**Supplementary File 1**

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|  | **WT** | **CD** |
| ***Telencephalon*** |  |  |
| **Amygdala** |   |   |
|  Anterior | 336± 21 | 368 ± 32 |
|  Basolateral | 427 ± 20 |  495 ± 24\* |
|  Central | 464 ± 17 |  600 ± 54\* |
|  Medial | 196 ± 18 | 233 ± 10 |
|  Cortical amygdaloid nu | 552 ± 24 | 506 ± 43 |
| **Cortex** |   |   |
|  Auditory | 243 ± 17 | 272 ± 13 |
|  Cingular | 453 ± 36 | 479 ± 23 |
|  Frontal | 578 ± 37 | 552 ± 36 |
|  Ectorhinal | 414 ± 26 | 449 ± 32 |
|  Entorhinal | 378 ± 20 | 419 ± 29 |
|  Motor | 375 ± 29 | 411 ± 22 |
|  Perirhinal | 384 ± 24 | 422 ± 24 |
|  Piriform | 288 ± 13 | 334 ± 27 |
|  Somatosensory | 298 ± 25 | 325 ± 21 |
|  Visual | 298 ± 18 | 324 ± 22 |
| **Hippocampus** |   |   |
|  CA1 |   |   |
|  Oriens | 506 ± 31 | 531 ± 51 |
|  Pyramidal | 443 ± 23 | 403 ± 38 |
|  Radiatum | 674 ± 42 | 614 ± 54 |
|  CA3 |   |   |
|  Oriens | 743 ± 43 | 731 ± 59 |
|  Pyramidal | 424 ± 37 | 350 ± 25 |
|  Radiatum | 823 ± 47 | 796 ± 59 |
|  Dentate Gyrus |   |   |
|  Molecular | 610 ± 31 | 536 ± 50 |
|  Polymorphic  | 594 ± 28 |  470 ± 35\* |
|  Granular | 246 ± 25 |  176 ± 13\* |
|  Ventral subiculum | 1000 ± 42 | 986 ± 73 |
| **Basal ganglia** |   |   |
|  Globus pallidus | 1958 ± 140 | 2061 ± 205 |
|  Striatum | 577 ± 48 | 606 ± 44 |
| ***Diencephalon*** |   |   |
|  Basal nucleus | 351 ± 25 | 426 ± 62 |
|  Medial septum | 477 ± 23 | 488 ± 17 |
| ***Rhinencephalon*** |   |   |
|  Olfactory bulb (glomerular) | 423 ± 17 | 460 ± 27 |
| ***Rhomboencephalon*** |   |   |
|  Dorsal raphe | 310 ± 29 | 361 ± 30 |
| ***Mesencephalon*** |   |   |
|  Periaqueductal Gray | 417 ± 39 | 477 ± 27 |
|  Substantia nigra | 2248 ± 115 | 2350 ± 136 |
| ***Metencephalon*** |   |   |
| **Cerebellum** |   |   |
|  Cerebelar gray matter | 1447 ± 80 | 1392 ± 92 |