ERRATUM

Erratum to: Smoking withdrawal is associated with increases in brain activation during decision making and reward anticipation: A preliminary study

Merideth A. Addicott • David A. A. Baranger • Rachel V. Kozink • Moria J. Smoski • Gabriel S. Dichter • F. Joseph McClernon

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Due to a conversion error, the number of voxels necessary for cluster correction was miscalculated and should have been k=313 instead of k=53 voxels as reported. We have updated the results table (see below) to now indicate which clusters remain significant at the correct cluster-corrected threshold (p<.01; k=313; cluster-corrected to p<.05) and which are significant at uncorrected thresholds of p<.001, k=10 and p<.005, k=10. The only previously reported clusters not significant at any of these thresholds are bilateral paracingulate cortices during the Selection Phase only. References to bilateral paracingulate activation during

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M. A. Addicott · D. A. A. Baranger · R. V. Kozink · M. J. Smoski · G. S. Dichter · F. J. McClernon (⊠) Department of Psychiatry and Behavioral Sciences, Duke University Medical Center, Box 2701, Durham, NC 27708, USA e-mail: mccle011@mc.duke.edu

M. A. Addicott · D. A. A. Baranger · R. V. Kozink · M. J. Smoski · G. S. Dichter · F. J. McClernon Duke-UNC Brain Imaging and Analysis Center, Durham, NC, USA

G. S. Dichter Department of Psychiatry, School of Medicine, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA

F. J. McClernon Durham Veterans Affairs Medical Center, VISN 6 Mental Illness, Research, Education, and Clinical Center, Durham, NC, USA the *selection phase* in the Results, Discussion and Figure 3 can be disregarded.

An updated interpretation of our results, focused primarily on activations that survived cluster correction, suggests that smoking abstinence increases BOLD response during the *selection phase* of the WoF task in somatosensory (post central gyrus, rolandic operculum), visual (lingual gyrus), and insular cortices. Abstinence also increases BOLD response during the *anticipation phase* of the task in right frontal pole, potentially reflecting the monitoring of reward values during decision making.

While other activations do not survive cluster correction, their inclusion, particularly in the context of a preliminary/exploratory study, still add meaningful infor-

Table 2 Areas showing significant activation during the Wheel of Fortune task					MNI Coordinates		
	Brain area	Side	# of voxels	Z max	x	у	Z
	Selection phase (Abstinent > Satiated, Money > Control)						
	Postcentral Gyrus	L	1072	3.28	-26	-32	60
	Insula	R	393	3.43	44	-8	-12
	Lingual Gyrus ^a	L	385	2.80	-16	-56	-4
	Rolandic Operculum ^a	R	362	3.61	52	-26	22
	Postcentral Gyrus	R	333	2.97	34	-30	54
	Cerebellum [‡]	L	256	3.05	-2	-54	-16
	Rolandic Operculum ^{‡,a}	L	241	3.07	-60	4	4
	Insula [‡]	R	227	2.88	36	-8	-8
	Middle Frontal Gyrus [‡]	L	183	3.10	-34	52	8
	Precentral Gyrus [‡]	R	164	2.67	34	-8	46
	Middle Occipital Gyrus ^{‡,a}	L	163	3.04	-40	-70	6
	Supplementary Motor Area [‡]	R	159	3.05	14	-2	68
	Supracalcarine Cortex ^{‡,a}	R	155	3.08	22	-66	16
	Middle Frontal Gyrus [‡]	L	144	3.07	-30	22	58
	Inferior Frontal Gyrus ^{‡,a}	R	131	3.19	52	36	-14
	Precuneus ^{‡,a}	L	124	2.95	-2	-60	12
	Orbital Frontal Gyrus ^{‡,a}	R	55	2.89	4	54	-24
	Anticipation phase (Abstinent > Satiated, Money > Control)						
	Frontal Pole	R	336	3.46	26	46	20
^a denotes area of overlapping activation in post hoc analysis with RT covariate.	Insula [†]	L	255	3.36	-38	6	-2
	Paracingulate Cortex [‡]	R	139	2.77	14	40	-6
	Anticipation phase (Satiated > Abstinent, Money > Control)						
p < .01 and cluster-corrected to p < .05, unless otherwise indicated. [†] $p < .001$, $k=10$ [‡] $p < .005$, $k=10$	Precentral Gyrus	L	394	2.8	-2	-28	56
	Putamen [‡]	R	53	3.05	28	-14	-2
	Outcome phase (Satiated > Abstinent, Win > No Win)						
	Paracingulate Cortex [‡]	L	122	3.04	-2	48	-6

mation to the literature. Many of the regions in which smoking condition differences were observed at the uncorrected thresholds are regions which have been previously implicated in decision making and in research using the Wheel of Fortune task (e.g., precuneus, insula, putamen). We regret any confusion associated with this correction and, as with all preliminary studies, look forward to future replication of these findings.