

Elektronisches Supplement 7. Itemparameter des 3PL-IRT-Modells.

Num.	Inhalt	n	b_i	KI	a_i	KI
1	NTSM	200	-2.00	[-2.42, -1.58]	1.31	[0.90, 1.72]
2	NTSM	317	0.75	[-0.46, -1.04]	0.79	[0.53, 1.05]
3	NTTB	301	0.39	[-0.08, -0.69]	1.07	[0.75, 1.39]
4	NTSM	305	-0.62	[-0.97, -0.26]	1.93	[1.40, 2.47]
5	NTTB	320	0.21	[-0.09, -0.51]	1.13	[0.81, 1.45]
6	NTSM	369	0.51	[-0.24, -0.78]	0.98	[0.72, 1.24]
7	NTSM	327	0.03	[-0.24, -0.31]	0.88	[0.60, 1.17]
8	NTSM	395	-0.64	[-0.94, -0.33]	1.83	[1.38, 2.27]
9	NTTB	296	-0.07	[-0.36, -0.23]	0.97	[0.66, 1.29]
10	NTTB	201	-1.73	[-2.14, -1.31]	1.56	[1.10, 2.03]
11	NTSM	297	-0.82	[-1.13, -0.51]	1.06	[0.71, 1.41]
12	NTSM	352	0.43	[-0.16, -0.70]	0.83	[0.58, 1.08]
13	NTTB	300	-0.45	[-0.78, -0.11]	1.61	[1.14, 2.08]
14	NTSM	308	0.09	[-0.19, -0.36]	0.66	[0.40, 0.91]
15	NTSM	381	0.60	[-0.34, -0.86]	0.85	[0.60, 1.09]
16	NTTB	387	0.10	[-0.16, -0.37]	1.18	[0.88, 1.48]
17	NTSM	384	0.59	[-0.31, -0.86]	1.31	[1.02, 1.60]
18	NTTB	351	-1.27	[-1.59, -0.96]	1.10	[0.74, 1.46]
19	NTTB	387	-1.70	[-2.04, -1.37]	1.32	[0.94, 1.70]
20	NTSM	367	-0.55	[-0.88, -0.22]	2.10	[1.54, 2.66]
21	NTSM	368	1.23	[-0.93, -1.52]	0.85	[0.60, 1.09]
22	NTTB	354	-0.15	[-0.40, -0.10]	0.63	[0.39, 0.88]
23	NTTB	312	-0.22	[-0.53, -0.10]	1.51	[1.08, 1.94]
24	NTTB	318	-0.2	[-0.52, -0.12]	1.57	[1.13, 2.02]
25	NTTB	389	-0.97	[-1.25, -0.69]	1.18	[0.85, 1.51]
26	NTTB	439	0.02	[-0.22, -0.26]	0.92	[0.68, 1.16]

Num.	Inhalt	n	b_i	KI	a_i	KI
27	NTSM	204	-1.32	[-1.88, -0.75]	4.30	[2.91, 5.69]
28	NTTB	328	-0.85	[-1.18, -0.52]	1.69	[1.22, 2.16]
29	NTSM	314	-0.35	[-0.62, -0.09]	0.53	[0.28, 0.78]
30	NTSM	315	0.04	[-0.26, -0.33]	1.12	[0.79, 1.46]
31	NTTB	308	-0.01	[-0.28, -0.27]	0.76	[0.48, 1.05]
32	NTTB	200	-2.20	[-2.70, -1.70]	2.50	[1.83, 3.16]
33	NTSM	166	-0.80	[-1.33, -0.28]	1.80	[1.06, 2.53]
34	NTSM	372	0.20	[-0.07, -0.47]	1.08	[0.80, 1.37]
35	NTSM	200	0.49	[-0.14, -0.83]	0.53	[0.14, 0.91]
36	NTTB	313	-0.29	[-0.59, -0.02]	1.30	[0.92, 1.69]
37	NTSM	202	-1.06	[-1.48, -0.63]	2.10	[1.35, 2.84]
38	NTSM	323	0.76	[-0.47, -1.05]	0.97	[0.70, 1.25]
39	NTTB	202	-1.73	[-2.29, -1.17]	4.25	[3.02, 5.48]
40	NTTB	202	-1.42	[-1.86, -0.98]	2.19	[1.50, 2.89]
41	NTTB	202	-2.51	[-3.06, -1.95]	3.80	[2.87, 4.74]
42	NTTB	382	-1.31	[-1.60, -1.01]	1.13	[0.79, 1.48]
43	NTSM	395	-0.51	[-0.77, -0.25]	1.04	[0.74, 1.34]
44	NTTB	201	-1.86	[-2.29, -1.43]	1.97	[1.43, 2.50]
45	NTSM	201	-0.62	[-0.97, -0.27]	1.07	[0.61, 1.53]
46	NTSM	389	1.27	[-0.98, -1.56]	0.79	[0.55, 1.03]
47	STSM	200	2.16	[-1.54, -2.78]	0.79	[0.25, 1.32]
48	STTB	317	2.89	[-2.42, -3.35]	1.50	[1.21, 1.79]
49	STSM	204	0.63	[-0.27, -0.99]	0.56	[0.16, 0.97]
50	STTB	321	0.70	[-0.37, -1.04]	1.74	[1.32, 2.17]
51	STTB	367	1.10	[0.80, 1.40]	1.21	[0.94, 1.48]
52	STTB	372	0.41	[0.16, 0.67]	0.87	[0.61, 1.12]
53	STSM	301	1.24	[0.87, 1.60]	1.68	[1.30, 2.07]
54	STTB	201	-1.45	[-1.85, -1.06]	1.48	[1.02, 1.93]

Num.	Inhalt	n	b_i	KI	a_i	KI
55	STTB	375	1.43	[-1.12, 1.74]	1.62	[1.31, 1.92]
56	STTB	320	1.29	[0.96, 1.61]	0.64	[0.37, 0.90]
57	STTB	303	0.11	[-0.18, 0.40]	0.95	[0.63, 1.26]
58	STSM	298	2.32	[1.88, 2.76]	1.10	[0.82, 1.39]
59	STSM	314	0.87	[0.53, 1.20]	1.85	[1.45, 2.25]
60	STSM	378	2.40	[2.02, 2.77]	1.78	[1.49, 2.08]
61	STSM	356	2.08	[1.70, 2.46]	1.43	[1.14, 1.72]
62	STSM	319	1.48	[1.14, 1.82]	1.60	[1.28, 1.92]
63	STTB	313	0.41	[0.10, 0.71]	1.41	[1.04, 1.78]
64	STSM	201	0.87	[0.42, 1.31]	1.88	[1.26, 2.50]
65	STTB	318	0.36	[0.01, 0.70]	1.95	[1.47, 2.44]
66	STSM	307	1.95	[1.56, 2.33]	1.36	[1.05, 1.67]
67	STSM	366	-0.10	[-0.43, 0.23]	2.27	[1.71, 2.84]
68	STTB	355	0.68	[0.41, 0.94]	0.71	[0.47, 0.94]
69	STTB	303	1.23	[0.89, 1.57]	1.37	[1.04, 1.70]
70	STSM	321	1.55	[1.18, 1.92]	1.76	[1.41, 2.11]
71	STTB	301	0.79	[0.48, 1.09]	0.71	[0.44, 0.98]
72	STTB	321	0.20	[-0.09, 0.48]	0.95	[0.66, 1.25]
73	STSM	201	0.73	[0.34, 1.12]	0.87	[0.44, 1.29]
74	STTB	362	-0.35	[-0.64, -0.06]	1.44	[1.04, 1.83]
75	STTB	363	0.55	[0.25, 0.85]	1.51	[1.16, 1.87]
76	STSM	314	-0.05	[-0.36, 0.25]	1.35	[0.96, 1.74]
77	STTB	314	0.48	[0.17, 0.80]	1.50	[1.12, 1.88]
78	STTB	311	-0.22	[-0.54, 0.10]	1.45	[1.04, 1.87]
79	STSM	347	-0.33	[-0.61, -0.05]	1.20	[0.84, 1.55]
80	STTB	372	-1.38	[-1.71, -1.06]	1.77	[1.33, 2.20]
81	NTSM	143	1.03	[0.58, 1.48]	1.21	[0.84, 1.58]
82	NTSM	169	0.10	[-0.34, 0.53]	1.46	[0.98, 1.94]

Num.	Inhalt	n	b_i	KI	a_i	KI
83	NTSM	161	-1.21	[-1.81, -0.61]	2.02	[1.14, 2.90]
84	NTTB	167	0.18	[-0.20, 0.56]	0.81	[0.50, 1.13]
85	NTTB	176	0.38	[-0.04, 0.79]	1.37	[0.96, 1.79]
86	NTTB	156	1.15	[0.68, 1.61]	1.57	[1.17, 1.97]
87	NTSM	181	-0.09	[-0.45, 0.27]	0.75	[0.42, 1.08]
88	NTTB	180	0.68	[0.30, 1.06]	1.05	[0.72, 1.37]
89	NTSM	186	0.62	[0.25, 0.98]	0.80	[0.51, 1.09]
90	NTSM	264	0.61	[0.27, 0.95]	1.42	[1.09, 1.76]
91	NTTB	173	0.15	[-0.20, 0.51]	0.55	[0.27, 0.83]
92	NTTB	165	0.46	[0.09, 0.82]	0.53	[0.25, 0.80]
93	NTTB	180	1.89	[1.42, 2.37]	2.17	[1.73, 2.60]
94	NTSM	173	0.36	[-0.15, 0.87]	2.59	[1.81, 3.37]
95	NTTB	196	0.50	[0.13, 0.87]	1.07	[0.74, 1.41]
96	NTTB	174	0.50	[0.08, 0.92]	1.40	[0.99, 1.82]
97	STSM	170	-0.11	[-0.47, 0.25]	0.55	[0.25, 0.84]
98	STSM	164	0.96	[0.53, 1.38]	1.34	[0.98, 1.70]
99	STTB	186	1.09	[0.71, 1.47]	0.84	[0.54, 1.13]
100	STTB	171	0.60	[0.14, 1.06]	1.77	[1.25, 2.30]
101	STTB	174	0.33	[-0.03, 0.70]	0.7	[0.40, 1.00]
102	STSM	162	2.49	[1.99, 3.00]	1.68	[1.33, 2.03]
103	NTTB	159	0.93	[0.51, 1.35]	1.21	[0.86, 1.55]
104	STSM	152	0.54	[0.12, 0.96]	1.00	[0.67, 1.33]
105	STSM	175	0.48	[0.10, 0.86]	0.98	[0.64, 1.32]
106	STTB	163	1.28	[0.85, 1.70]	0.50	[0.22, 0.79]
107	NTTB	114	0.79	[0.24, 1.34]	1.81	[1.27, 2.35]
108	NTTB	112	1.43	[0.83, 2.03]	2.20	[1.61, 2.78]
109	NTTB	116	-0.22	[-0.66, 0.23]	0.53	[0.19, 0.87]
110	NTTB	117	1.21	[0.68, 1.75]	1.96	[1.43, 2.49]

Num.	Inhalt	n	b_i	KI	a_i	KI
111	NTSM	127	0.34	[-0.11, 0.79]	0.96	[0.59, 1.33]
112	STTB	115	1.29	[0.80, 1.77]	0.63	[0.33, 0.94]
113	STTB	116	-0.14	[-0.58, 0.31]	0.57	[0.23, 0.91]
114	STTB	94	0.61	[0.08, 1.15]	1.10	[0.66, 1.54]
115	STTB	116	0.59	[0.07, 1.12]	1.51	[1.01, 2.01]
116	STSM	123	0.79	[0.35, 1.22]	0.52	[0.23, 0.82]
117	STSM	106	0.66	[0.17, 1.14]	0.90	[0.55, 1.26]
118	NTTB	128	0.28	[-0.21, 0.77]	1.31	[0.85, 1.78]
119	NTTB	88	0.86	[0.31, 1.41]	1.12	[0.68, 1.56]
120	NTTB	101	1.06	[0.53, 1.58]	1.29	[0.86, 1.72]
121	NTSM	100	1.94	[1.36, 2.52]	1.67	[1.23, 2.11]
122	NTSM	103	1.89	[1.33, 2.44]	1.30	[0.94, 1.67]
123	NTSM	106	2.11	[1.56, 2.67]	1.40	[1.02, 1.78]
124	STTB	124	-0.42	[-1.01, 0.17]	1.75	[0.98, 2.52]
125	STTB	110	1.05	[0.47, 1.63]	2.15	[1.52, 2.78]
126	STTB	107	0.96	[0.46, 1.46]	1.15	[0.76, 1.55]
127	STTB	101	2.44	[1.82, 3.05]	1.37	[1.02, 1.72]
128	STSM	102	2.06	[1.48, 2.63]	1.01	[0.68, 1.35]
129	STSM	105	0.77	[0.18, 1.35]	1.89	[1.29, 2.50]
130	STSM	111	3.02	[2.44, 3.61]	2.07	[1.69, 2.45]
131	STSM	111	3.56	[2.90, 4.21]	2.29	[1.88, 2.71]
132	NTSM	118	0.54	[0.05, 1.03]	1.41	[0.93, 1.89]

Anmerkungen: Num. = laufende Nummer, Inhaltsbereich Inhalt: NT = Narrativer Text, ST = Sachtext, TB = Textbasis, SM = Situationsmodell, n = Anzahl der Schülerinnen und Schüler, die das Item beantwortet haben, b_i = Schwierigkeitsparameter, a_i = Diskriminationsparameter, KI = 95 %-Konfidenzintervall.