

Supplementary table 1. A three-group and two-group analysis of covariance (ANCOVA) results with gender and age as a covariate

A three-group ANCOVA									
parameter	Cortisol			DHEAS			cortisol/DHEAS ratio		
	F	df	p-value	F	df	p-value	F	df	p-value
Group <sup>1</sup>	3.220	2	.045*	.331	2	.719	.326	2	.723
Gender	3.031	1	.085	1.744	1	.189	.017	1	.898
Age	.156	1	.694	19.341	1	.000*	5.973	1	.017*
A two-group ANCOVA in schizophrenia patients without MetS and healthy controls (where significant at $p < .05$ )									
parameter	Cortisol								
	F	Df	p-value						
Group <sup>2</sup>	7.023	1	.010*						
Gender	5.617	1	.021*						
Age	1.143	1	.290						
A two-group ANCOVA in schizophrenia patients with MetS and healthy controls (where significant at $p < .05$ )									
parameter	DHEAS			cortisol/DHEAS ratio					
	F	df	p-value	F	Df	p-value			
Group <sup>3</sup>	.994	1	.469	.166	1	.686			
Gender	.881	1	.351	.309	1	.582			
Age	9.512	1	.003*	2.978	1	.092			

Group<sup>1</sup> – healthy individuals, patients with schizophrenia with metabolic syndrome and patients with schizophrenia without metabolic syndrome. Group<sup>2</sup> – healthy individuals and patients with schizophrenia without metabolic syndrome. Group<sup>3</sup> – healthy individuals and patients with schizophrenia with metabolic syndrome \* -  $p < 0.05$  – statistically significant difference. DHEAS - Dehydroepiandrosterone sulfate

Supplementary table 2. Pearson's correlation analysis of cortisol, DHEAS, and the total PANSS score in patients with schizophrenia without MetS

		PANSS, total score	Cortisol	DHEAS
PANSS, total score	r	1	-.038	.174
	p-value		.824	.170
Cortisol	r	-.038	1	.157
	p-value	.824		.333
DHEAS	r	.174	.157	1
	p-value	.170	.333	

r – Pearson's correlation coefficient; p-value – level of statistical significance of differences

MetS - metabolic syndrome; DHEAS - Dehydroepiandrosterone sulfate; PANSS - The Positive and Negative Syndrome Scale

Supplementary table 3. Pearson's correlation analysis of cortisol, DHEA-S, and the total PANSS score in patients with schizophrenia with MetS

		PANSS, total score	Cortisol	DHEAS
PANSS, total score	r	1	-.090	-.197
	p-value		.612	.216
Cortisol	r	-.090	1	-.084
	p-value	.612		.637
DHEAS	r	-.197	-.084	1
	p-value	.216	.637	

r – Pearson's correlation coefficient; p-value – level of statistical significance of differences

MetS - metabolic syndrome; DHEAS - Dehydroepiandrosterone sulfate; PANSS - The Positive and Negative Syndrome Scale