

### Online Resource 3. Volume data.

**Table a.** Estimated amygdaloid complex volume.

	<i>Coefficient of Error (Gundersen). <math>m=1</math></i>	<i>Sections</i>	<i>Grid Size (<math>\mu\text{m}</math>)</i>	<i>Volume Corrected for OverProjection (<math>\text{mm}^3</math>)</i>
<b><i>AD</i></b>				
1	0.024	4	500	230.01
2	0.022	4	500	175.18
3	0.025	4	500	172.33
4	0.03	3	500	235.89
5	0.022	4	500	257.09
6	0.023	4	500	180.03
7	0.021	4	250	234.13
8	0.023	4	500	218.10
9	0.025	4	500	215.80
10	0.023	4	500	210.538
<b><i>Non-AD</i></b>				
19	0.021	4	500	277.46
20	0.023	4	500	404.43
21	0.021	4	500	273.11
22	0.024	4	500	253.11
23	0.023	4	500	274.73
24	0.022	4	250	267.76
25	0.024	4	500	249.23
26	0.023	4	500	276.03
27	0.024	4	500	232.99
28	0.023	4	500	281.98

**Table b.** Estimated cortical nucleus volume.

	<i>Coefficient of Error (Gundersen). m=1</i>	<i>Sections</i>	<i>Grid Size (<math>\mu\text{m}</math>)</i>	<i>Volume Corrected for OverProjection (<math>\text{mm}^3</math>)</i>
<i>AD</i>				
1	0.026	4	500	34.34
2	0.032	4	500	17.16
3	0.032	4	500	25.66
4	0.034	3	500	19.25
5	0.025	4	500	32.78
6	0.031	4	500	17.84
7	0.025	4	250	18.23
8	0.03	4	500	24.76
9	0.032	4	500	21.71
10	0.029	4	500	21.91
<i>Non-AD</i>				
19	0.032	3	500	31.76
20	0.026	4	500	38.66
21	0.026	4	500	37.58
22	0.025	4	500	33.43
23	0.027	4	500	22.44
24	0.019	4	250	32.02
25	0.024	4	500	31.78
26	0.032	4	500	19.13
27	0.027	4	500	26.41
28	0.024	4	250	31.39

**Table c.** Estimated basolateral complex volume.

	<i>Coefficient of Error (Gundersen). m=1</i>	<i>Sections</i>	<i>Grid Size (<math>\mu\text{m}</math>)</i>	<i>Volume Corrected for OverProjection (<math>\text{mm}^3</math>)</i>
<i>AD</i>				
1	0.025	4	500	192.46
2	0.022	4	500	154.61
3	0.025	4	500	144.15
4	0.03	3	500	213.30
5	0.023	4	500	219.19
6	0.023	4	500	158.06
7	0.021	4	250	212.95
8	0.023	4	500	188.53
9	0.025	4	500	189.79
10	0.023	4	500	185.44
<i>Non-AD</i>				
19	0.03	4	500	237.54
20	0.023	4	500	358.55
21	0.021	4	500	230.73
22	0.025	4	500	216.93
23	0.024	4	500	249.69
24	0.023	4	250	231.58
25	0.025	4	500	214.95
26	0.023	4	500	254.38
27	0.024	4	500	201.79
28	0.023	4	250	247.02

**Table d.** Estimated basomedial nucleus volume.

	<i>Coefficient of Error (Gundersen). m=1</i>	<i>Sections</i>	<i>Grid Size (<math>\mu\text{m}</math>)</i>	<i>Volume Corrected for OverProjection (<math>\text{mm}^3</math>)</i>
<i>AD</i>				
1	0.025	4	500	42.21
2	0.036	4	500	11.75
3	0.032	4	500	15.69
4	0.041	3	500	25.59
5	0.027	4	500	30.05
6	0.041	4	500	10.51
7	0.028	4	250	11.32
8	0.033	4	500	15.89
9	0.036	4	500	19.03
10	0.034	4	500	16.61
<i>Non-AD</i>				
19	0.033	4	500	15.90
20	0.028	4	500	39.08
21	0.023	4	500	49.66
22	0.024	4	500	44.68
23	0.033	4	500	20.15
24	0.021	4	250	16.45
25	0.03	4	500	23.68
26	0.029	4	500	21.15
27	0.031	4	500	15.65
28	0.026	4	250	20.21

**Table e.** Estimated basolateral nucleus volume.

	<i>Coefficient of Error (Gundersen). m=1</i>	<i>Sections</i>	<i>Grid Size (<math>\mu\text{m}</math>)</i>	<i>Volume Corrected for OverProjection (<math>\text{mm}^3</math>)</i>
<i>AD</i>				
1	0.026	4	500	80.59
2	0.026	4	500	49.41
3	0.027	4	500	57.80
4	0.03	3	500	83.00
5	0.022	4	500	87.01
6	0.031	4	500	30.31
7	0.026	4	250	54.10
8	0.028	4	500	58.90
9	0.027	4	500	69.63
10	0.027	4	500	56.08
<i>Non-AD</i>				
19	0.026	4	500	77.33
20	0.024	4	500	113.80
21	0.025	4	500	76.90
22	0.024	4	500	69.90
23	0.025	4	500	81.05
24	0.025	4	250	68.93
25	0.024	4	500	67.46
26	0.029	4	500	70.61
27	0.032	4	500	62.23
28	0.022	4	250	90.19

**Table f.** Estimated lateral nucleus volume.

	<i>Coefficient of Error (Gundersen). m=1</i>	<i>Sections</i>	<i>Grid Size (<math>\mu\text{m}</math>)</i>	<i>Volume Corrected for OverProjection (<math>\text{mm}^3</math>)</i>
<i>AD</i>				
1	0.03	4	500	66.64
2	0.023	4	500	89.64
3	0.027	4	500	66.93
4	0.03	3	500	99.89
5	0.026	4	500	97.48
6	0.023	4	500	113.09
7	0.02	4	250	143.14
8	0.022	4	500	108.98
9	0.025	4	500	96.18
10	0.023	4	500	109.55
<i>Non-AD</i>				
19	0.024	4	500	137.09
20	0.023	4	500	194.80
21	0.02	4	500	100.03
22	0.029	4	500	98.83
23	0.024	4	500	141.81
24	0.022	4	250	141.02
25	0.027	4	500	119.01
26	0.022	4	500	157.09
27	0.022	4	500	118.85
28	0.026	4	250	129.43