**Supplementary Material**

**A Birth Cohort Analysis of Amnestic Mild Cognitive Impairment Incidence in the Einstein Aging Study (EAS) Cohort**

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| **Supplementary Table 1.** Crude aMCI incidence rates by age at diagnosis and year of birth category for Non-Hispanic Whites and Blacks | | | | | | | | | | |
|  |  | Non-Hispanic Whites | | | |  | Blacks | | | |
|  |  | Year of Birth Category | | | |  | Year of Birth Category | | | |
| Age (y) |  | ≤ 1920 | 1921-25 | 1926-30 | ≥ 1931 |  | ≤ 1920 | 1921-25 | 1926-30 | ≥ 1931 |
| 70-74 | # aMCI Cases  Person-years (PY)  Rate/100 PY | --- | 0  12.39  0 | 8  210.40  3.80 | 6  219.58  2.73 |  | --- | 0  11.30  0 | 3  98.74  3.04 | 1  120.03  0.83 |
| 75-79 | # aMCI Cases  Person-years (PY)  Rate/100 PY | 0  115.15  0 | 3  182.16  1.65 | 13  386.94  3.36 | 7  319.14  2.19 |  | 0  23.87  0 | 6  134.84  4.45 | 3  162.02  1.85 | 5  190.10  2.63 |
| 80-84 | # aMCI Cases  Person-years (PY)  Rate/100 PY | 17  420.84  4.04 | 11  295.60  3.72 | 9  363.87  2.47 | 7  109.04  6.42 |  | 3  109.28  2.75 | 8  117.12  6.83 | 4  138.23  2.89 | 1  70.56  1.42 |
| 85-89 | # aMCI Cases  Person-years (PY)  Rate/100 PY | 26  388.50  6.69 | 15  236.42  6.34 | 5  104.73  4.77 | 0  0.31  0 |  | 9  103.96  8.66 | 6  74.22  8.08 | 6  41.38  14.50 | 0  0.48  0 |
| 90-94 | # aMCI Cases  Person-years (PY)  Rate/100 PY | 11  152.27  7.22 | 7  43.30  16.17 | 0  0.40  0 | --- |  | 6  36.30  16.53 | 1  13.28  7.53 | 1  0.54  186.83 | --- |
| ≥ 95 | # aMCI Cases  Person-years (PY)  Rate/100 PY | 5  23.48  21.29 | --- | --- | --- |  | 0  5.14  0 | --- | --- | --- |
| Total | # aMCI Cases  Person-years (PY)  Rate/100 PY | 59  1,100.24  5.36 | 36  769.87  4.68 | 35  1,066.34  3.28 | 20  648.07  3.09 |  | 18  278.55  6.46 | 21  350.76  5.99 | 17  440.91  3.86 | 7  381.17  1.84 |

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| **Supplementary Table 2.** Crude aMCI incidence rates by age at diagnosis and year of birth category for females and males | | | | | | | | | | |
|  |  | Females | | | |  | Males | | | |
|  |  | Year of Birth Category | | | |  | Year of Birth Category | | | |
| Age (y) |  | ≤ 1920 | 1921-25 | 1926-30 | ≥ 1931 |  | ≤ 1920 | 1921-25 | 1926-30 | ≥ 1931 |
| 70-74 | # aMCI Cases  Person-years (PY)  Rate/100 PY | --- | 0  18.54  0 | 6  190.91  3.14 | 5  228.05  2.19 |  | --- | 0  5.15  0 | 6  145.21  4.13 | 2  152.01  1.32 |
| 75-79 | # aMCI Cases  Person-years (PY)  Rate/100 PY | 0  85.73  0 | 4  204.86  1.95 | 13  330.76  3.93 | 10  369.35  2.71 |  | 0  56.59  0 | 5  118.21  4.23 | 4  261.56  1.53 | 8  186.79  4.28 |
| 80-84 | # aMCI Cases  Person-years (PY)  Rate/100 PY | 12  353.87  3.39 | 11  263.01  4.18 | 10  344.25  2.91 | 6  138.35  4.34 |  | 9  198.10  4.54 | 8  150.80  5.31 | 3  192.56  1.56 | 2  55.78  3.59 |
| 85-89 | # aMCI Cases  Person-years (PY)  Rate/100 PY | 19  342.89  5.54 | 11  180.00  6.11 | 9  113.60  7.92 | 0  1.89  0 |  | 17  169.47  10.03 | 10  136.24  7.34 | 3  42.79  7.01 | --- |
| 90-94 | # aMCI Cases  Person-years (PY)  Rate/100 PY | 14  126.63  11.06 | 5  39.93  12.52 | 1  0.54  186.83 | --- |  | 3  68.77  4.36 | 3  18.02  16.65 | 0  0.40  0 | --- |
| ≥ 95 | # aMCI Cases  Person-years (PY)  Rate/100 PY | 4  22.82  17.53 | --- | --- | --- |  | 1  6.56  15.26 | --- | --- | --- |
| Total | # aMCI Cases  Person-years (PY)  Rate/100 PY | 49  931.94  5.26 | 31  706.34  4.39 | 39  980.06  3.98 | 21  737.64  2.85 |  | 30  499.49  6.01 | 26  428.42  6.07 | 12  642.52  1.87 | 12  394.58  3.04 |