

Defense mechanisms and social mentalities in grandiose narcissism: an empirical investigation

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SUPPLEMENTARY MATERIAL

Supplementary Table 1. Indirect (including component), direct, and total effects of the mediation analysis with social mentalities (SMS) as mediators of the relationship between overall defensive functioning (DMRS-SR-30) and narcissism (NARQ), moderated by gender (N=478).

Moderator		95% C.I.							
Levels									
Gender	Type	Effect	Estimate	SE	Lower	Upper	β	Z	p
Average	Indirect	ODF $\Rightarrow$ Insecurity $\Rightarrow$ NARQ_Total_Score	0.124	0.052	0.023	0.225	0.046	2.406	0.016
Average		ODF $\Rightarrow$ Prosociality $\Rightarrow$ NARQ_Total_Score	-0.167	0.047	-0.259	-0.075	-0.061	-3.565	<0.001

Average		ODF $\Rightarrow$ Agonism $\Rightarrow$ NARQ_Total_Score	−0.412	0.071	−0.552	−0.273	−0.152	−5.810	<0.001
Average		ODF $\Rightarrow$ Belongingness $\Rightarrow$ NARQ_Total_Score	0.017	0.042	−0.066	0.099	0.006	0.395	0.693
Average		ODF $\Rightarrow$ Sexuality $\Rightarrow$ NARQ_Total_Score	0.021	0.018	−0.014	0.055	0.008	1.188	0.235
Average		ODF $\Rightarrow$ Playfulness $\Rightarrow$ NARQ_Total_Score	−0.001	0.039	−0.079	0.076	−0.001	−0.036	0.971
Average	Component	ODF $\Rightarrow$ Insecurity	−1.357	0.132	−1.616	−1.098	−0.442	−10.260	<0.001
Average		Insecurity $\Rightarrow$ NARQ_Total_Score	−0.091	0.037	−0.164	−0.019	−0.103	−2.475	0.013
Average		ODF $\Rightarrow$ Prosociality	0.740	0.127	0.491	0.990	0.265	5.810	<0.001
Average		Prosociality $\Rightarrow$ NARQ_Total_Score	−0.225	0.050	−0.323	−0.128	−0.231	−4.515	<0.001
Average		ODF $\Rightarrow$ Agonism	−0.705	0.109	−0.919	−0.490	−0.288	−6.440	<0.001
Average		Agonism $\Rightarrow$ NARQ_Total_Score	0.585	0.043	0.500	0.670	0.526	13.473	<0.001
Average		ODF $\Rightarrow$ Belongingness	0.890	0.144	0.608	1.172	0.282	6.191	<0.001
Average		Belongingness $\Rightarrow$ NARQ_Total_Score	0.019	0.047	−0.073	0.111	0.022	0.396	0.692
Average		ODF $\Rightarrow$ Sexuality	0.210	0.165	−0.112	0.533	0.061	1.277	0.202
Average		Sexuality $\Rightarrow$ NARQ_Total_Score	0.099	0.031	0.039	0.160	0.127	3.234	0.001
Average		ODF $\Rightarrow$ Playfulness	0.896	0.133	0.635	1.157	0.305	6.734	<0.001
Average		Playfulness $\Rightarrow$ NARQ_Total_Score	−0.002	0.044	−0.088	0.085	−0.002	−0.036	0.971
Average	Direct	ODF $\Rightarrow$ NARQ_Total_Score	−0.227	0.119	−0.461	0.007	−0.083	−1.898	0.058

Average	Total	ODF $\Rightarrow$ NARQ_Total_Score	−0.638	0.118	−0.868	−0.407	−0.239	−5.422	<0.001
1	Indirect	ODF $\Rightarrow$ Insecurity $\Rightarrow$ NARQ_Total_Score	0.093	0.045	0.004	0.182	0.036	2.057	0.040
		ODF $\Rightarrow$ Prosociality $\Rightarrow$ NARQ_Total_Score	−0.088	0.041	−0.169	−0.007	−0.033	−2.127	0.033
		ODF $\Rightarrow$ Agonism $\Rightarrow$ NARQ_Total_Score	−0.426	0.076	−0.574	−0.278	−0.163	−5.627	<0.001
		ODF $\Rightarrow$ Belongingness $\Rightarrow$ NARQ_Total_Score	−0.036	0.050	−0.134	0.063	−0.014	−0.711	0.477
		ODF $\Rightarrow$ Sexuality $\Rightarrow$ NARQ_Total_Score	0.016	0.017	−0.018	0.050	0.006	0.930	0.352
		ODF $\Rightarrow$ Playfulness $\Rightarrow$ NARQ_Total_Score	−0.038	0.036	−0.109	0.033	−0.014	−1.044	0.296
	Component	ODF $\Rightarrow$ Insecurity	−1.180	0.158	−1.489	−0.871	−0.384	−7.485	<0.001
		Insecurity $\Rightarrow$ NARQ_Total_Score	−0.079	0.037	−0.151	−0.007	−0.093	−2.139	0.032
		ODF $\Rightarrow$ Prosociality	0.744	0.152	0.446	1.042	0.267	4.896	<0.001
		Prosociality $\Rightarrow$ NARQ_Total_Score	−0.118	0.050	−0.216	−0.020	−0.126	−2.362	0.018
		ODF $\Rightarrow$ Agonism	−0.838	0.131	−1.093	−0.582	−0.342	−6.416	<0.001
		Agonism $\Rightarrow$ NARQ_Total_Score	0.509	0.043	0.423	0.594	0.475	11.713	<0.001
		ODF $\Rightarrow$ Belongingness	1.063	0.171	0.727	1.399	0.337	6.202	<0.001
		Belongingness $\Rightarrow$ NARQ_Total_Score	−0.034	0.047	−0.126	0.058	−0.040	−0.716	0.474
		ODF $\Rightarrow$ Sexuality	0.195	0.196	−0.190	0.579	0.056	0.992	0.321
		Sexuality $\Rightarrow$ NARQ_Total_Score	0.082	0.031	0.022	0.143	0.109	2.679	0.007

		ODF $\Rightarrow$ Playfulness	0.804	0.159	0.493	1.115	0.273	5.066	<0.001
		Playfulness $\Rightarrow$ NARQ_Total_Score	-0.047	0.044	-0.133	0.039	-0.053	-1.067	0.286
	Direct	ODF $\Rightarrow$ NARQ_Total_Score	-0.129	0.133	-0.390	0.133	-0.049	-0.964	0.335
	Total	ODF $\Rightarrow$ NARQ_Total_Score	-0.606	0.140	-0.881	-0.332	-0.228	-4.323	<0.001
2	Indirect	ODF $\Rightarrow$ Insecurity $\Rightarrow$ NARQ_Total_Score	0.159	0.061	0.040	0.278	0.055	2.619	0.009
		ODF $\Rightarrow$ Prosociality $\Rightarrow$ NARQ_Total_Score	-0.245	0.077	-0.397	-0.094	-0.085	-3.168	0.002
		ODF $\Rightarrow$ Agonism $\Rightarrow$ NARQ_Total_Score	-0.379	0.119	-0.612	-0.146	-0.132	-3.184	0.001
		ODF $\Rightarrow$ Belongingness $\Rightarrow$ NARQ_Total_Score	0.051	0.037	-0.023	0.124	0.018	1.356	0.175
		ODF $\Rightarrow$ Sexuality $\Rightarrow$ NARQ_Total_Score	0.026	0.032	-0.036	0.088	0.009	0.833	0.405
		ODF $\Rightarrow$ Playfulness $\Rightarrow$ NARQ_Total_Score	0.043	0.044	-0.044	0.130	0.015	0.972	0.331
	Component	ODF $\Rightarrow$ Insecurity	-1.533	0.212	-1.949	-1.117	-0.499	-7.222	<0.001
		Insecurity $\Rightarrow$ NARQ_Total_Score	-0.104	0.037	-0.176	-0.031	-0.111	-2.810	0.005
		ODF $\Rightarrow$ Prosociality	0.737	0.205	0.336	1.138	0.264	3.600	<0.001
		Prosociality $\Rightarrow$ NARQ_Total_Score	-0.333	0.050	-0.431	-0.235	-0.323	-6.669	<0.001
		ODF $\Rightarrow$ Agonism	-0.572	0.176	-0.917	-0.228	-0.234	-3.256	0.001
		Agonism $\Rightarrow$ NARQ_Total_Score	0.661	0.043	0.576	0.747	0.563	15.233	<0.001
		ODF $\Rightarrow$ Belongingness	0.717	0.231	0.264	1.169	0.227	3.106	0.002

	Belongingness ⇒ NARQ_Total_Score	0.071	0.047	−0.021	0.163	0.078	1.507	0.132
	ODF ⇒ Sexuality	0.226	0.264	−0.292	0.744	0.065	0.854	0.393
	Sexuality ⇒ NARQ_Total_Score	0.116	0.031	0.056	0.177	0.140	3.789	<0.001
	ODF ⇒ Playfulness	0.988	0.214	0.570	1.407	0.336	4.625	<0.001
	Playfulness ⇒ NARQ_Total_Score	0.044	0.044	−0.042	0.130	0.045	0.994	0.320
Direct	ODF ⇒ NARQ_Total_Score	−0.325	0.174	−0.665	0.016	−0.113	−1.869	0.062
Total	ODF ⇒ NARQ_Total_Score	−0.669	0.189	−1.039	−0.299	−0.251	−3.544	<0.001

DMRS-SR-30, Defense Mechanism Rating Scales-Self-Report-30; ODF, overall defensive functioning; SMS, Social Mentalities Scale; NARQ, Narcissistic Admiration and Rivalry Questionnaire.