		PPI at 73 dB	PPI at 76 dB	PPI at 82 dB	Sial1 mRNA	SialV mRNA	CB1R mRNA	ErbB4 mRNA	GAD67 mRNA	SYN protein	GAD protein	PrL cortex volume	IL cortex volume	Cg1 cortex volume	Sholl sphere_0 micron	Sholl sphere_20 micron	Sholl sphere_40 micron	Sholl sphere_60 micron	Sholl sphere_80 micron	Sholl sphere_100 micron	Sholl sphere_120 micron	Sholl sphere_140 micron	total arborization	dendritic spine density_50 micron	dendritic spine density_100 micron	dendritic spine density_150 micron	total number of dendritic spines	E/I ratio of PrL cortex	density of VGLUT1 expressing puncta in PrL	density of VGAT expressing puncta in PrL	E/I ratio of IL cortex	density of VGLUT1 expressing puncta in IL	density of VGAT expressing puncta in IL	density of CB1R+ puncta on pyramidal neurons of PrL	density of SYN+ puncta on pyramidal neurons of PrL	density of CB1R+ puncta coexpressing SYN on pyramidal neurons of PrL	density of CB1R+ puncta on pyramidal neurons of IL	density of SYN+ puncta on pyramidal neurons of IL	density of CB1R+ puncta coexpressing SYN on pyramidal neurons of IL	density of CB1R+ puncta on pyramidal neurons of Cg1	density of SYN+ puncta on pyramidal neurons of Cg1	density of CB1R+ puncta coexpressing SYN on pyramidal neurons of Cg1	density of PV+ interneurons in PrL	density of PNNs in PrL	density of PV+ interneuron s surrounded by PNNs in PrL	density of PV+ interneuron s in IL	density of PNNs in IL	density of PV+ interneuron s surrounded by PNNs in IL	density of PV+ interneuron s in Cg1	density of PNNs in Cg1	density of PV+ interneuron s surrounded by PNNs in Cg1
	Spearman's rho correlation coefficient	1	**.707****	**.726****	-0.078	0.008	-0.02	0.102	0.063	0.339	0.512	0.135	-0.495	0.175	-0.163	**.392***	0.003	-0.249	-0.192	-0.296	-0.271	-0.028	-0.253	-0.047	-0.258	-0.089	-0.122	-0.118	-0.216	-0.157	0.191	-0.01	-0.393	0.107	-0.357	-0.02	0.046	-0.132	0.059	0.155	0.048	0.148	0.271	0.31	0.21	-0.016	0.198	-0.083	0.181	0.256	0.227
	p-value	.	**< 0.001**	**< 0.001**	0.683	0.966	0.915	0.585	0.732	0.216	0.061	0.619	0.051	0.517	0.381	**0.026**	0.988	0.169	0.292	0.101	0.134	0.878	0.162	0.828	0.223	0.68	0.569	0.591	0.311	0.463	0.384	0.964	0.057	0.617	0.095	0.926	0.83	0.539	0.787	0.492	0.829	0.522	0.235	0.172	0.36	0.946	0.402	0.889	0.42	0.25	0.311
PPI at 76 dB	Spearman's rho correlation coefficient	**.707****	1	**.569****	-0.304	-0.233	-0.258	-0.045	0.085	0.457	**.609***	0.1	-0.365	-0.012	0.1	0.082	**-.362***	**-.453***	-0.249	-0.336	-0.294	-0.022	-0.35	0.347	-0.085	-0.001	0.048	-0.19	-0.145	0.006	0.197	0.015	-0.235	0.03	-0.25	-0.005	-0.257	-0.272	-0.172	-0.274	-0.114	0.049	**.480***	0.207	0.322	0.168	0.335	-0.02	**.445***	**.483***	0.417
	p-value	**< 0.001**	.	**< 0.001**	0.103	0.207	0.161	0.812	0.651	0.087	**0.021**	0.712	0.165	0.965	0.605	0.668	**0.05**	**0.012**	0.185	0.07	0.114	0.909	0.058	0.105	0.7	0.996	0.829	0.396	0.509	0.978	0.379	0.948	0.281	0.894	0.274	0.982	0.248	0.221	0.455	0.242	0.624	0.841	**0.038**	0.395	0.179	0.491	0.175	0.938	**0.049**	**0.031**	0.068
PPI at 82 dB	Spearman's rho correlation coefficient	**.726****	**.569****	1	0.024	0.204	0.04	0.22	0.223	0.418	0.279	0.13	-0.411	0.062	-0.066	0.209	-0.04	-0.265	-0.16	-0.197	-0.069	-0.07	-0.197	-0.239	-0.273	-0.291	-0.313	-0.012	0.128	0.05	**.494***	0.12	-0.204	-0.119	-0.243	-0.256	-0.003	-0.044	0.095	0.319	-0.097	0.236	0.267	0.285	0.325	0.066	0.373	0.114	0.241	0.271	0.239
	p-value	**< 0.001**	**< 0.001**	.	0.899	0.271	0.829	0.235	0.221	0.121	0.334	0.633	0.114	0.82	0.725	0.252	0.828	0.143	0.382	0.279	0.708	0.705	0.279	0.261	0.197	0.168	0.136	0.957	0.55	0.818	**0.039**	0.587	0.34	0.581	0.263	0.227	0.989	0.837	0.666	0.148	0.659	0.303	0.242	0.211	0.15	0.775	0.105	0.632	0.281	0.223	0.283