

Table S2. Goodness of fit of the stretched exponential model: $P(x) = e^{-\alpha x^\beta}$ for rescaled cumulative distributions of active periods with various threshold values.

	Threshold values	$Err \times 10^{-5}$	$\chi^2 \times 10^{-3}$	AIC	BIC
Adolescents	0.6	3.54 $\pm$ 2.58	13.4 $\pm$ 6.23	-1843 $\pm$ 193	-1836 $\pm$ 193
	0.8	1.81 $\pm$ 1.15	10.2 $\pm$ 4.92	-1980 $\pm$ 150	-1973 $\pm$ 150
	1	1.62 $\pm$ 0.82	8.21 $\pm$ 4.25	-1991 $\pm$ 123	-1984 $\pm$ 123
	1.2	1.47 $\pm$ 0.65	7.39 $\pm$ 3.08	-2004 $\pm$ 95	-1997 $\pm$ 95
	1.4	1.98 $\pm$ 1.08	8.22 $\pm$ 4.40	-1945 $\pm$ 124	-1938 $\pm$ 124
	1.6	3.17 $\pm$ 2.15	10.4 $\pm$ 5.74	-1844 $\pm$ 142	-1837 $\pm$ 142
WT Mice	0.6	2.24 $\pm$ 0.76	3.08 $\pm$ 1.80	-1907 $\pm$ 124	-1900 $\pm$ 124
	0.8	2.43 $\pm$ 1.29	2.55 $\pm$ 1.78	-1901 $\pm$ 146	-1894 $\pm$ 146
	1	2.27 $\pm$ 1.13	2.41 $\pm$ 1.58	-1904 $\pm$ 105	-1897 $\pm$ 105
	1.2	2.75 $\pm$ 0.95	2.56 $\pm$ 1.64	-1849 $\pm$ 84	-1842 $\pm$ 84
	1.4	3.53 $\pm$ 1.81	2.83 $\pm$ 1.57	-1802 $\pm$ 116	-1795 $\pm$ 116
	1.6	3.89 $\pm$ 1.75	2.90 $\pm$ 1.53	-1774 $\pm$ 108	-1767 $\pm$ 108