

Online Resource 9. Tau stereological quantification data.

Table a. Cortical nucleus Tau stereological quantification data.

	<i>Marker Count</i>	<i>Number of Sections</i>	<i>Number of Sampling Sites</i>	<i>Coefficient of Error (Gundersen). m=1</i>	<i>Counting Frame Area (XY) (μm^2)</i>	<i>Sampling Grid Area (XY) (μm^2)</i>	<i>Grid Spacing (μm)</i>	<i>Area Fraction</i>
<i>AD</i>								
<i>1</i>	40	4	11	0.06	10000	4000000	20	0.1695
<i>2</i>	47	3	11	0.056	10000	2250000	20	0.1992
<i>3</i>	50	4	9	0.047	10000	4000000	20	0.2315
<i>4</i>	46	3	7	0.049	10000	4000000	20	0.2805
<i>5</i>	68	4	8	0.04	10000	9000000	20	0.34
<i>6</i>	45	3	6	0.048	10000	4000000	20	0.3
<i>7</i>	67	4	14	0.045	10000	2250000	20	0.2134
<i>8</i>	36	4	6	0.069	10000	4000000	20	0.3243
<i>9</i>	67	3	14	0.064	10000	4000000	20	0.3028
<i>10</i>	74	4	11	0.038	10000	4000000	20	0.3122

Table b. Basomedial nucleus Tau stereological quantification data.

	<i>Marker Count</i>	<i>Number of Sections</i>	<i>Number of Sampling Sites</i>	<i>Coefficient of Error (Gundersen). m=1</i>	<i>Counting Frame Area (XY) (μm^2)</i>	<i>Sampling Grid Area (XY) (μm^2)</i>	<i>Grid Spacing (μm)</i>	<i>Area Fraction</i>
<i>AD</i>								
1	64	4	11	0.038	10000	6250000	20	0.2327
2	67	4	13	0.055	10000	1440000	20	0.2094
3	43	4	8	0.053	10000	2250000	20	0.215
4	45	3	7	0.066	10000	6250000	20	0.2903
5	25	4	7	0.041	10000	9000000	20	0.1667
6	43	4	7	0.073	10000	2250000	20	0.3071
7	71	4	18	0.035	10000	1000000	20	0.1578
8	23	4	4	0.086	10000	6250000	20	0.2614
9	71	4	18	0.065	10000	4000000	20	0.1799
10	35	4	6	0.062	10000	9000000	20	0.2333

Table c. Basolateral nucleus Tau stereological quantification data.

	<i>Marker Count</i>	<i>Number of Sections</i>	<i>Number of Sampling Sites</i>	<i>Coefficient of Error (Gundersen). $m=1$</i>	<i>Counting Frame Area (XY) (μm^2)</i>	<i>Sampling Grid Area (XY) (μm^2)</i>	<i>Grid Spacing (μm)</i>	<i>Area Fraction</i>
<i>AD</i>								
<i>1</i>	44	4	17	0.056	10000	6250000	20	0.1183
<i>2</i>	81	4	13	0.035	10000	6250000	20	0.2492
<i>3</i>	72	4	17	0.038	10000	6250000	20	0.1946
<i>4</i>	50	3	15	0.054	10000	9000000	20	0.1618
<i>5</i>	79	4	17	0.088	10000	6250000	20	0.238
<i>6</i>	52	4	6	0.047	10000	9000000	20	0.3467
<i>7</i>	47	4	12	0.051	10000	6250000	20	0.1649
<i>8</i>	54	4	8	0.046	10000	9000000	20	0.27
<i>9</i>	47	4	12	0.038	10000	9000000	20	0.2527
<i>10</i>	55	4	9	0.062	10000	9000000	20	0.2444

Table d. Lateral nucleus Tau stereological quantification data.

	<i>Marker Count</i>	<i>Number of Sections</i>	<i>Number of Sampling Sites</i>	<i>Coefficient of Error (Gundersen). m=1</i>	<i>Counting Frame Area (XY) (μm^2)</i>	<i>Sampling Grid Area (XY) (μm^2)</i>	<i>Grid spacing (μm)</i>	<i>Area Fraction</i>
<i>AD</i>								
<i>1</i>	86	4	19	0.037	10000	4000000	20	0.1811
<i>2</i>	36	4	17	0.058	10000	9000000	20	0.0891
<i>3</i>	39	4	16	0.055	10000	6250000	20	0.1037
<i>4</i>	76	3	16	0.038	10000	9000000	20	0.1995
<i>5</i>	61	4	13	0.037	10000	6250000	20	0.1877
<i>6</i>	71	4	22	0.035	10000	9000000	20	0.1312
<i>7</i>	28	4	14	0.079	10000	12250000	20	0.08
<i>8</i>	80	4	24	0.034	10000	6250000	20	0.1382
<i>9</i>	28	4	14	0.059	10000	9000000	20	0.095
<i>10</i>	33	4	12	0.06	10000	12250000	20	0.11