

Table S2. *Post hoc* analyses of effects of specific drug categories on significant clusters

Seed Cluster	Main Effect	F	p	η_p^2
Right Caudate Cerebellum	Nicotine	0.00	0.978	0.00
	Alcohol	0.26	0.611	0.01
	Marijuana	21.10	0.000	0.36
	SSRIs	1.99	0.167	0.05
	Opiates	0.13	0.722	0.00
Right Caudate Occipital-Fusiform	Nicotine	0.06	0.805	0.00
	Alcohol	0.29	0.591	0.01
	Marijuana	11.74	0.002	0.24
	SSRIs	0.03	0.869	0.00
	Opiates	0.09	0.769	0.00
Left Caudate Cerebellum	Nicotine	0.49	0.489	0.01
	Alcohol	1.57	0.218	0.04
	Marijuana	20.00	0.000	0.35
	SSRIs	0.76	0.390	0.02
	Opiates	0.00	0.972	0.00
L. Anterior Insula Cerebellum	Nicotine	0.03	0.859	0.00
	Alcohol	0.82	0.371	0.02
	Marijuana	35.69	0.000	0.49
	SSRIs	2.86	0.099	0.07
	Opiates	<i>6.41</i>	<i>0.016</i>	<i>0.15</i>
Left Amygdala PFC	Nicotine	0.04	0.846	0.00
	Alcohol	0.20	0.660	0.01
	Marijuana	0.03	0.860	0.00
	SSRIs	0.32	0.574	0.01
	Opiates	0.34	0.565	0.01
Posterior Thalamus Hypothalamus	Nicotine	0.51	0.481	0.01
	Alcohol	0.21	0.648	0.01
	Marijuana	3.48	0.070	0.09
	SSRIs	0.00	0.979	0.00
	Opiates	0.08	0.774	0.00
Posterior Thalamus Medial Visual	Nicotine	1.77	0.192	0.05
	Alcohol	1.17	0.287	0.03
	Marijuana	14.88	0.000	0.29
	SSRIs	3.36	0.075	0.08
	Opiates	0.77	0.387	0.02