

**Table 3 :****Shoulders**

	M1/LH		M1/RH		M2/LH		M2/RH	
	Coordinates	T-score	Coordinates	T-score	Coordinates	T-score	Coordinates	T-score
<b>Orbitofrontal</b>								
11							7; 20; 7	3.54
							12; 17; 6	4.42
11/13							6; 11; 5	4.37
<b>Prefrontal</b>								
46	-16; 10; 16	5.43			-7; 13; 9	3.2	8; 11; 10	4
							9; 9; 9	3.93
9/46v	-14; 15; 12	5.95	13; 13; 12	3.75	-13; 12; 13	3.31	16; 12; 11	3.75
FEF					-13; 3; 53	3.49	12; 4; 13	3.73
<b>Premotor</b>								
F5a/44					-14; 4; 6	6.05	20; 9; 6	3.39
							20; 7; 4	3.71
							12; 5; 9	3.13
F4/PMZ/F5p	-16; 2; 17	3.1	15; -5; 18	3.67	-13; -2; 8	4.51		
	-17; -1; 18	3.73	14; 0; 14	5.75	-16; -3; 13	4.35	16; -1; 9	3.99
F7			4; 3; 21	5.74				
F2			8; -2; 20	3.3	-8; -3; 14	3.98		
ProM					-18; 7; 1	3.72		
<b>Sensorimotor</b>								
3a			8; -13; 20	3.82	-21; -7; 8	4.14		
			11; -9; 18	3.14	-15; -6; 10	4.87		
1/3b			13; -14; 18	3.91	-16; -10; 13	5.88	-16; -10; 13	5.88
			8; -18; 22	5.05	-14; -12; 15	5.12		
2	-18; -13; 14	5.03					18; -14; 56	3.23
SII/PV	-16; -4; 6	7.89	13; -3; 18	6.6	-15; -7; 4	7.81	15; -6; 4	8.34
	-16; -9; 4	5.96	13; -9; 16	8.4				
	-13; -12; 5	3.21	14; -10; 3	5.39				
<b>Insular</b>								
Pi	-18; -3; 0	6.54	16; -5; 1	6.8	-18; -2; -3	5.36	19; -2; 0	5.1
<b>Cingulate</b>								
24a/32	-3; 15; 18	3.42					2; 18; 5	4.55
24a	-5; 9; 16	4.9			-2; 11; 14	3.11		
					-2; 9; 11	4.1		
24c	-3; -2; 21	3.67	2; -2; 22	5.33	-5; 4; 13	5.47		
					0; 0; 18	4.91		
					-3; -3; 18	5.82	1; -4; 17	3.89
24d	-4; -10; 18	3.46						
<b>Parietal</b>								
VIP					-9; -17; 12	4.99	8; -18; 9	4.56
MIP	-14; -19; 14	4.12			-11; -21; 53	4.35	12; -17; 14	5.08
PE					-9; -18; 17	7.83	11; -16; 16	6.08
PEc	-10; -17; 11	5.11	5; -15; 11	4.79			5; -14; 14	3.81
PGM/PEc	-6; -25; 18	11.13	2; -26; 16	10.06	-5; -17; 9	4.12	7; -19; 13	6.92
PGM					-3; -26; 14	6.45	3; -15; 8	3.85
					0; -28; 5	3.93	6; -25; 14	8.69
7b/7op	-22; -18; 9	8.18	20; -17; 9	6.06	-18; -17; 10	6.76	21; -16; 11	6.19
<b>Temporal</b>								
TPt	-21; -21; 6	3.26	19; -21; 6	3.92	-23; -19; 6	3.31	21; -18; 6	5.95
TPO	-23; -13; 1	5.46	20; -12; 0	8.64				
	-20; -4; -7	3.98	20; -1; -6	3.38				
<b>Occipital</b>								
PIP/V3A			11; -29; 2	3.44			11; -27; 7	3.59
V3A					-11; -29; 6	3.28	10; -30; 9	3.64
V4					-20; -26; 2	3.27	23; -27; 2	3.36
V2	-3; -36; 11	3.57	6; -36; 9	3.18				
V1	-15; -38; 1	3.2			-15; -38; -1	4.44	6; -37; -1	4.53
	-12; -39; -9	3.41			-6; -42; -1	3.51	10; -39; 1	4.15

**Legend Table 3:** Activations elicited by the contrast between the shoulders stimulation and the fixation. Same as in Table 1.