Table 5

An example of data in the literature on the hippocampal neuronal number in rodents

Region	Species	Age	Sex	Number (10^6)	Method	Reference
Granule	Wistar rat	60 days	♂	1.08	Improved optical fractionator	Table 3
	129SVJ × B6 mice	10 days	♂ and ♀	0.49	Classical optical fractionator	Bonthius et al. (2004)
	129SVJ × B6 mice	10 days	♂ and ♀	0.50	N_V (optical disector), V(ref)	Bonthius et al. (2004)
	B6 mice	9 weeks	♂ and ♀	0.49	N_V (optical disector), V(ref)	Abusaad et al. (1999)
	NZB mice	9 weeks	♂ and ♀	0.89	N_V (optical disector), V(ref)	Abusaad et al. (1999)
	DBA mice	9 weeks	♂ and ♀	0.68	N_V (optical disector), V(ref)	Abusaad et al. (1999)
	C57BL/6, BALB/c mice	9 weeks	♀	0.24	N_V (optical disector), V(ref)	Kempermann et al. (1997)
	CD1 (ICR) mice	9 weeks	♀	0.35	N_V (optical disector), V(ref)	Kempermann et al. (1997)
	129/SvJ mice	8 weeks	♀	0.28	N_V (optical disector), V(ref)	Kempermann et al. (1997)
	Long Evans rat	6 months	♂	1.20	Classical optical fractionator	Rapp and Gallagher (1996)
	Wistar rat	30 days	♂	1.20	Classical optical fractionator	West et al. (1991)
	F-344	365 days	♂	2.06	N_V (physical disector), V(ref)	West et al. (1988)
	Wistar rat	30 days	♀	0.71	Abercrombie correction	Boss et al. (1987)
	Sprague Dawley rat	30 days	♀	1.03	Abercrombie correction	Boss et al. (1987)
	Wistar rat	30 days	♂	0.89	Total nuc. vol/mean. nuc.vol	Bayer (1982)
	Wistar rat	1 year	♂	2.17	N_V (Weibel and Gomez), V(ref)	West and Andersen (1980)
CA3	Wistar rat	60 days	♂	0.19	Improved optical fractionator	Table 3
	129SVJ × B6 mice	10 days	♂ and ♀	0.19	Classical optical fractionator	Bonthius et al. (2004)
	129SVJ × B6 mice	10 days	♂ and ♀	0.19	N_V (optical disector), V(ref)	Bonthius et al. (2004)
	Long Evans rat	6 months	♂	0.23	Classical optical fractionator	Rapp and Gallagher (1996)
	Wistar rat	30 days	♂	0.25	Classical optical fractionator	West et al. (1991)
	Wistar rat	30 days	♀	0.21	Abercrombie correction	Boss et al. (1987)
	Sprague Dawley rat	30 days	♀	0.33	Abercrombie correction	Boss et al. (1987)
CA1	Wistar rat	60 days	♂	0.32	Improved optical fractionator	Table 3
	129SVJ × B6 mice	10 days	♂ and ♀	0.23	Classical optical fractionator	Bonthius et al. (2004)
	129SVJ × B6 mice	10 days	♂ and ♀	0.22	N_V (optical disector), V(ref)	Bonthius et al. (2004)
	Long Evans rat	6 months	♂	0.39	Classical optical fractionator	Rapp and Gallagher (1996)
	Wistar rat	30 days	♂	0.38	Classical optical fractionator	West et al. (1991)
	Wistar rat	30 days	♀	0.32	Abercrombie correction	Boss et al. (1987)
	Sprague Dawley rat	30 days	♀	0.42	Abercrombie correction	Boss et al. (1987)