

Supplementary table 1. Statistical data of maternal behavior. The parameters evaluated by the time were analyzed by the 2-way ANOVA; the frequencies and latencies were analyzed by the one-way ANOVA or the Kruskal-Wallis test.

Two-way ANOVA			
Parameter	Time	Treatments	Interaction
Time of pup contact	F (2,45) = 5.22, p = 0.009	F (2,45) = 11.68, p < 0.0001	F (4,45) = 0.74, p = 0.57
Time of pup grouping	F (2,45) = 6.16 P = 0.04	F (2,45) = 1.19, P = 0.31	F (4,45) = 0.28, P = 0.89
Time of pup grooming	F (2,45) = 17.06, P < 0.0001	F (2,45) = 6.69, P 0.003	F (4,45) = 2.66, P = 0.05
Time of kyphosis	F (2,45) = 1.32, P = 0.28	F (2,45) = 1.68, P = 0.20	F (4,45) = 0.56, p = 0.69
One-way ANOVA			
Frequencies			
Pup contact	F = 4.50	P = 0.03	
Pup grouping	KW = 7.91	P = 0.01	
Pup grooming	F = 0.44	P = 0.65	
Kyphosis	F = 4.61	P = 0.03	
Latencies to			
Pup contact	KW = 6.30	P = 0.04	
Pup grouping	KW = 7.56	P = 0.02	
Pup grooming	KW = 0.91	P = 0.59	
Kyphosis	KW = 0.90	P = 0.62	