

Supplement to: On the Robustness of Reciprocal Associations Between Personality and  
Religiosity in a German Sample

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**State Specific Estimates and Convergence Problems**

Table 1

*Estimates (with 95% confidence intervals) and convergence and estimation problems in the CLPM with latent traits and all traits modeled simultaneously*

State	Agreeableness			Conscientiousness			Extraversion			Neuroticism		
	Prob.	Estimate		Prob.	Estimate		Prob.	Estimate		Prob.	Estimate	
Schleswig-Holstein	No	0.05 (-0.00, 0.10)	No	No	0.02 (-0.03, 0.07)	No	No	0.03 (-0.02, 0.08)	No	No	0.04 (-0.02, 0.10)	No
Hamburg	Yes	0.05 (-0.02, 0.12)	Yes	Yes	0.02 (-0.05, 0.10)	Yes	Yes	0.04 (-0.02, 0.10)	Yes	Yes	0.00 (-0.05, 0.05)	Yes
Lower Saxony	No	0.02 (-0.01, 0.04)	No	No	-0.00 (-0.03, 0.02)	No	No	0.00 (-0.02, 0.03)	No	No	-0.01 (-0.03, 0.01)	No
North Rhine-Westphalia	No	0.03 (0.01, 0.05)	No	No	0.01 (-0.01, 0.03)	No	No	0.01 (-0.00, 0.03)	No	No	0.00 (-0.02, 0.02)	No
Hesse	No	0.05 (0.01, 0.08)	No	No	0.03 (-0.01, 0.06)	No	No	0.02 (-0.01, 0.05)	No	No	-0.02 (-0.05, 0.01)	No
Rhineland-Palatinate	No	-0.01 (-0.05, 0.03)	No	No	-0.02 (-0.06, 0.02)	No	No	0.00 (-0.03, 0.04)	No	No	0.01 (-0.03, 0.01)	No
Baden-Wuerttemberg	No	0.02 (-0.01, 0.05)	No	No	-0.02 (-0.05, 0.00)	No	No	-0.00 (-0.02, 0.02)	No	No	-0.00 (-0.03, 0.03)	No
Bavaria	No	-0.00 (-0.02, 0.02)	No	No	-0.01 (-0.03, 0.01)	No	No	-0.00 (-0.02, 0.02)	No	No	0.00 (-0.02, 0.02)	No
Berlin	No	0.01 (-0.03, 0.05)	No	No	0.02 (-0.02, 0.05)	No	No	0.01 (-0.02, 0.04)	No	No	0.00 (-0.04, 0.04)	No
Brandenburg	No	0.01 (-0.03, 0.05)	No	No	-0.02 (-0.06, 0.02)	No	No	0.02 (-0.02, 0.05)	No	No	0.02 (-0.02, 0.02)	No
Mecklenburg-Western Pomerania	No	0.02 (-0.04, 0.08)	No	No	-0.01 (-0.06, 0.04)	No	No	0.01 (-0.04, 0.05)	No	No	-0.02 (-0.07, 0.03)	No
Saxony	No	0.00 (-0.03, 0.03)	No	No	0.00 (-0.03, 0.03)	No	No	0.00 (-0.02, 0.03)	No	No	0.00 (-0.03, 0.03)	No
Saxony-Anhalt	No	0.02 (-0.02, 0.06)	No	No	0.01 (-0.03, 0.04)	No	No	-0.01 (-0.05, 0.02)	No	No	0.01 (-0.03, 0.01)	No
Thuringia	No	0.00 (-0.03, 0.04)	No	No	0.02 (-0.02, 0.05)	No	No	-0.01 (-0.04, 0.02)	No	No	-0.02 (-0.06, 0.02)	No

## References