

**Appendix 1** to Materna L, Wiesner CD, Shushakova A, et al. Adult patients with ADHD differ from healthy controls in implicit, but not explicit, emotion regulation. *J Psychiatry Neurosci* 2019.

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**Table S1.** Main effect of Negative View > Neutral View

Anatomical regions	Cluster			Voxel		
	$p_{\text{corr}}$	k	$t_{\text{peak}}$	x	y	z
Middle Temporal Gyrus (L), Inferior Parietal Gyrus (L), Middle Occipital Gyrus (L), Superior Parietal Gyrus (L), Postcentral Gyrus (L), Precuneus (L)	< .001	6104	10.39	-50	-62	6
Middle Temporal Gyrus (R), Middle Occipital Gyrus (R), Superior Parietal Gyrus (R), Inferior Parietal Gyrus (R),	< .001	3650	9.14	50	-64	2
Medial Superior Frontal Gyrus (L), Inferior Frontal Gyrus (R, pars triangularis), Supplementary Motor Area (L), Superior Frontal Gyrus (L), Medial Superior Frontal Gyrus (R)	< .001	8919	8.18	-26	-4	58
Inferior Frontal Gyrus (L, pars triangularis), Insula (L), Inferior Frontal Gyrus (L, pars opercularis), Inferior Frontal Gyrus (L, pars orbitalis)	< .001	1502	6.49	-32	28	-2

Note: The reported clusters survived cluster-wise family-wise error correction for multiple comparisons at a  $p < 0.05$  and a cluster extent threshold of  $k = 20$  based on family-wise corrected voxels at  $p < 0.05$ . Only anatomical regions overlapping at least 5% with the cluster are reported. The order of the anatomical labels reflects the amount of overlap with the activated clusters. [x y z] coordinates are in MNI space. Abbreviations: R= right, L= left;  $p_{\text{corr}}$  refers to whole-brain corrected cluster  $p$ -values, k to the cluster size,  $t_{\text{peak}}$  to  $t$ -values of the peak voxel of the cluster.

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**Table S2.** Main effect of Reappraise > Negative View

Anatomical regions	Cluster			Voxel		
	$p_{\text{corr}}$	k	$t_{\text{peak}}$	x	y	z
Middle Frontal Gyrus (L), Inferior Frontal Gyrus (L, pars triangularis), Supplementary Motor Area (L), Superior Frontal Gyrus (L), Medial Superior Frontal Gyrus (L), Inferior Frontal Gyrus (L, pars orbitalis), Insula (L)	< .001	6776	10.23	-42	6	50
Middle Temporal Gyrus (L)	< .001	841	7.88	-52	-34	-2
Inferior Frontal Gyrus (R, pars triangularis), Inferior Frontal Gyrus (R, pars orbitalis), Inferior Frontal Gyrus (R, pars opercularis), Insula (R)	< .001	796	7.05	52	32	-4
Angular Gyrus (L), Inferior Parietal Gyrus (L); Middle Temporal Gyrus (L), Supramarginal Gyrus (L)	< .001	1593	6.60	-50	-54	22
Middle Frontal Gyrus (R)	< .001	543	6.27	40	12	48
Angular Gyrus (R), Inferior Parietal Gyrus (R), Supramarginal Gyrus (R), Superior Temporal Gyrus (R)	< .001	417	6.24	58	-52	36
Middle Temporal (R), Superior Temporal (R)	< .001	342	5.78	48	-36	0
Caudate Nucleus (L), Putamen (L)	< .001	131	5.43	-16	6	12

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Superior Frontal Gyrus (R), Middle Frontal Gyrus (R)	< .001	151	5.32	20	52	34
Middle Frontal Gyrus (L), Superior Frontal Gyrus (L)	< .001	170	5.31	-26	50	26

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Note: The reported clusters survived cluster-wise family-wise error correction for multiple comparisons at a  $p < 0.05$  and a cluster extent threshold of  $k = 20$  based on family-wise corrected voxels at  $p < 0.05$ . Only anatomical regions overlapping at least 5% with the cluster are reported. The order of the anatomical labels reflects the amount of overlap with the activated clusters. [x y z] coordinates are in MNI space. Abbreviations: R= right, L= left;  $p_{\text{corr}}$  refers to whole-brain corrected cluster  $p$ -values,  $k$  to the cluster size,  $t_{\text{peak}}$  to  $t$ -values of the peak voxel of the cluster.