

Table S2: Functional results at the long-term period in study groups and models.

Skinner		Control (n=29)	Case	p
Learning (%)	<i>UN (n= 25)</i>	56%	44%	0. 557
	<i>PU (n= 23)</i>	77%	30%	0.032
OFBT		Control (n=25)	Case	p
Latency (sec) [†]	<i>UN (n= 32)</i>	64 (171)	334 (319)	0.013
	<i>PU (n= 19)</i>	59 (62)	192 (249)	<0.001
Internal boxes (numb) [†]	<i>UN (n= 32)</i>	11 (19)	5 (8)	0.014
	<i>PU (n= 19)</i>	13 (10)	4 (5)	<0.001
External boxes (numb) [†]	<i>UN (n= 32)</i>	277 (177)	40 (66)	<0.001
	<i>PU (n= 19)</i>	60 (37)	36 (33)	0.020
Total boxes explored (numb) [†]	<i>UN (n= 32)</i>	301 (161)	53 (78)	0.001
	<i>PU (n= 19)</i>	85 (53)	41 (35)	0.012
ORT		Control (n=18)	Case	p
Discriminatory index	<i>UN (n= 23)</i>	0.3 (0.3)	0.0 (0.3)	0.080
	<i>PU (n= 17)</i>	0.3 (0.2)	-0.1 (0.3)	<0.001

Results are median and interquartile range (median (IQR)). Statistical comparisons between controls vs. cases for each model were performed by general linear models (GLM). In non-normal variables (†), log-transformation of these variables were performed prior to GLM.

Abbreviations: OFBT: open field behavioral test; ORT: object recognition task;
UN= undernutrition; PU= placental underperfusion; Sec: seconds; Numb:
number.