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TABLE 2

Regression Analysis: Determinants of Ranked Eminence for Creators and Leaders

Independent variable	*b*	*SE*	*β*	*F*
Constant (creators)	135.411	78.335		
Linear (creators)				
Year of birth	−.308	.055	−.346	30.928**
Data reliability	1.109	.285	.262	14.875**
Father's status (F)	2.002	6.112	.025	.107
Intelligence (I)	.879	.613	.140	2.052
Education (E)	4.872	6.548	.060	.554
Versatility (V)	11.748	9.763	.102	1.448
Life span (S)	.660	.512	.097	1.662
Quadratic (creators)				
Father's status (F^2)	7.571	4.923	.125	2.365
Intelligence (I^2)	.006	.033	.019	.030
Education (E^2)	−11.960	4.234	−.227	7.980**
Versatility (V^2)	.988	4.022	.021	.060
Life span (S^2)	.062	.026	.168	5.841*
Leader (L)[a]	16.900	20.489	.093	.680
Linear interactions				
F × L	1.204	9.866	.010	.015
I × L	−.160	.909	−.011	.012
E × L	−24.874	11.560	−.178	4.630*
V × L	35.857	18.173	.152	3.893*
S × L	−1.619	.804	−.146	4.059*
Quadratic interactions				
F^2 × L	−2.388	7.352	−.032	.106
I^2 × L	.011	.042	.029	.064
E^2 × L	13.266	6.495	.175	4.172*
V^2 × L	−21.566	15.949	−.102	2.054
S^2 × L	−.016	.048	−.026	.114

Note. Intelligence is measured between the ages of 17 and 26; $F(23, 277) = 4.06$, $p < .01$; $R^2 = .25$.

[a] The dummy variable *leader* and the following interactions test if leaders significantly differ from the corresponding regression coefficients for the creators. If the interactions are *not* significant, then leaders and creators have the *same* functional relationship.

* $p < .05$.

** $p < .01$.