	In vivo study		*Ex vivo* study											
Parameter	**Complexity**	**Motility**	**Cytoplasm area**		**Complexity**		**Cell environment**		**Segments**		**Ramification length**		**Nodes (rank 1 and 2)**	
Region	Somatosensory cortex		FC	HPC	FC	HPC	FC	HPC	FC	HPC	FC	HPC	FC	HPC
Ketamine/xylazine	↙	↙	ns	ns	↙	↙	ns	ns	ns	ns	↙	ns	ns	ns
Barbiturates	ns	↙	ns	↙	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns