Supplementary data

Table e-1: Meta-regression analyses

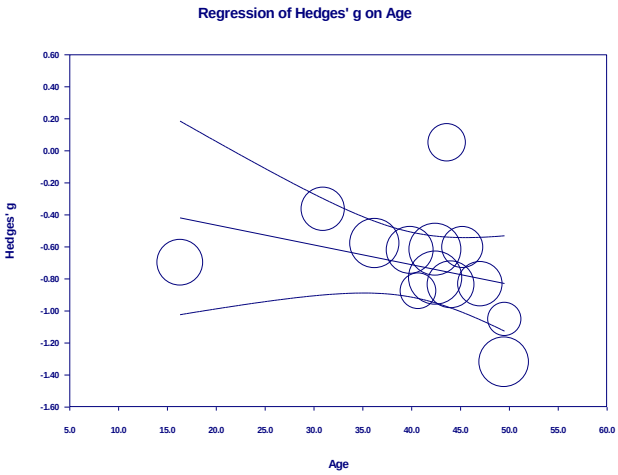
Domain	Variable	*k*	*B*	*SE*	*Z*	*p*
ToM	Age	13	-0.0123	0.0097	-1.27	.203
	Male (%)	12	-0.0040	0.0115	-0.35	.725
	Years of education	9	-0.0893	0.0594	-1.50	.133
	Disease duration	12	-0.0278	0.0232	-1.20	.231
	Progressive course (%)	12	-0.0066	0.0048	-1.37	.172
	EDSS	8	-0.0020	0.0890	-0.02	.982
FER	Age	13	-0.0314	0.0122	-2.56	.010
	Male (%)	12	0.0063	0.0063	1.00	.318
	Years of education	12	0.0220	0.0697	0.32	.753
	Disease duration	12	-0.0520	0.0303	-1.72	.086
	Progressive course (%)	12	-0.0043	0.0028	-1.52	.129
	EDSS	10	-0.1129	0.0615	-1.84	.066

Note: *p*-values are two-tailed

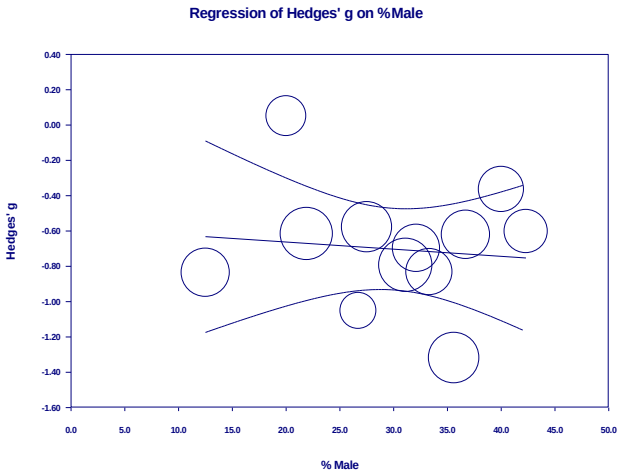
Abbreviations: *B*: coefficient; EDSS: Expanded Disability Status Scale; FER: Facial emotion recognition; *k*: number of studies; ToM: Theory of mind

Figure e-1: Theory of Mind meta-regression scatterplots

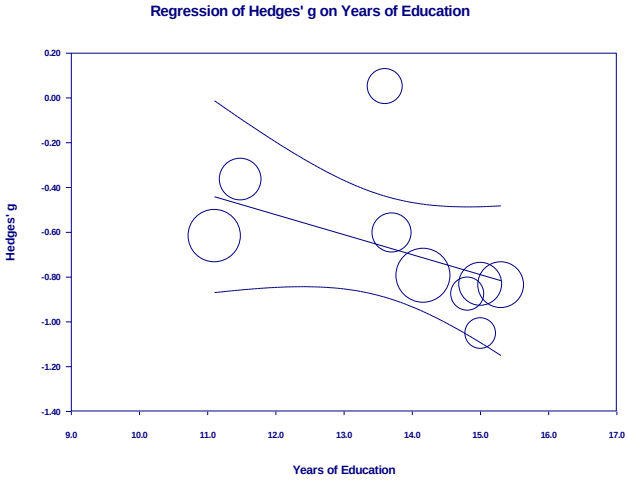
Age



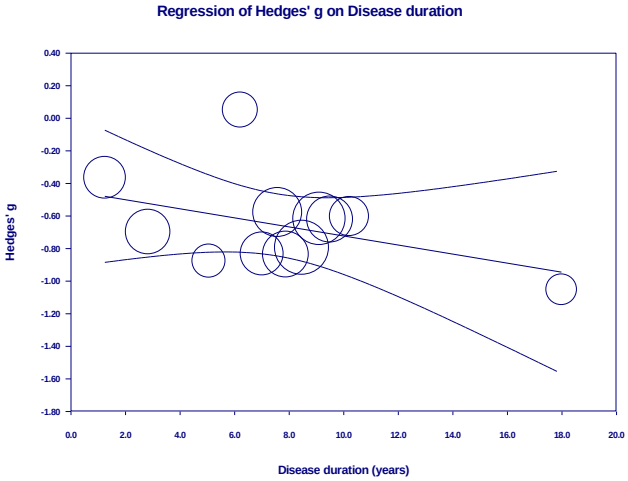
% Male



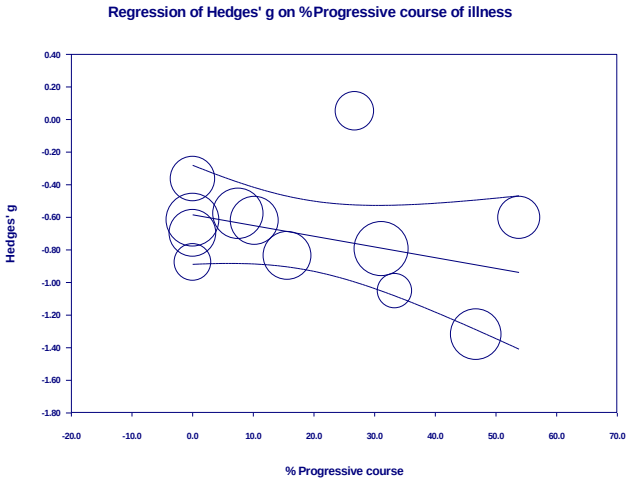
Years of education



Disease duration



% Progressive disease course



EDSS

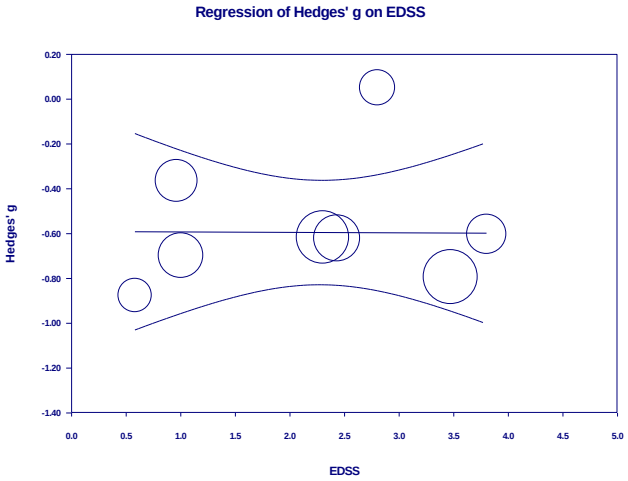
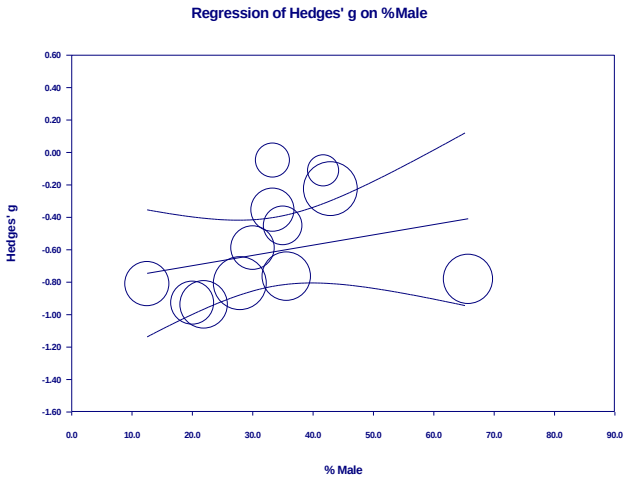


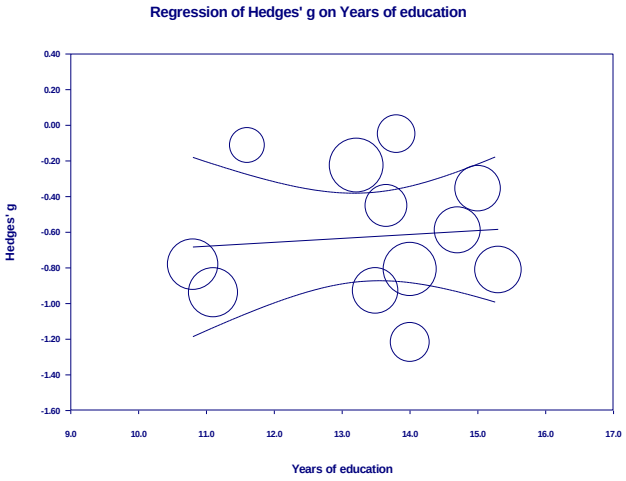
Figure e-2: Facial emotion recognition meta-regression scatterplots

Age

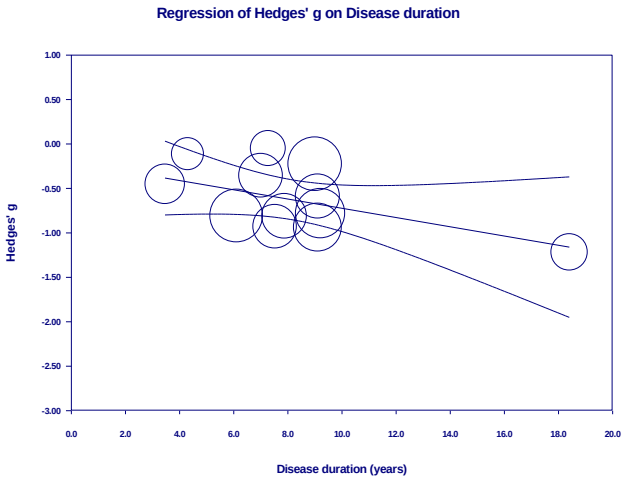
% Male



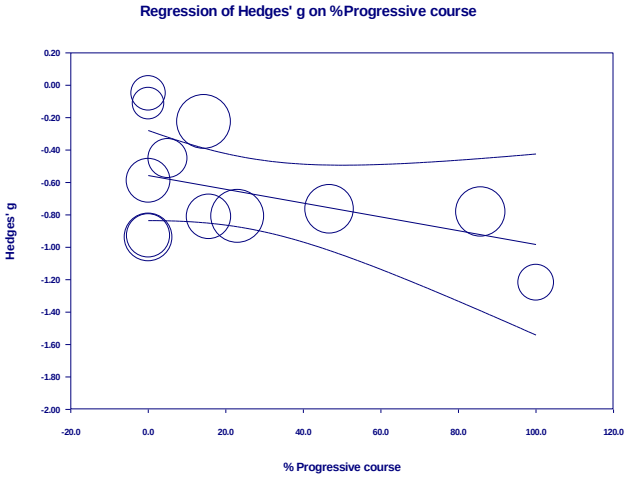
Years of education



Disease duration



% Progressive disease course



EDSS

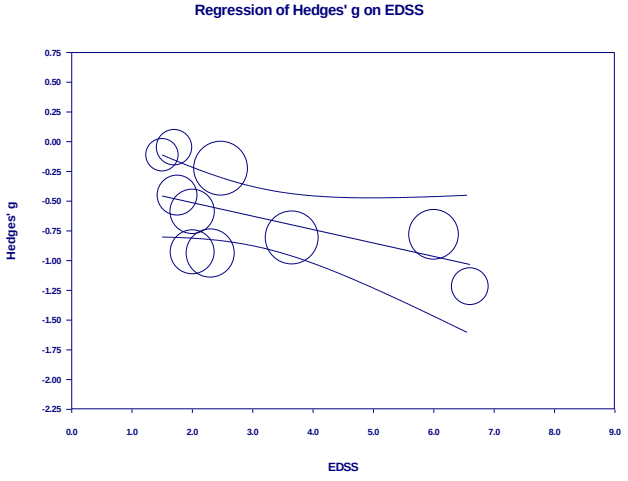
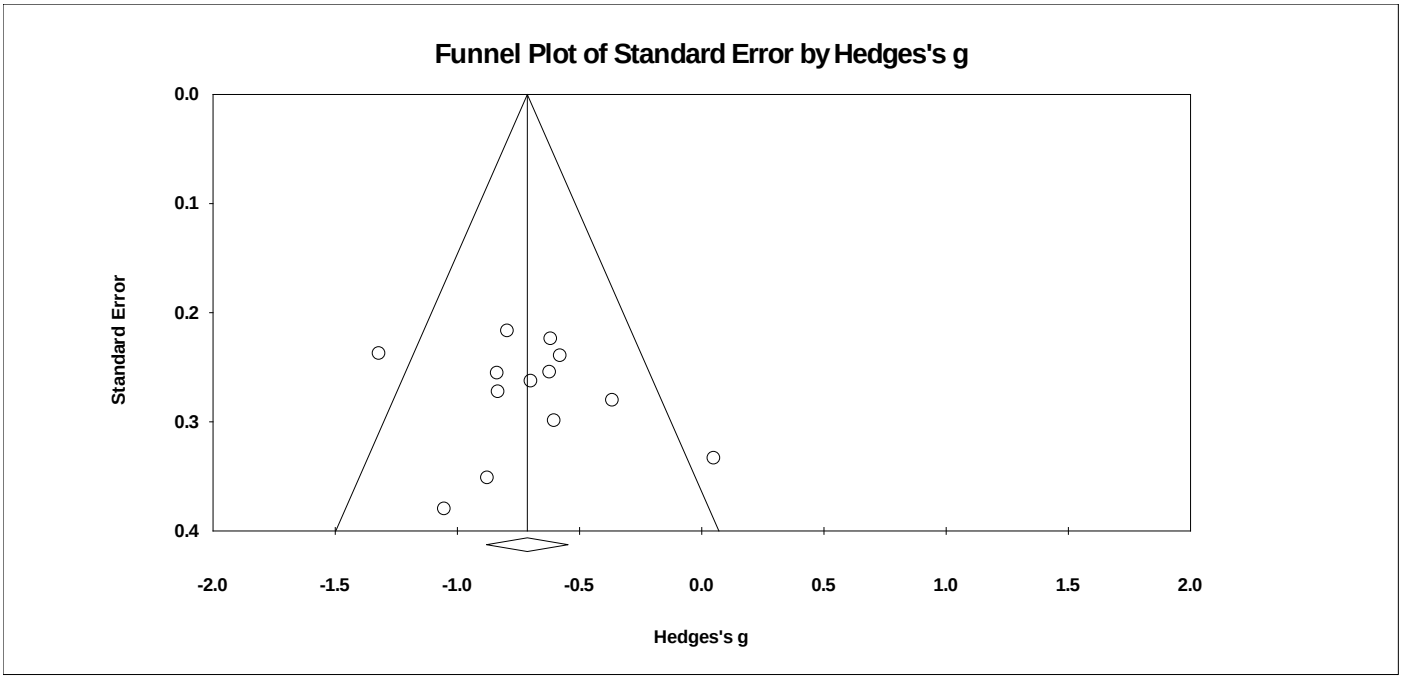


Figure e-3: Funnel plots for overall analyses

Theory of Mind



Facial emotion recognition