Table S1. Differences in response to niacin solution between examined groups

Schizophrenia vs Healthy Control				
Component	**Concentration of AMN**	***Statistic values***		
		Time effect	***Group effect***	***Time x Group effect***
Surface	0.001M	**F=5.4567, *p*=0.001, η^2_p=0.034**	**F=23.44, *p*<0.001, η^2_p=0.056**	NS
	0.01M	**F=18.62, *p*<0.001, η^2_p=0.124**	**F=25.32, *p*<0.001, η^2_p=0.060**	NS
	0.1M	**F=9.33, *p*<0.001, η^2_p=0.066**	**F=12.49 , *p*<0.001, η^2_p=0.031**	NS
Red colour	0.001M	NS	NS	NS
	0.01M	NS	NS	NS
	0.1M	NS	NS	NS
Green colour	0.001M	**F=4.11, *p*=0.007, η^2_p=0.030**	NS	NS
	0.01M	F=3.59, *p*=0.014	**F=8.92, *p*=0.003, η^2_p=0.022**	NS
	0.1M	NS	F=4.03, *p*=0.046	NS
Blue colour	0.001M	NS	NS	NS
	0.01M	NS	F=5.79, *p*=0.017	NS
	0.1M	NS	NS	NS
Hue	0.001M	F=3.67, *p*=0.012	NS	NS
	0.01M	NS	NS	NS
	0.1M	NS	NS	NS
Saturation	0.001M	F=3.63, *p*=0.013	NS	NS
	0.01M	NS	**F=8.60, *p*=0.004, η^2_p=0.021**	NS
	0.1M	NS	NS	NS
Value	0.001M	NS	NS	NS
	0.01M	NS	NS	NS

	0.1M	NS	NS	NS
Red chrominance	0.001M	**F=6.08, p<0.001, η^2_p=0.044**	**F=8.60, p=0.004, η^2_p=0.021**	NS
	0.01M	**F=6.33 , p<0.001, η^2_p=0.046**	**F=17.40, p<0.001, η^2_p=0.042**	NS
	0.1M	NS	F=5.10, p=0.025	NS
Blue chrominance	0.001M	NS	NS	NS
	0.01M	NS	F=5.94, p=0.015	NS
	0.1M	NS	NS	NS
Bipolar Disorder vs Healthy Control				
Component	**Concentration of AMN**	***Statistic values***		
		Time effect	***Group effect***	***Time x group effect***
Surface	0.001M	NS	**F=7.50, p=0.007, η^2_p=0.026**	NS
	0.01M	**F=7.46, p<0.001, η^2_p=0.073**	**F=12.18, p<0,001, η^2_p=0.041**	NS
	0.1M	**F=6.89, p<0.001, η^2_p=0.068**	NS	NS
Red colour	0.001 M	NS	NS	NS
	0.01 M	NS	NS	NS
	0.1 M	NS	NS	NS
Green colour	0.001M	NS	NS	NS
	0.01M	NS	**F=7.53, p=0.006, η^2_p=0.026**	NS
	0.1 M	NS	NS	NS
Blue colour	0.001M	NS	NS	NS
	0.01M	NS	F=4.58, p=0.033	NS
	0.1M	NS	NS	NS
Hue	0.001M	NS	NS	NS
	0.01M	NS	NS	NS

	0.1M	NS	NS	NS
Saturation	0.001M	F=2.70, *p*=0.046	NS	NS
	0.01M	NS	NS	NS
	0.1M	NS	NS	NS
Value	0.001M	NS	NS	NS
	0.01M	NS	NS	NS
	0.1M	NS	NS	NS
Red chrominance	0.001M	F=3.88, *p*=0.010	NS	NS
	0.01M	NS	F=5.42, *p*=0.021	NS
	0.1M	NS	NS	NS
Blue chrominance	0.001M	NS	NS	NS
	0.01M	NS	F=4.57, *p*=0.033	NS
	0.1M	NS	NS	NS
Schizophrenia vs Bipolar Disorder				
Component	**Concentration of AMN**	***Statistic values***		
		Time effect	***Group effect***	***Time x group effect***
Surface	0.001M	**F=6.23, *p*<0.001, η^2_p=0.054**	NS	NS
	0.01M	**F=6.72, *p*<0.001, η^2_p=0.058**	NS	NS
	0.1M	**F=5.16, *p*=0.002, η^2_p=0.045**	NS	NS
Red colour	0.001M	NS	NS	NS
	0.01M	NS	NS	NS
	0.1M	NS	NS	NS
Green colour	0.001M	NS	F=5.24, *p*=0.023	NS
	0.01M	F=3.77, *p*=0.011	NS	NS
	0.1M	NS	NS	NS
Blue colour	0.001M	NS	NS	NS

	0.01M	NS	NS	NS
	0.1M	NS	NS	NS
Hue	0.001M	NS	NS	NS
	0.01M	NS	NS	NS
	0.1M	NS	NS	NS
Saturation	0.001M	**F=5.09, p=0.002, η^2_P=0.044**	NS	NS
	0.01M	NS	NS	NS
	0.1M	NS	NS	NS
Value	0.001M	NS	NS	NS
	0.01M	NS	NS	NS
	0.1M	NS	NS	NS
Red chrominance	0.001M	**F=7.03, p<0.001, η^2_P=0.060**	**F=9.68, p=0.002, η^2_P=0.029**	NS
	0.01M	**F=4.50, p=0.004, η^2_P=0.039**	NS	NS
	0.1M	NS	NS	NS
Blue chrominance	0.001M	NS	NS	NS
	0.01M	NS	NS	NS
	0.1M	NS	NS	NS

AMN - aqueous methyl nicotinate; η^2_P - partial eta squared