

	Male				Female			
	Saline		LPS		Saline		LPS	
	Adult	Aged	Adult	Aged	Adult	Aged	Adult	Aged
DG								
Cell Count (#/ROI)	150.75 ± 11.65	220 ± 16.643	175 ± 9.99	170.5 ± 19.00	147.33 ± 22.92	192 ± 18.15	145.25 ± 26.24	199 ± 10.75
IBA1+ Volume (x10 <sup>6</sup> voxels)	0.175 ± 0.077	0.214 ± 0.069	0.254 ± 0.017	0.351 ± 0.07	0.292 ± 0.058	0.265 ± 0.045	0.214 ± 0.034	0.251 ± 0.036
Soma Volume (μm <sup>3</sup> )	645.52 ± 109.53	629.91 ± 67.47	637.78 ± 61.51	652.91 ± 88.36	486.07 ± 88.71	527.98 ± 69.68	591.55 ± 86.86	509.84 ± 71.17
CA1								
Cell Count (#/ROI)	169 ± 31.43	176.33 ± 49.24	145 ± 21.74	199 ± 29.97	215 ± 25.23	190.33 ± 17.50	177 ± 25.34	176 ± 36.71
IBA1+ Volume (x10 <sup>6</sup> voxels)	0.173 ± 0.061	0.248 ± 0.039	0.285 ± 0.063	0.373 ± 0.086	0.368 ± 0.075	0.281 ± 0.038	0.25 ± 0.051	0.267 ± 0.046
Soma Volume (μm <sup>3</sup> )	549.75 ± 95.31	556.28 ± 86.66	632.86 ± 155.32	560.4 ± 103.49	463 ± 97.41	509.35 ± 98.90	528.26 ± 52.60	432.21 ± 18.33
CA3								
Cell Count (#/ROI)	148.67 ± 13.58	236.33 ± 29.77	166.25 ± 31.83	224.25 ± 31.22	162.25 ± 39.95	196.33 ± 18.88	181.25 ± 35.72	208.25 ± 13.2
IBA1+ Volume (x10 <sup>6</sup> voxels)	0.213 ± 0.066	0.231 ± 0.043	0.248 ± 0.03	0.39 ± 0.147	0.28 ± 0.044	0.326 ± 0.072	0.257 ± 0.033	0.278 ± 0.084
Soma Volume (μm <sup>3</sup> )	559.50 ± 67.29	608.23 ± 30.25	601.87 ± 158.87	588.75 ± 78.56	424.43 ± 108.29	491.24 ± 37.40	578.85 ± 60.79	455.40 ± 61.56