

Table 4. Hierarchical regression models testing personality moderation of profile-probability–well-being associations (N = 553)

Outcome	Baseline Model		Moderation Model		Comparison		
	R ²	F (df1, df2)	R ²	F (df1, df2)	ΔR ²	ΔF (df1, df2)	p (ΔF)
Mental Well-being	0.50	49.76 (11, 541)	0.53	13.98 (41, 511)	0.03	0.93 (30, 511)	0.57
Positive Affect	0.39	31.99 (11, 541)	0.43	9.213 (41, 511)	0.03	0.92 (30, 511)	0.60
Positive Functioning	0.50	49.21 (11, 541)	0.53	14.00 (41, 511)	0.03	1.04 (30, 511)	0.41
Personal Relationship	0.34	25.27 (11, 541)	0.37	7.197 (41, 511)	0.03	0.72 (30, 511)	0.87

Note. The baseline model included Extraversion, Openness, Conscientiousness, Agreeableness, and Negative emotionality (Neuroticism) and probabilities of Profile 1 to 6. Moderation model added all trait × profile-probability interactions (5 × 6 = 30 terms). ΔF tests the increment in explained variance from adding the interaction block. In these models, Profile 7 was treated as the reference profile by omitting its posterior probability.