

Supplementary Table 2. Simple slope analysis for proving interaction effects

BDNF Val66Met	Social support	Effect	SE	t	p	LLCI	ULCI
PTSD (N=114)							
Val/Val	25.619	0.604	0.208	2.909	0.004	0.192	1.016
Val/Val	37.649	0.593	0.174	3.417	0.001	0.249	0.937
Val/Val	49.679	0.582	0.224	2.600	0.011	0.138	1.025
Met carriers	25.619	-0.037	0.187	-0.196	0.845	-0.407	0.334
Met carriers	37.649	-0.048	0.145	-0.329	0.743	-0.335	0.240
Met carriers	49.679	-0.059	0.200	-0.293	0.770	-0.456	0.338
HCs (N=94)							
Val/Val	39.574	0.948	0.241	3.929	0.000	0.468	1.428
Val/Val	48.085	0.751	0.219	3.433	0.001	0.316	1.185
Val/Val	56.597	0.553	0.233	2.376	0.020	0.090	1.016
Met carriers	39.574	0.498	0.121	4.114	0.000	0.257	0.739
Met carriers	48.085	0.301	0.129	2.341	0.022	0.045	0.556
Met carriers	56.597	0.104	0.188	0.552	0.582	-0.270	0.477

PTSD, post-traumatic stress disorder; HC, healthy control; SE, standard error; LLCI, ULCI, lower and upper limits within the 95% confidence interval of the moderating effects