Target	Predictor	Impact on ρ	Regression weights	FDR p	Raw p
Ability T3	Connectivity T3 w/o L DLPFC to L IFG	0.038	0.0026	0.002	0.0014
Ability T3	Connectivity T3 w/o L DLPFC to L PTL	0.034	-0.0047	0.0009	0.0006
Ability T3	Connectivity T3 w/o SMA to L IFG	0.001	-0.0058	0.0002	0.0001
Ability T3	Connectivity T3 w/o SMA to L PTL	0.037	-0.0001	0.9226	0.9086
Ability T3	Connectivity T3 w/o L IFG to L PTL	0.006	-0.0033	0.0038	0.0028
Ability T3	**Connectivity T3 w/o L PTL to L IFG**	**-0.033**	**-0.0051**	**0.0002**	0.0001
Ability T3	**Connectivity T3 w/o R IFG to L IFG**	**-0.254**	**0.0146**	**0.0002**	0.0001
Ability T3	Connectivity T3 w/o R DLPFC to L IFG	0.026	0.0046	0.0002	0.0001
Ability T3	Connectivity T3 w/o R DLPFC to L PTL	0.018	-0.0019	0.0415	0.0358