

Supplement: Table of coordinates retrieved for meta-analysis of functional studies

Table provides references for coordinates used for the meta-analysis of functional studies. References are provided for each condition analyzed. The coordinates are given in MNI space. Talairach coordinates were converted to MNI space (using the following website: <http://www.neuro03.uni-muenster.de/ger/t2tconv/conv3d.html>) when only Talairach coordinates were provided (in those cases, both sets of coordinates are shown in the table).

Pain:

Author	Journal & year	Coordinates
Lamm	JCognNeurosci, 2007	-10/12/40
Baliki	JNeurosci, 2006	0/18/34
Arienzo	Neuroimage, 2006	?(-4)/6/44
Ruehle	JNeurosci, 2006	-5/0/37 = -5/-2/40
Schweinhardt	Neuroimage, 2006	2/14/34
Keltner	JNeurosci, 2006	-4/-6/42
Saarela	CerebCortex, 2007	-6/20/33 = -6/19/37
Qiu	CerebCortex, 2006	-6/4/42
Kong	HBM, 2006	4/2/46
Kong	JNeurosci, 2006	8/-34/34
Jackson	Neuropsychologia, 2006	-12/-60/36
Maihöfner	Neuroimage, 2005	-5/18/28 = -5/17/31
Koyama	PNAS, 2005	-2/-4/44 = -2/-6/48
Seymour	NatNeurosci, 2005	10/42/-6
Kulkarni	EurJNeurosci, 2005	6/32/-8
Botvinick	Neuroimage, 2005	6/22/27
Raij	PNAS, 2005	8/36/20 = 8/36/24
Salomons	JNeurosci, 2004	4/8/32
Petrovic	Neuroimage, 2004	10/-10/28 = 10/-12/30
Lieberman	Neuroimage, 2004	-2/21/28
Matharu	Brain	-2/24/18 = -2/24/21

Downar	Neuroimage, 2003	8/4/39 = 8/2/43
Porro	Neuroimage, 2003	6/5/33 = 6/3/36
Koyama	Neuroimage, 2003	0/2/36 = 0/0/39
Remy	Neuroimage, 2003	-6/8/30
Lorenz	Brain, 2003	-1/37/16
Rolls	CerebCortex, 2003	10/-6/34
Laureys	Neuroimage, 2002	-6/-18/32
Davis	NatNeurosci, 2002	2/10/36
Porro	JNeurosci, 2002	7/19/34 = 7/18/38
Büchel	JNeurosci, 2002	3/9/54
Brooks	Neuroimage, 2002	6/16/32 = 6/15/36

Motor:

Author	Journal & year	Coordinates
Duclos	Neuroimage, 2007	0/41/10 = 0/42/13
Carreiras	HBM, 2006	-4/22/42
Cross	Neuroimage, 2006	-9/12/42
Cavina-Pratesi	JCognNeurosci, 2006	-12/16/40 = -12/14/44
Bohlhalter	Brain, 2006	6/2/46 = 6/0/50
Ward	Brain, 2006	-2/-2/50 = -2/-5/54
Aramaki	CerebCortex, 2006	-8/14/44
Dresel	Neuroimage, 2006	0/6/36
Bestmann	Neuroimage, 2005	3/4/44 = 3/2/48
Buhmann	Brain, 2005	3/21/42
Puttemans	JNeurosci, 2005	-4/-22/46
Parsons	Neuropsychologia, 2004	2/-6/46 = 2/-9/50
Hummel	Neuroimage, 2004	1/-17/46 = 1/-20/49
Dobkin	Neuroimage, 2004	-10/-7/42 = -10/-9/45
Koenke	Neuroimage, 2004	4/4/52

Haslinger	HBM, 2004	10/17/25 = 10/16/28
Numminen	Neuroimage, 2004	4/8/47 = 4/6/51
Bestmann	EurJNeurosci, 2004	1/1/41 = 1/-1/45
Debaere	Neuroimage, 2004	-6/-20/50
Debaere	Neuroimage, 2003	4/18/46
Ward	Brain, 2003	-10/10/40
Ehrsson	JCognNeurosci, 2002	-4/-4/52
Cunnington	Neuroimage, 2002	2/8/42 = 2/6/46

Emotion:

Author	Journal & year	Coordinates
Turner	Neuropsychologia, 2007	-4/-49/30
Etkin	Neuron, 2006	-10/48/0
Siessmeier	EurJNeurosci, 2006	-3/-46/11 = -3/-48/9
Stark	Neuroimage, 2006	0/15/21
Ashwin	Neuropsychologia, 2006	10/34/21
Kaplan	Neuropsychologia, 2006	-2/14/32
Wang	BiolPsychiatry, 2006	-4/44/1
Hofer	Neuroimage, 2006	8/16/36
Amin	Neuroimage, 2006	-4/40/-6
Britton	Neuroimage, 2005	0/30/30
Williams	HBM, 2006	8/6/28
de Marco	Neuroimage, 2006	3/14/-6 = 3/15/-6
Grimm	Neuroimage, 2005	4/26/20
Williams	Neuroimage, 2006	-10/16/30
Simmons	Neuroimage, 2005	2/47/-4
Coricelli	NatNeurosci, 2005	10/24/34
Kalisch	JCognNeurosci, 2005	-4/46/28
Strauss	Neuroimage, 2005	6/45/0 = 6/46/3

Anand	BiolPsychiatry, 2005	8/-10/30 = 8/-12/32
Habel	Neuroimage, 2005	-4/34/-8
Das	Neuroimage, 2005	14/46/-2
Lewis	Neuroimage, 2004	8/40/-4
Britton	BiolPsychiatry, 2004	6/20/30
Pessoa	PNAS, 2005	4/30/42
Cunningham	JCognNeurosci, 2004	-4/24/32
Phan	BiolPsychiatry, 2004	8/28/34
Phelps	Neuron, 2004	0/14/33 = 0/13/37
Ruby	JCognNeurosci, 2004	4/-60/12
Smith	Neuroimage, 2004	12/44/6
McClure	BiolPsychiatry,	8/16/38
Killgore	Neuroimage, 2003	-8/38/26
Barrett	EurJNeurosci, 2004	-8/18/34
Knight	JCognNeurosci, 2004	-1/48/6 = -1/49/9
Keightley	Neuroimage, 2003	2/26/-4 = 2/27/-3
Wicker	Neuron, 2003	4/24/30
Pissioti	EurJNeurosci, 2003	-4/52/1 = -4/53/4
Taylor	Neuroimage, 2003	-1/26/29 = -1/25/33

Error:

Author	Journal & year	Coordinates
Weiss	HBM, 2006	-4/14/44
Taylor	JNeurosci, 2006	-3/39/-9
Lie	Neuroimage, 2006	8/48/14
Polli	PNAS, 2005	-9/0/35 = -9/-2/38
Mars	Neuroimage, 2005	14/28/32
Critchley	Neuroimage, 2005	0/25/20
Fitzgerald	BiolPsychiatry, 2005	-3/18/33

Maltby	Neuroimage, 2004	4/20/36 = 4/19/40
Unterrainer	CerebCortex, 2004	-6/14/40 = -6/12/44
Fassbender	CognBrainRes, 2004	1/25/28 = 1/24/32
Fiehler	EurJNeurosci, 2004	1/21/38 = 1/20/42
Hester	CerebCortex, 2004	1/-14/39
Holroyd	NatNeurosci, 2004	1/18/44
Ullsperger	JNeurosci, 2003	6/19/35 = 6/18/39
Garavan	Neuroimage, 2002	6/-4/54
Paulus	Neuroimage, 2002	1/27/31 = 1/26/35

Conflict:

Author	Journal & year	Coordinates
Fan	JNeurosci, 2007	-8/24/38
Chen	JCognNeurosci, 2006	-16/34/3 = -16/35/5
Etkin	Neuron, 2006	-10/48/0
Roelofs	PNAS, 2006	-4/30/36 = -4/29/41
Ansari	Neuroimage, 2006	4/40/30
Lau	Neuroimage, 2006	6/16/34
Kemmotso	CognBrainRes, 2005	14/5/42 = 14/3/46
Egner	Neuroimage, 2005	4/40/16 = 4/40/20
Van Veen	Neuroimage, 2005	7/18/42 = 7/16/47
Nunez	Neuroimage, 2005	-10/20/41
Badre	Neuron, 2004	-6/6/51
Durston	Neuroimage, 2003	3/42/17 = 3/42/21
Nelson	PNAS, 2003	4/20/22 = 4/20/25
Weissman	Neuroimage, 2003	2/7/34 = 2/5/37
Fan	Neuroimage, 2003	-6/38/18 = -6/38/22

Reward:

Author	Journal & year	Coordinates
Rolls	CerebCortex, 2007	2/38/-14
Marsh	Neuroimage, 2007	-8/44/15 = -8/45/19
Tanabe	HBM, 2007	-6/32/36
Dreher	PNAS, 2007	-15/61/-4
Moll	PNAS, 2006	-1/19/42
Rogers	Biol. Psychiatry, 2004	-10/16/-18
Kirsch	Neuroimage, 2003	-9/8/44=-9/6/48
Akitsuki	Neuroimage, 2003	-2/58/10
Killgore	Neuroimage, 2003	4/54/-8
O'Doherty	Jneurosci, 2003	9/42/-12
Martin-Sölch	EurJNeurosci, 2003	24/54/12 = 24/56/16

Additional analysis of reward expectation (see text for details):

Author	Journal & year	Coordinates
Matsumoto, Tanaka	CurrOpinNeurobiol, 2004	-4/44/-6
Daw	Nature, 2006	-3/45/18
Reuter	NatNeurosci, 2005	-3/45/18
Knutson	CurrOpinNeurol, 2005	-4/48/-3
Hampton	Jneurosci, 2006	6/57/-6
Kim	PloSBiol, 2006	0/33/-18
Plassman	Jneurosci, 2007	6/30/-17
Rolls	Cerebral Cortex 2007	-6/42/-22 (2/38/-14)
Tobler	Jneurophysiol, 2007	4/46/18
Tom	Science, 2007	-6/39/-8
Kable	NatNeurosci, 2007	-1/37/14

Memory:

Author	Journal & year	Coordinates
Protzner	JNeuroci, 2007	-12/28/16
Chang	Neuroimage, 2007	2/32/38
Koch	BrainRes, 2006	-10/30/17 = -10/30/20
van der Veen	Neuroimage, 2006	12/27/26 = 12/26/30
Sugiura	Neuroimage, 2006	-6/-68/24
Kim	Neuroimage, 2005	9/14/38 = 9/12/42
Fleck	CerebCortex, 2006	-11/19/38
Gardini	Neuroimage, 2006	-10/-50/8 = -10/-52/6
Khader	Neuroimage, 2005	-3/-53/26 = -3/-54/29
Harvey	Neuroimage, 2005	9/39/33
Lewis	Neuroimage, 2005	-2/-38/26
Habeck	CognBrainRes, 2004	-2/-59/29 = -2/-62/28
Sugiura	JCognNeurosci, 2005	8/-54/12 = 8/-56/12
Choo	Neuroimage, 2005	-2/22/44 = -2/20/49
Yonelinas	JNeurosci, 2005	-3/-54/6
Woodruff	Neuropsychologia, 2004	-4/-42/32 = -4/-45/32
Aalto	JNeurosci, 2005	-2/28/-20
Piefke	HBM, 2005	-6/-56/4 = -6/-58/1
Kondo	Neuroimage, 2005	0/-32/26
Levine	JCognNeurosci, 2004	4/-50/3 = 4/-52/1
Chee	Neuroimage, 2004	-4/19/48 = -4/17/53
Smith	Neuroimage, 2004	-10/-44/30
Kondo	Neuroimage, 2004	-8/20/40 = -8/19/45
Cabeza	JCognNeurol2003	6/34/20
Piefke	Brain, 2003	-6/-56/4 = -6/-58/1
Cabeza	Neuropsychologia, 2003	4/27/30 = 4/26/34
Desgranges	Brain, 2002	-3/-46/26 = -3/-49/27