Perempuan	33
Responden 35	Menggunakan aplikasi PLN mobile untuk membeli token listrik, mengecek		I Ketut Aris Setiawan	Laki laki	37

	saldo, pelaporan gangguan				
Responden 36	Fitur *pengaduan* untuk melaporkan gangguan listrik atau masalah teknis.		Dewi Hidayat	Perempuan	26
Responden 37	Cek tagihan listrik bulanan (pascabayar)		Kurnia Andriani	Perempuan	37
Responden 38	Menggunakan PLN mobile untuk melihat informasi promo dan pembelian token listrik		Mariana Bupu	Perempuan	42
Responden 39	Pembelian token listrik		Hizkia Dhiego Gurning	Laki laki	28

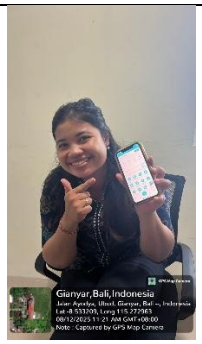
Responden 40	Menggunakan aplikasi PLN mobile untuk melihat informasi promo PLN		Muhammad Ritzy Syechbubakar	Laki laki	28
Responden 41	Menggunakan aplikasi Pembelian Pulsa		I Gusti Ayu Ketut Kusuma Wardani	Perempuan	37
Responden 42	Menggunakan aplikasi Market Place		Farid Mbarok	Laki laki	38
Responden 43	Menggunakan aplikasi Pembelian Pulsa		Susi Pupu Marpuah	Perempuan	33

Responden 44	Aplikasi Cek Pemkaian Listrik		Fandy	Laki laki	25
Responden 45	Pembelian Token Listrik		Atsyiilah Dzakwan Rabbani	Perempuan	24
Responden 46	Menggunakan aplikasi PLN mobile untuk melihat informasi promo PLN , melaporkan gangguan		Hendrianus Teko	Laki laki	45
Responden 47	Pembelian Token Listrik		Yusuf	Laki laki	27
Responden 48	Pembelian Token Listrik		Aryandi Budi Saputra	Laki laki	26

Responden 49	Pembelian Token Listrik		Annesya Nazwa Aulia	Perempuan	23
Responden 50	Pembelian Pulsa		Muhammad Kaka Zibrillian	Laki laki	24
Responden 51	Pembelian Pulsa		Dewi Putri Rahmawati	Perempuan	22
Responden 52	Pembelian Pulsa		Andriyan Adi Surya Pratama	Laki laki	23

Responden 53	Pembelian Pulsa		Zaskia Zasmin Nabila	Perempuan	21
Responden 54	Pemeblian token		Fadheela Azeezah Wahyu Putri	Perempuan	22
Responden 55	Pembelian token		Afdal Elang Arifin	Laki laki	23
Responden 56	Pembelian Pulsa		Bimo Aegyranto Wibowo	Laki laki	22
Responden 57	Pembelian Token		Nadhif Rafi'i Pramana Putra	Laki laki	21

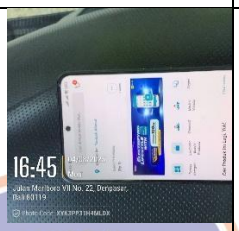
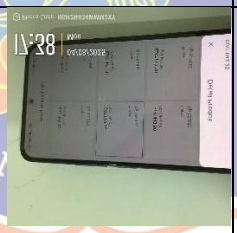
Responden 58	Pembelian token		Bilqiis Dara Ramadan Sasongko	Perempuan	22
Responden 59	Promo PLN		Effendi Hasan	Laki laki	26
Responden 60	Penggunaan Aplikasi Market Place		Nando	Laki laki	25
Responden 61	Pembelian Pulsa		I Ketut Wiguna	Laki laki	26
Responden 62	Pembelian Pulsa		Dewa Ngakan Dino Candra Dinatha	Laki laki	25

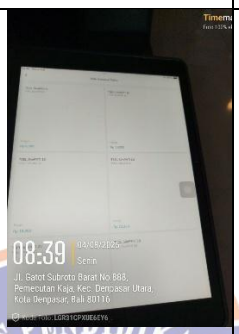
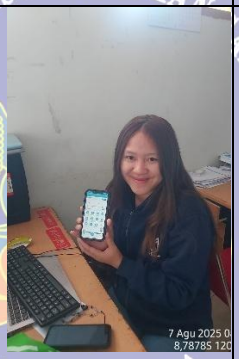
Responden 63	Pembelian Pulsa		I Kadek Bagus Adi Kusuma	Laki laki	27
Responden 64	Pembelian Pulsa		I kadek artha arya pradita	Laki laki	25
Responden 65	Pembelian Token Listrik		Putu agus eka sumaharta putra	Laki laki	25
Responden 66	Pembelian Token Listrik		Eka devi pramita sari	Perempuan	26
Responden 67	Pembelian Token Listrik		I gusti ayu kade yuli kanaya	Perempuan	28

Responden 68	Promo PLN		Ni Putu Intan Meyliana Putri	Perempuan	31
Responden 69	Pengaduan PLN		Maria	Perempuan	44
Responden 70	Promo PLN		Putu Ayuning January Punia Putri	Perempuan	33
Responden 71	Pembelian Token		Ni Made Eva Evi Emi yen meri	Perempuan	32
Responden 72	Promo PLN		I Putu Yoga Sadhu	Laki laki	33
Responden 73	Promo PLN		Pendeta Peter Marten	Laki laki	45

Responden 74	Promo PLN		Ni Wayan Sutersi	Perempuan	44
Responden 75	Promo PLN		Ketut suparmi	Perempuan	44
Responden 76	Memeriksa tagihan PL N Pasca bayar		Martinus	Laki laki	25
Responden 77	Pembelian Pulsa		Maya Saputra	Perempuan	36
Responden 78	Pembelian Pulsa		Zahra Kusuma	Perempuan	26
Responden 79	Pembelian Pulsa		Hana Hidayat	Laki laki	27
Responden 80	Pembelian Pulsa		Eka Anggraini	Perempuan	26

Responden 81	Pembelian Pulsa		Ahmad Firmansyah	Laki laki	34
Responden 82	Pembelian Pulsa		Dini Anjani	Perempuan	23
Responden 83	Pembelian Pulsa		Wahyu Andriani	Perempuan	25
Responden 84	Fitur *pengaduan* untuk melaporkan gangguan listrik atau masalah teknis.		Sariwati	Perempuan	26
Responden 85	Pembelian Pulsa		Oki Wijaya	Laki laki	29
Responden 86	Fitur *pengaduan* untuk melaporkan gangguan listrik atau masalah teknis.		Ahmad Maulana	Laki laki	32

Responden 87	Pembelian Pulsa		Citra Anggraini	Perempuan	32
Responden 88	Pembelian Pulsa		Putri Andriani	Perempuan	34
Responden 89	Penggunaan Market Place		Qori Hidayat	Laki laki	34
Responden 90	Penggunaan Market Place		Indra Handayani	Perempuan	34
Responden 91	Pembellian Pulsa		Rizky Permata	Laki laki	35
Responden 92	Pembellian Pulsa		Qori Fauziah	Perempuan	36
Responden 93	Penggunaan Market Place		Lestari Pratama	Perempuan	36

Responden 94	Pembellian Pulsa		Vina Syahputra	Perempuan	36
Responden 95	Penggunaan Market Place		Xenia Santoso	Perempuan	37
Responden 96	Menggunakan aplikasi PLN mobile untuk mengecek marketplace, membeli token listrik dan pelaporan gangguan		Elisabeth Theresia Anu	Perempuan	38
Responden 97	Menggunakan aplikasi PLN mobile untuk melaporkan gangguan, promo PLN		I Gusti Ngurah Yuda Pratama	Laki laki	35

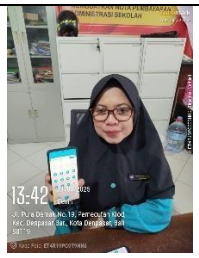
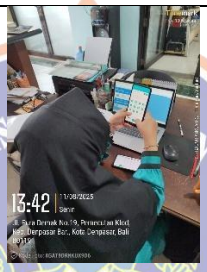
Responden 98	Penggunaan Promo PLN		Roni	Laki laki	31
Responden 99	Pembelian Pulsa		Rian Bayu	Laki laki	33
Responden 100	Pembelian Pulsa		I Gede Kaler Astika Mahayasa	Laki laki	34
Responden 101	Pembelian Pulsa		Ni Kadek Ariani	Perempuan	27
Responden 102	Pembelian Pulsa		I made suwirta	Laki laki	37
Responden 103	Pembelian Token Listrik		Kadek Mahardika	Laki laki	33

Responden 104	Pembelian Pulsa		Dewa ayu agung sekarini	Perempuan	38
Responden 105	Pembelian Pulsa		I Gusti Agung Bagus Angga Widnyana	Laki laki	33
Responden 106	Pembelian Pulsa		Muthia	Perempuan	28
Responden 107	Pembelian Pulsa		Ayu Dewi	Perempuan	31
Responden 108	Pembelian Token Listrik		Ni Made Rianti	Perempuan	38

Responden 109	Pembelian Pulsa		Putu Anandia Pratiwi	Perempuan	39
Responden 110	Pembelian Pulsa		Ni Putu Lulus Ujian Dari	Perempuan	29
Responden 111	Pembelian Pulsa		Yenny Wulandari	Perempuan	31
Responden 112	Pembelian Pulsa		Ni Ketut Suratni	Perempuan	33
Responden 113	Pembelian Token Listrik		Dewa Gede Krisnadana	Laki laki	33
Responden 114	Pembelian Token Listrik		Kadek Adi Surya Wiguna	Laki laki	28

Responden 115	Pembelian Token Listrik		I Wayan Gede Bimantara	Laki laki	24
Responden 116	Pembelian Token Listrik		Meirina	Perempuan	29
Responden 117	Pembelian Pulsa		Kadek Endriyani Kusuma Putri	Perempuan	31
Responden 118	Pembelian Pulsa		Lidya sriwahyuni kurniati	Perempuan	34
Responden 119	Pembelian Token Listrik		Made Ricka Ananda Herryadi	Perempuan	29

Responden 120	Pembelian Token Listrik		Yulianus Takaeb	Laki laki	32
Responden 121	Pembelian Token Listrik		Kadek Artawan	Laki laki	33
Responden 122	Pembelian Token Listrik		Oka Agustin	Perempuan	44
Responden 123	Pembelian Pulsa		Dayang Ruli	Perempuan	33
Responden 124	Pembelian Pulsa		Sania Dewi	Perempuan	45
Responden 125	Pembelian Token Listrik		Gung Rama	Laki laki	45

Responden 126	Pembelian Token Listrik		Made Dewi	Perempuan	43
Responden 127	Pembelian Token Listrik		Dewi Marilia	Perempuan	44
Responden 128	Pembelian Token Listrik		Ariantine	Perempuan	38
Responden 129	Pembelian Pulsa		Ruli Prihartini	Perempuan	34
Responden 130	Pembelian Pulsa		Wayan suradnya	Laki laki	44
Responden 131	Pembelian Token Listrik		Tiara	Perempuan	36

Responden 132	Pembelian Token Listrik		Argandini	Perempuan	38
Responden 133	Pembelian Token Listrik		Mahar Dumi	Perempuan	30
Responden 134	Pembelian Token Listrik		Puji Yuni	Perempuan	31
Responden 135	Pembelian Pulsa		Puspitakola	Perempuan	34
Responden 136	Pembelian Pulsa		Wardani Kusuma	Perempuan	39
Responden 137	Pembelian Token Listrik		Dede M	Laki laki	29

Responden 138	Pembelian Token Listrik		S. Tiara	Perempuan	33
Responden 139	Pembelian Token Listrik		Salsabila Mahadewi	Perempuan	28
Responden 140	Pembelian Token Listrik		Rossa Ratna	Perempuan	25
Responden 141	Pembelian Pulsa		Saifurrahman	Laki laki	35
Responden 142	Pembelian Pulsa		Herlinawati	Perempuan	31

Responden 143	Pembelian Token Listrik		Salsa	Perempuan	29
Responden 144	Pembelian Token Listrik		Dhede Ary	Perempuan	40
Responden 145	Pembelian Token Listrik		Lina	Perempuan	33
Responden 146	Pembelian Token Listrik		Yuri Muria	Perempuan	44
Responden 147	Pembelian Pulsa		Rachyani	Perempuan	40
Responden 148	Pembelian Pulsa		Nengah Suarjana	Laki laki	35

Responden 149	Pembelian Token Listrik		Disa Rahman	Perempuan	34
Responden 150	Pembelian Token Listrik		Melly	Perempuan	44

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Lampiran 1. Wawancara Responden

No	Nama Responden	Uraian	Dokumentasi
1	Ni Putu Lulus Ujiandari	Pengguna Aplikasi PLN Mobile	
2	Kadek Endriyani	Pengguna Aplikasi PLN Mobile	
3	Gita Saraswati	Pengguna Aplikasi PLN Mobile	
4	Made Sangging Bali Marta	Pengguna Aplikasi PLN Mobile	
5	I Nyoman Gde Sukaryawan Arimba	SOF KIN PLN (Supervisor Operasi dan Pemeliharaan)	

Lampiran 5 Wawancara dengan Pengguna Aplikasi PLN *Mobile*

Nama Informan : Ni Putu Lulus Ujiandari
Jabatan : Pengguna Aplikasi PLN *Mobile*
Tanggal Wawancara : 11 agustus 2025

Pihak	Materi Wawancara
Peneliti	Apakah sudah pernah menggunakan aplikasi PLN *Mobile*?
Informan	Sudah pernah menggunakan aplikasi PLN *Mobile.* Sejak pertama kali mengetahui adanya aplikasi tersebut, saya sudah menggunakannya untuk berbagai kebutuhan kelistrikan.
Peneliti	Apakah terdapat kendala-kendala dalam menggunakan aplikasi PLN *Mobile*?
Informan	Terkait dengan kendala dalam menggunakan aplikasi PLN *Mobile*, masih terdapat beberapa kendala yang dirasakan oleh pengguna.
Peneliti	Kendala-kendala apa saja yang pernah dirasakan selama menggunakan aplikasi PLN *Mobile*?
Informan	Kendala yang dirasakan selama menggunakan aplikasi PLN *Mobile* antara lain aplikasi yang terkadang mengalami error, koneksi yang kurang stabil, serta kendala pada saat login sehingga harus mencoba beberapa kali. Selain itu, proses transaksi seperti pembelian token listrik atau pembayaran tagihan terkadang membutuhkan waktu yang cukup lama.
Peneliti	Apakah pernah diadakan sosialisasi atau panduan terkait penggunaan aplikasi PLN *Mobile*?
Informan	Sosialisasi atau panduan terkait penggunaan aplikasi PLN *Mobile* pernah dilakukan melalui aplikasi, media sosial, maupun informasi dari petugas PLN. Namun, masih terdapat beberapa fitur yang belum sepenuhnya dipahami oleh pengguna sehingga memerlukan bantuan tambahan.

Nama Informan : Kadek Endriyani
Jabatan : Pengguna Aplikasi PLN *Mobile*
Tanggal Wawancara : 11 agustus 2025

Pihak	Materi Wawancara
Peneliti	Apakah Anda menggunakan aplikasi PLN *Mobile* dalam mengakses layanan kelistrikan?
Informan	Ya, saya menggunakan aplikasi PLN *Mobile* untuk memantau tagihan listrik, melakukan pembayaran, serta mengajukan pengaduan apabila terjadi gangguan listrik.
Peneliti	Bagaimana pendapat Anda mengenai kemudahan penggunaan aplikasi PLN *Mobile*?
Informan	Secara umum aplikasi PLN *Mobile* cukup mudah digunakan karena tampilan menu yang sederhana dan fitur-fitur utama mudah ditemukan. Namun, bagi pengguna baru masih diperlukan waktu untuk memahami seluruh fungsi yang tersedia.
Peneliti	Apakah terdapat kendala yang Anda alami selama menggunakan aplikasi PLN *Mobile*?
Informan	Kendala yang saya alami biasanya terjadi pada saat aplikasi diakses pada jam-jam tertentu, di mana respon aplikasi menjadi lambat dan terkadang tidak dapat dibuka.
Peneliti	Kendala apa yang paling sering Anda rasakan ketika menggunakan aplikasi PLN *Mobile*?
Informan	Kendala yang paling sering dirasakan adalah lambatnya proses pemuatan halaman, notifikasi yang terkadang terlambat masuk, serta proses pengaduan yang membutuhkan waktu cukup lama untuk mendapatkan tindak lanjut.
Peneliti	Menurut Anda, apakah aplikasi PLN *Mobile* memberikan manfaat bagi pengguna?
Informan	Menurut saya aplikasi PLN *Mobile* sangat bermanfaat karena memudahkan pengguna dalam mengakses layanan PLN tanpa harus datang langsung ke kantor PLN, sehingga lebih efisien dari segi waktu dan tenaga.

Nama Informan : Gita Saraswati
Jabatan : Pengguna Aplikasi PLN *Mobile*
Tanggal Wawancara : 11 agustus 2025

Pihak	Materi Wawancara
Peneliti	Sejak kapan Anda mulai menggunakan aplikasi PLN Mobile?
Informan	Saya mulai menggunakan aplikasi PLN *Mobile* sekitar satu tahun terakhir, terutama untuk memeriksa tagihan listrik dan melakukan pembayaran secara daring.
Peneliti	Menurut Anda, bagaimana kualitas sistem pada aplikasi PLN *Mobile*?
Informan	Menurut saya kualitas sistem pada aplikasi PLN *Mobile* sudah cukup baik, namun masih perlu peningkatan terutama pada stabilitas aplikasi agar tidak mudah mengalami gangguan saat digunakan.
Peneliti	Apakah Anda pernah mengalami kendala teknis saat menggunakan aplikasi PLN *Mobile*?
Informan	Ya, saya pernah mengalami kendala teknis seperti aplikasi yang tiba-tiba tertutup sendiri dan kesulitan saat melakukan login, sehingga harus mengulang proses dari awal.
Peneliti	Bagaimana respon aplikasi PLN *Mobile* saat digunakan untuk transaksi?
Informan	Respon aplikasi pada saat transaksi cukup bervariasi. Terkadang berjalan lancar, namun pada waktu tertentu proses transaksi membutuhkan waktu lebih lama dari biasanya.
Peneliti	Menurut Anda, apakah aplikasi PLN *Mobile* memengaruhi kepuasan Anda sebagai pengguna layanan PLN?
Informan	Aplikasi PLN *Mobile* cukup memengaruhi kepuasan saya sebagai pengguna karena memberikan kemudahan akses layanan. Namun, jika kendala teknis dapat diminimalkan, tingkat kepuasan saya tentu akan lebih tinggi.

Nama Informan : Made Sangging Bali Marta
Jabatan : Pengguna Aplikasi PLN *Mobile*
Tanggal Wawancara : 11 agustus 2025

Pihak	Materi Wawancara
Peneliti	Untuk keperluan apa saja Anda menggunakan aplikasi PLN *Mobile*?
Informan	Saya menggunakan aplikasi PLN *Mobile* untuk melakukan pembayaran tagihan listrik bulanan, membeli token listrik prabayar, serta memantau riwayat transaksi yang telah dilakukan.
Peneliti	Bagaimana pendapat Anda mengenai kelengkapan fitur yang tersedia pada aplikasi PLN *Mobile*?
Informan	Menurut saya fitur yang tersedia pada aplikasi PLN *Mobile* sudah cukup lengkap dan membantu kebutuhan pengguna, terutama untuk layanan dasar kelistrikan. Namun, beberapa fitur masih perlu disederhanakan agar lebih mudah dipahami.
Peneliti	Apakah Anda mengalami kendala dalam mengakses fitur tertentu di aplikasi PLN *Mobile*?
Informan	Kendala yang pernah saya alami adalah kesulitan mengakses menu tertentu karena aplikasi berjalan lambat, terutama saat jaringan internet tidak stabil.
Peneliti	Bagaimana pengalaman Anda terkait kecepatan dan respons aplikasi PLN *Mobile*?
Informan	Kecepatan dan respons aplikasi PLN *Mobile* cukup baik pada kondisi normal, namun pada jam sibuk respon aplikasi terasa lebih lambat dibandingkan waktu lainnya.
Peneliti	Menurut Anda, apakah aplikasi PLN *Mobile* memberikan dampak positif bagi efektivitas layanan PLN?
Informan	Ya, aplikasi PLN *Mobile* memberikan dampak positif karena mempermudah akses layanan tanpa harus datang langsung ke kantor PLN, sehingga proses pelayanan menjadi lebih efisien dan praktis.

Nama Informan : I Nyoman Gde Sukaryawan Arimba

Jabatan: SOF KIN PLN (Supervisor Operasi dan Pemeliharaan)

Tanggal Wawancara : 11 Oktober 2024

Pihak	Materi Wawancara
Peneliti	Apakah aplikasi PLN *Mobile* sudah pernah dilakukan evaluasi sebelumnya oleh pihak PLN?
Informan	Untuk evaluasi aplikasi PLN *Mobile* sebenarnya sudah dilakukan secara berkala, terutama terkait performa sistem, pembaruan fitur, dan penyesuaian dengan kebutuhan pelanggan. Namun evaluasi secara formal berdasarkan kepuasan dan minat pengguna masih terus dikembangkan.
Peneliti	Apakah sudah terdapat informasi mengenai pengaruh aplikasi PLN *Mobile* terhadap minat pengguna layanan PLN?
Informan	Secara umum, aplikasi PLN *Mobile* memberikan pengaruh positif terhadap minat pengguna karena memudahkan akses layanan. Hal ini dapat dilihat dari meningkatnya jumlah pengguna aplikasi dan transaksi digital dibandingkan layanan manual.
Peneliti	Apakah terdapat informasi mengenai kualitas aplikasi PLN *Mobile* terhadap kepuasan pengguna?
Informan	Berdasarkan laporan internal dan masukan dari pelanggan, kualitas aplikasi PLN *Mobile* dinilai cukup baik dan membantu pelayanan. Namun masih terdapat keluhan terkait stabilitas sistem dan kecepatan respon pada waktu tertentu, yang menjadi bahan evaluasi bagi kami.
Peneliti	Sejauh mana pengembangan aplikasi PLN *Mobile* dilakukan hingga saat ini?
Informan	Pengembangan aplikasi PLN *Mobile* dilakukan secara berkelanjutan sesuai dengan kebutuhan pelanggan dan kebijakan digitalisasi PLN. Pengembangan mencakup penambahan fitur layanan, peningkatan keamanan sistem, serta integrasi dengan sistem pembayaran dan pengaduan pelanggan.
Peneliti	Apakah aplikasi PLN *Mobile* memberikan manfaat bagi efektivitas pelayanan PLN?
Informan	Ya, aplikasi PLN *Mobile* sangat membantu efektivitas pelayanan PLN karena dapat mengurangi antrean di kantor pelayanan, mempercepat proses transaksi, serta memudahkan pelanggan dalam menyampaikan pengaduan dan memantau status layanan secara real time.

Lampiran 6. Surat Perijinan dan pelaporan hasil penelitian PLN Unit Distribusi Bali

PLN

UID BALI

Nomor : 6536/SDM.07.02/F05000000/2024
Lampiran : 1 Lembar
Sifat : Segera - Biasa
Hal : Ijin Pencarian Data

11 November 2024

Kepada

Yth. Direktur Universitas Pendidikan Ganesha
Jl. Udayana No 11 Singaraja

Sehubungan surat Saudara nomor : 3476/UN48.14.I/KM/2024 tanggal 29 Agustus 2024 perihal Mohon Ijin Pengambilan Data, dengan ini kami sampaikan hal-hal sebagai berikut:

1. Pada prinsipnya dapat kami setujui permohonan untuk melakukan penelitian dan pencarian data mulai tanggal 11 November 2024 s.d 11 Descember 2024 di PT PLN (Persero) Unit Induk Distribusi Bali kepada mahasiswa Universitas Pendidikan Ganesha a.n.: Ni Putu Viky Aryani, NIM. 2329101034.
2. Untuk mekanisme dan teknis pelaksanaannya serta sehubungan dengan ditunjuknya PT PLN (Persero) UID Bali sebagai objek vital nasional maka permohonan data dilaksanakan melalui sistem online.
3. Sebelum melaksanakan penelitian atau pencarian data agar menghubungi Bagian TJSL PT PLN (Persero) Unit Induk Distribusi Bali, Jln Letda Tantular No. 1 Denpasar dengan contact person Sdr. I Kade Tirtha Yoga Dwyanthara (No HP 085237989767) khususnya yang berkaitan dengan mekanisme ijin pelaksanaan pencarian data di lingkungan Kantor PT PLN (Persero) Unit Induk Distribusi Bali
4. Kepada mahasiswa yang bersangkutan selama melaksanakan penelitian atau pencarian data, apabila diharuskan datang ke lingkungan kantor PT PLN (Persero) Unit Induk Distribusi Bali agar menerapkan protokol kesehatan, mematuhi jam kerja, dan tata tertib di lingkungan kantor, serta dalam pengambilan data tidak bersifat kerahasiaan.

Demikian disampaikan, atas perhatiannya diucapkan terima kasih.

Ditandatangani secara elektronik oleh
SENIOR MANAGER KOMUNIKASI DAN UMUM,

PLN HAMIDI HAMID

Balai Sertifikasi Elektronik

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F (0361) 227101 W www.pln.co.id

Lampiran 7 Laporan Penelitian dan Rekomendasi Perbaikan Aplikasi PLN Mobile

LAPORAN PENELITIAN DAN REKOMENDASI PERBAIKAN APLIKASI PLN MOBILE

Disusun Oleh:
Ni Putu Viky Aryani

UNIVERSITAS PENDIDIKAN GANESHA
PROGRAM PASCASARJANA
PROGRAM STUDI ILMU KOMPUTER
JULI 2026

Kepada:

PLN (Persero) Unit Distribusi Bali

Tanggal: 07 Juli 2026

Judul Penelitian:

ANALISIS KESUKSESAN APLIKASI PLN *MOBILE* MENGGUNAKAN METODE *DELONE* DAN *MCLEAN*

BAB I
PENDAHULUAN

PLN Mobile adalah aplikasi layanan digital terpadu PT PLN (Persero) yang memungkinkan pelanggan mengakses layanan: pembayaran tagihan, pembelian token, pelaporan gangguan, informasi kendaraan listrik berbasis baterai, dan marketplace. Aplikasi ini bertujuan meningkatkan efisiensi operasional, kepuasan pelanggan, dan transformasi digital PLN. Namun, evaluasi empiris menunjukkan adanya ketimpangan antara harapan dan pengalaman pengguna, termasuk:

a. Ulasan negatif di Play Store (~4,45% rating 1 bintang, >6,6% rating <4).
b. Kendala teknis: crash aplikasi, loading lambat, blank screen.
c. Informasi tidak selalu real-time atau konsisten.

Penelitian ini menggunakan model DeLone & McLean untuk mengevaluasi lima dimensi kesuksesan aplikasi: kualitas sistem, kualitas informasi, minat pengguna, kepuasan pengguna, dan net benefit. Metode kuantitatif diterapkan melalui Structural Equation Modeling (SEM) berbasis AMOS, dengan 150 responden purposive sampling pengguna aktif PLN Mobile di beberapa wilayah Indonesia.

BAB II
TEMUAN PENELITIAN

1. Kualitas Sistem

   a. Masalah: Pengguna melaporkan aplikasi mengalami crash, blank screen, loading lambat, dan login yang tidak responsif.

   b. Analisis SEM: Kualitas sistem berpengaruh signifikan terhadap minat pengguna (β=0,21830,240; p<0,01), tetapi tidak signifikan terhadap kepuasan pengguna (β=0,091; p=0,275).

   c. Detail Fitur: Fitur navigasi menu relatif stabil dan mudah digunakan, tetapi E-Billing lambat memuat data tagihan. Fitur Pengaduan Gangguan Listrik menunjukkan respons yang lambat dan pembaruan status tidak sepenuhnya real-time. Temuan ini menunjukkan isu utama pada stabilitas sistem dan daya tanggap aplikasi.

2. Kualitas Informasi

   a. Masalah: Data tagihan, status pengaduan, dan notifikasi layanan tidak selalu real-time, muncul terlambat, atau tidak konsisten.

   b. Analisis SEM: Tidak signifikan terhadap kepuasan pengguna (β=0,135; p=0,209).

   c. Detail Fitur: Informasi tagihan terkadang tidak akurat, riwayat pembayaran tidak jelas, notifikasi pembayaran tidak selalu muncul. Kualitas informasi yang belum optimal mempengaruhi persepsi pengguna terhadap aplikasi.

3. Minat Pengguna

a. Hasil: Minat pengguna berpengaruh positif signifikan terhadap kepuasan pengguna (β=0,501; $p<0,001$), tetapi tidak signifikan terhadap net benefit.

b. Interpretasi: Pengguna cenderung menggunakan aplikasi hanya untuk fitur tertentu, sehingga manfaat bersih belum optimal. Minat pengguna harus diikuti dengan penggunaan seluruh fitur utama.

4. Kepuasan Pengguna

a. Hasil: Kepuasan pengguna berpengaruh signifikan terhadap net benefit (β=0,420; $p<0,001$).

b. Detail: Kepuasan dipengaruhi oleh kecepatan respons aplikasi, kemudahan navigasi, dan pengalaman keseluruhan menggunakan fitur. Tingkat kepuasan tinggi mendorong manfaat nyata seperti efisiensi waktu dan kemudahan akses layanan.

5. Net Benefit

a. Dampak nyata: Penggunaan aplikasi menghasilkan efisiensi waktu, pengurangan kunjungan ke kantor PLN, kemudahan layanan mandiri, peningkatan efektivitas layanan, dan transparansi informasi.

b. Interpretasi: Net benefit tidak hanya bergantung pada minat pengguna, tetapi perlu dukungan kualitas sistem dan kualitas informasi yang optimal serta pemanfaatan semua fitur.

6. Mekanisme Mediasi

a. Model menunjukkan bahwa kualitas sistem dan informasi membentuk minat pengguna, minat kemudian meningkatkan kepuasan, dan kepuasan menjadi mediator utama dalam menghasilkan net benefit.

b. Jalur langsung kualitas sistem/informasi menuju kepuasan atau net benefit tidak signifikan, sehingga kepuasan pengguna menjadi faktor kunci dalam mencapai net benefit.

7. Implikasi Fitur

a. Belum semua fitur berfungsi optimal. Fitur utama yang perlu diperbaiki:

1. E-Billing: percepatan pemuatan data.
2. Pengaduan Gangguan: pembaruan status real-time.
3. Notifikasi: konsistensi dan ketepatan waktu.

b. Fitur stabil: navigasi menu relatif baik, mendukung persepsi positif terhadap kualitas sistem.

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BAB III
SOLUSI SISTEMATIS

Masalah	Solusi Sistematis
Stabilitas sistem (crash, blank screen, loading lambat)	Monitoring real-time (APM), optimasi server & database, patch rutin, regression testing
Kualitas informasi (data tidak realtime, notifikasi tidak konsisten)	Real-time data sync, ETL pipeline, monitoring error, message queue untuk notifikasi
Minat pengguna & net benefit (penggunaan fitur terbatas)	Feature usage analytics, gamifikasi, edukasi pengguna, automated onboarding
Kepuasan pengguna	Feedback loop terintegrasi, usability testing, A/B testing, AI-driven recommendation
Integrasi sistem (transaksi berhasil tapi status tidak update)	API Gateway Management, logging transaksi, automatic retry, database consistency checker
Monitoring & evaluasi	Dashboard KPI, audit bulanan, continuous improvement plan

IV. KESIMPULAN

1. PLN Mobile mendukung layanan digital, tetapi stabilitas, kualitas informasi, integrasi, dan pengalaman pengguna perlu perbaikan.
2. Solusi sistematis yang diusulkan dapat memastikan minat pengguna diikuti oleh pemanfaatan optimal seluruh fitur, meningkatkan kepuasan, dan memperkuat net benefit.
3. Implementasi rekomendasi memungkinkan PLN Mobile menjadi digital service ecosystem yang handal, efisien, dan transparan.

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Lampiran 8 Dokumentasi