

**Supplemental Table S1: SEL Count**

<b>Baseline Age, Years</b>	<b>&lt;=45</b>	<b>&gt;45-52</b>	<b>&gt;52</b>
n	210	206	184
Mean	7.5429	8.0825	7.5435
Standard deviation	8.83991	11.39396	10.69489
Median	4.0000	4.0000	3.5000
25%, 75% percentile	1.0000, 12.0000	1.0000, 10.0000	1.0000, 11.0000
Min, Max	0.000, 42.000	0.000, 78.000	0.000, 61.000

<b>Years since First MS symptoms</b>	<b>&lt;=8</b>	<b>&gt;8-15</b>	<b>&gt;15</b>
n	206	213	177
Mean	7.0437	8.0282	8.113
Standard deviation	9.28324	10.38364	11.37675
Median	3.0000	4.0000	4.0000
25%, 75% percentile	1.0000, 9.0000	1.0000, 12.0000	1.0000, 9.0000
Min, Max	0.000, 42.000	0.000, 61.000	0.000, 78.000

<b>Baseline EDSS</b>	<b>High EDSS≥6.0</b>	<b>Low EDSS&lt;6.0</b>
n	361	239
Mean	8.5014	6.5607
Standard deviation	11.05972	9.01466
Median	4.0000	3.0000
25%, 75% percentile	1.0000, 12.0000	1.0000, 8.0000
Min, Max	0.000, 61.000	0.000, 78.000

<b>Gender</b>	<b>Female</b>	<b>Male</b>
n	381	219
Mean	8.2572	6.8082
Standard deviation	10.65324	9.69677
Median	4.0000	3.0000
25%, 75% percentile	1.0000, 11.0000	1.0000, 8.0000
Min, Max	0.000, 78.000	0.000, 59.000

**Supplemental Table S2: SEL Volume, T1-weighted**

<b>Baseline Age, Years</b>	<b>&lt;=45</b>	<b>&gt;45-52</b>	<b>&gt;52</b>
n	210	206	184
Mean, mm <sup>3</sup>	688.81	748.97	799.79
Standard deviation, mm <sup>3</sup>	1472.156	1552.809	2127.059
Median, mm <sup>3</sup>	117.16	200.29	111.44
25%, 75% percentile, mm <sup>3</sup>	5.72, 738.20	5.72, 586.55	2.86, 708.16
Min, Max, mm <sup>3</sup>	0.0, 14131.7	0.0, 10809.8	0.0, 23708.3

<b>Years since First MS symptoms</b>	<b>&lt;=8</b>	<b>&gt;8-15</b>	<b>&gt;15</b>
n	206	213	177
Mean, mm <sup>3</sup>	750.11	680.26	812.86
Standard deviation, mm <sup>3</sup>	1748.405	1178.017	2198.383
Median, mm <sup>3</sup>	101.00	145.92	145.92
25%, 75% percentile, mm <sup>3</sup>	0.00, 595.14	5.72, 726.76	31.47, 515.02
Min, Max, mm <sup>3</sup>	0.0, 14131.7	0.0, 8123.1	0.0, 23708.3

<b>Baseline EDSS</b>	<b>High EDSS≥6.0</b>	<b>Low EDSS&lt;6.0</b>
n	361	239
Mean, mm <sup>3</sup>	848.52	584.86
Standard deviation, mm <sup>3</sup>	1944.682	1304.472
Median, mm <sup>3</sup>	151.65	105.87
25%, 75% percentile, mm <sup>3</sup>	8.58, 738.20	2.86, 517.88
Min, Max, mm <sup>3</sup>	0.0, 23708.3	0.0, 14131.7

<b>Gender</b>	<b>Female</b>	<b>Male</b>
n	381	219
Mean, mm <sup>3</sup>	791.37	660.22
Standard deviation, mm <sup>3</sup>	1631.066	1870.948
Median, mm <sup>3</sup>	151.65	103.00
25%, 75% percentile, mm <sup>3</sup>	14.31, 663.81	0.00, 595.14
Min, Max, mm <sup>3</sup>	0.0, 14131.7	0.0, 23708.3

**Supplemental Table S3: non-SEL Volume, T1-weighted**

<b>Baseline Age, Years</b>	<b>&lt;=45</b>	<b>&gt;45-52</b>	<b>&gt;52</b>
n	210	206	184
Mean, mm <sup>3</sup>	4703.94	4785.52	4949.89
Standard deviation, mm <sup>3</sup>	5107.976	5174.203	6318.338
Median, mm <sup>3</sup>	2658.10	3107.31	2778.27
25%, 75% percentile, mm <sup>3</sup>	1084.41, 7027.21	1178.83, 6878.43	816.89, 5945.66
Min, Max, mm <sup>3</sup>	34.3, 27333.5	8.6, 31751.2	0.0, 45313.5

<b>Years since First MS symptoms</b>	<b>&lt;=8</b>	<b>&gt;8-15</b>	<b>&gt;15</b>
n	206	213	177
Mean, mm <sup>3</sup>	4184.01	4811.28	5563.19
Standard deviation, mm <sup>3</sup>	5141.369	5246.273	6203.788
Median, mm <sup>3</sup>	2123.04	2969.97	3525.05
25%, 75% percentile, mm <sup>3</sup>	603.72, 5808.32	1010.02, 6712.48	1599.43, 7264.70
Min, Max, mm <sup>3</sup>	8.6, 27851.3	0.0, 31751.2	68.7, 45313.5

<b>Baseline EDSS</b>	<b>High EDSS≥6.0</b>	<b>Low EDSS&lt;6.0</b>
n	361	239
Mean, mm <sup>3</sup>	4938.26	4609.67
Standard deviation, mm <sup>3</sup>	5491.272	5569.331
Median, mm <sup>3</sup>	3061.53	2509.31
25%, 75% percentile, mm <sup>3</sup>	1078.69, 6878.43	875.54, 6434.93
Min, Max, mm <sup>3</sup>	0.0, 45313.5	8.6, 30189.0

<b>Gender</b>	<b>Female</b>	<b>Male</b>
n	381	219
Mean, mm <sup>3</sup>	5049.94	4385.38
Standard deviation, mm <sup>3</sup>	5860.391	4856.158
Median, mm <sup>3</sup>	3061.53	2615.18
25%, 75% percentile, mm <sup>3</sup>	841.21, 7138.80	1101.58, 5851.24
Min, Max, mm <sup>3</sup>	22.9, 45313.5	0.0, 27851.3