

Table 2

*Results of examined papers using cluster overlap as a reliability metric.*

First Author	Year	Task	Design	Calculation	Basis	Contrast	Threshold	# Subs	Approximate T-R Interval	Dice Overlap		
										Min Overlap	Avg Overlap	Max Overlap
Duncan <sup>41</sup>	2009	<sup>a</sup> One-back object/word localizer	Block	Dice	ROI	Task vs Rest	$p(\text{uncorr}) < 0.001$	45	< 1 hour	0.380	0.435	0.490
Gountouna <sup>95</sup>	2009	Finger tapping	Block	Dice	Voxels	Task vs Rest	$p(\text{corr}) < 0.05$ $p(\text{uncorr}) < 0.05$	14	Not Given	0.410	0.455	0.500
Meindl <sup>101</sup>	2009	<sup>b,</sup> Default Mode	Free	Dice	ICA	Component	Task vs Rest	18	1 Week	0.080	0.390	0.760
Feredoes <sup>102</sup>	2007	<sup>e</sup> Button Press	Event	Custom	Voxels	Task vs Rest	$p(\text{corr}) < 0.05$	6	1 Week	-	0.245	-
Feredoes <sup>102</sup>	2007	<sup>b,</sup> Delayed Recognition	Event	Custom	Voxels	Task vs Control	$p(\text{corr}) < 0.05$	6	1 Week	0.000	0.210	0.413
Raemaekers <sup>58</sup>	2007	Prosaccade/Antisaccade Naming / Noun Generation	Event	Dice	Voxels	Task vs Rest	$p(\text{corr}) < 0.005$	12	1 Week	0.760	0.785	0.810
Rau <sup>59</sup>	2007		Block	Dice	Voxels	Task vs Rest	$p(\text{corr}) < 0.05$	13	9 Days	0.000	0.350	0.820
Harrington <sup>103</sup>	2006a	<sup>c</sup> Multiple Language	Event	Dice	ROI	Task vs Rest	$p(\text{corr}) < 0.05$	10	4 Weeks	-	-	-
Harrington <sup>104</sup>	2006b	<sup>c</sup> Multiple Encoding	Block	Dice	ROI	Task vs Rest	$p(\text{corr}) < 0.05$	9	10 Weeks	-	-	-
Havel <sup>105</sup>	2006	Motor movement	Block	Dice	Voxels	Task vs Rest	$p(\text{uncorr}) < 0.001$	15	6 Days	0.000	0.230	0.710
Wagner <sup>106</sup>	2005	Verbal Encoding	Block	Dice	Voxels	Task vs Control	Individualized	20	33 Weeks	-	0.362	-
Wagner <sup>106</sup>	2005	Verbal Recognition	Block	Dice	Voxels	Task vs Control	Individualized	20	33 Weeks	-	0.420	-
Yoo <sup>107</sup>	2005	<sup>c</sup> Finger Tapping	Block	Dice	ROI	Task vs Rest	$p(\text{uncorr}) < 0.005$	8	8 weeks	-	-	-
Specht <sup>100</sup>	2003	Visual Attention	Event	Dice	Voxelwise	Task vs Rest	$p(\text{uncorr}) < 0.01$	5	2 Weeks	0.420	0.583	0.692
Swallow <sup>108</sup>	2003	<sup>b</sup> Visual FEF and MT localizers	Block	Jaccard	ROI	Task vs Rest	$z(\text{uncorr}) > 4.5$	11	Not Given	0.416	0.463	0.507
Maldjian <sup>57</sup>	2002	<sup>b</sup> Word Generation	Block	Jaccard	Voxels	Task vs Rest	$p(\text{uncorr}) < 0.005$	8	1 Week	0.748	0.856	0.993
Maldjian <sup>57</sup>	2002	<sup>b</sup> Forward-Backward Listening	Block	Jaccard	Voxels	Task vs Rest	$p(\text{uncorr}) < 0.005$	8	1 Week	0.410	0.662	0.817
Rutten <sup>109</sup>	2002	<sup>b,d</sup> Combined language tasks	Block	Custom	Voxels	Task vs Rest	$z(\text{uncorr}) > 4.5$	9	5 months	-	0.420	-
Miki <sup>110</sup>	2001	Visual checkerboard	Block	Dice	Voxels	Task vs Rest	$z(\text{uncorr}) > 4.5$	4	< 1 hour	0.560	0.610	0.660
Machielsen <sup>111</sup>	2000	Visual Encoding	Block	Dice	Voxels	Task vs Control	$p(\text{corr}) < 0.05$	10	14 Days	-	0.507	-

Machielsen <sup>111</sup>	2000	Visual Encoding	Block	Dice	ROI	Task vs Control	p(corr) < 0.05	10	14 Days	0.211	0.374	0.514
Miki <sup>112</sup>	2000	Visual light stimulation	Block	Dice	Voxels	Task vs Rest	z(uncorr) > 4.5	7	5 Days	0.020	0.480	0.770
Tegeler <sup>113</sup>	1999	Finger tapping	Block	Dice	Voxels	Task vs Rest	Top 2% of voxels	6	< 1 Hour	-	0.410	-
Rombouts <sup>42</sup>	1998	Visual light stimulation	Block	Dice	Voxels	Task vs Rest	p(corr) < 0.05	10	2 Weeks	0.460	0.640	0.760
Rombouts <sup>40</sup>	1997	Visual light stimulation	Block	Dice	Voxels	Task vs Rest	r(uncorr) > 0.50	14	2 weeks	0.150	0.310	0.500
Ramsey <sup>114</sup>	1996	<sup>b</sup> Finger tapping	Block	Jaccard	Voxels	Task vs Rest	p(corr) < 0.05	7	11 weeks	-	0.333	-
Yetkin <sup>115</sup>	1996	<sup>b</sup> Finger tapping	Block	Jaccard	Voxels	Task vs Rest	r(uncorr) > 0.60	4	< 1 hour	-	0.742	-
Yetkin <sup>115</sup>	1996	<sup>b</sup> Somatosensory Touch	Block	Jaccard	Voxels	Task vs Rest	r(uncorr) > 0.60	4	< 1 hour	-	0.621	-
Mean Value										0.314	0.476	0.670

<sup>a</sup> - Overlap values estimated from figure

<sup>b</sup> - Results recalculated to represent Dice statistic

<sup>c</sup> - Data presented as graphs or figures, unable to quantify values

<sup>d</sup> - Overlap only calculated for a single region

<sup>e</sup> - Calculated using total voxels in first session only, not average