

Table 1

Results of examined papers using intra-class correlation as a reliability metric.

First Author	Year	Task	Design	Type	Basis	Contrast	# Subs	Approximate T-R Interval	Min ICC	Mean ICC	Max ICC
Caceres ⁴⁷	2009	^a Auditory Target Detection	Block	Sig. Voxels	Contrast Values	Task vs Rest	10	3 Months	-	0.35	-
Caceres ⁴⁷	2009	^a N-Back Working Memory	Block	Sig. Voxels	Contrast Values	Task vs Control	10	3 Months	-	0.49	-
Freyer ⁹⁴	2009	^b Probabilistic Reversal Learning	Event	All Voxels	Contrast Values	Task vs Control	10	16 Weeks	-	-	-
Gountouna ⁹⁵	2009	Finger tapping	Block	ROI	Percent Signal Change	Task vs Rest	14	Unknown	0.23	0.53	0.72
Bosnell ⁷¹	2008	Hand Tapping	Block	ROI	Percent Signal Change	Task vs Rest	22	< 1 Day	-	0.82	-
Friedman ⁸	2008	^{a,c} Finger Tapping	Block	ROI	Percent Signal Change	Task vs Rest	5	1 Day	0.47	0.74	0.85
Schunck ⁹⁶	2008	Anticipatory Anxiety	Block	ROI	Percent Signal Change	Task vs Rest	14	10 Days	-0.06	0.34	0.66
Kong ⁹⁷	2007	Finger tapping	Block	ROI	Percent Signal Change	Task vs Rest	8	1 Week	0.00	0.37	0.76
Kong ⁹⁷	2007	Acupuncture	Block	ROI	Percent Signal Change	Task vs Rest	8	1 Week	0.00	0.16	0.54
Raemaekers ⁵⁸	2007	Prosaccade/Antisaccade Probabilistic classification	Event	All Voxels	<i>t</i> -Statistic Values	Task vs Rest	12	1 Week	-0.08	-	0.79
Aron ⁵²	2006	Amygdala-Facial affect localizer	Event	ROI	Contrast Values	Task vs Rest	8	59 Weeks	0.76	0.88	0.99
Johnstone ⁹⁸	2005		Block	Amygdala ROI	Contrast Values	Task vs Rest	15	8 weeks	0.02	0.38	0.63
Wei ⁹⁹	2004	Auditory two-back	Block	ROI	Activation Index	Task vs Rest	8	9 Weeks	0.14	0.43	0.71
Specht ¹⁰⁰	2003	^b Visual Attention	Event	Sig. Voxels	Percent Signal Change	Task vs Rest	5	8 Weeks	-	-	-
Manoach ⁶⁶	2001	Sternberg item recognition	Event	ROI	Percent Signal Change	Task vs Control	7	14 Weeks	0.23	0.52	0.81
Mean Value									0.17	0.50	0.75

^a - Median value given

^b - Data presented as graphs or figures, unable to quantify values

^c - Data acquired from multiple scanners