**Supplemental Table 1. Associations of *APOE* alleles with neuropathological findings at autopsy.**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **NEUROPATHOLOGICAL OUTCOME MEASURE** | | | | | | | |
| **BRAAK NFT stage**  *(III/IV vs 0/I/II)* | **CERAD NP score**  *(moderate vs none/sparse)* | **CAA** | | | **Lewy bodies**  *(present vs none)* | **Hippocampal sclerosis**  *(present vs none)* | **Arteriolosclerosis**  *(mild vs none, or moderate vs mild, or severe vs moderate)* |
| *(mild vs none)* | *(moderate vs mild)* | *(severe vs moderate)* |
| Log[OR (95%CI)] | Log[OR (95%CI)] | Log[OR (95%CI)] | Log[OR (95%CI)] | Log[OR (95%CI)] | Log[OR (95%CI)] | Log[OR (95%CI)] | Log[OR (95%CI)] |
| **Presence of *APOE*2 allele** | **-0.05**  **(-0.13, -0.03)** | **-0.65**  **(-1.09, -0.24)** | -0.09  (-0.32, 0.13) | -0.09  (-0.32, 0.13) | -0.09  (-0.32, 0.13) | -0.02  (-0.09, 0.06) | 0.004  (-0.04, 0.05) | 0.02  (-0.18, 0.22) |
| **Presence of *APOE*4 allele** | **0.21**  **(0.15, 0.28)** | **0.78**  **(0.49, 1.07)** | **0.59**  **(0.42, 0.75)** | **0.59**  **(0.42, 0.75)** | **0.59**  **(0.42, 0.75)** | **0.13**  **(0.07, 0.19)** | 0.005  (-0.03, 0.04) | -0.05  (-0.22, 0.11) |
| **Presence of 1 *APOE*4 allele** | **0.19**  **(0.12, 0.26)** | **0.76**  **(0.46, 1.06)** | **0.74**  **(0.39, 1.10)** | 0.33  (-0.12, 0.78) | -0.13  (-0.93, 0.67) | **0.14**  **(0.07, 0.20)** | 0.006  (-0.03, 0.05) | -0.11  (-0.28, 0.07) |
| **Presence of 2 *APOE*4 alleles** | **0.41**  **(0.24, 0.59)** | **0.94**  **(0.17, 1.70)** | **1.65**  **(1.20, 2.11)** | **1.65**  **(1.20, 2.11)** | **1.65**  **(1.20, 2.11)** | 0.06  (-0.10, 0.22) | -0.001  (-0.10, 0.10) | 0.45  (-0.01, 0.91) |

All analyses were adjusted by age at death, sex, and education. Braak NFT stage and CAA analyses were also adjusted by CERAD NP score. Number of subjects in *APOE*ε2, *APOE*ε3/ε3, and *APOE*ε4 groups are 153, 651, and 273, respectively. Number of subjects with one and two *APOE*ε4 alleles are 244 and 29, respectively. Abbreviations: CAA = cerebral amyloid angiopathy; CI = confidence interval; NFT = neurofibrillary tangle; NP = neuritic plaque; OR = odds ratio.