

Supplemental Table S4. Correlation between combined network modules and behavior trait for F3-Vinclozolin rat brain regions

Rat Group	Behavior Trait		Wire Mesh		Facial Investigation		Plexiglas		Still		Walking	
	Module	# of PCs*	Correlation	p-value	Correlation	p-value	Correlation	p-value	Correlation	p-value	Correlation	p-value
Female	blue	1	0.05	1	0.05	1	0.10	1	-0.09	1	0.10	1
	brown	1	-0.01	1	0.04	1	0.03	1	-0.06	1	0.02	1
	turquoise	1	0.01	1	-0.02	1	-0.01	1	0.02	1	-0.01	1
	yellow	1	-0.01	1	0.00	1	0.03	1	-0.03	1	0.03	1
Male	black	1	0.13	1	-0.15	1	-0.03	1	-0.13	1	-0.01	1
	blue	1	0.05	1	-0.02	1	0.01	1	0.01	1	0.06	1
	brown	1	0.01	1	-0.03	1	-0.03	1	-0.05	1	-0.03	1
	green	1	0.002	1	0.02	1	0.02	1	0.01	1	0.00	1
	magenta	1	-0.05	1	0.05	1	-0.04	1	-0.02	1	-0.06	1
	pink	1	-0.26	1	0.12	1	-0.02	1	0.01	1	-0.12	1
	red	1	0.01	1	0.00	1	0.01	1	0.002	1	0.01	1
	turquoise	1	-0.04	1	0.00	1	-0.04	1	-0.02	1	-0.04	1
	yellow	1	-0.03	1	0.02	1	0.06	1	0.04	1	-0.02	1

* - number of principal components (PC) used for calculation of correlation between module and behavior trait