**Supplementary Table 3.** Differences in survival between risk-based subtypes within each dataset at particular points in time.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | M | Comparison\*\* | Χ2 | p | PBHC\* | N cens. (A) | N obs. (A) | N cens. (B) | N obs. (B) |
| ADNI | 24 | H – IH | 7.024 | 0.008 | 0.010 | 67 | 105 | 69 | 139 |
|  |  | H – IL | 13.644 | 0.000 | 0.000 | 71 | 90 | 69 | 139 |
|  |  | IH – IL | 1.719 | 0.190 | 0.190 | 71 | 90 | 67 | 105 |
|  |  | H – L | 43.724 | 0.000 | 0.000 | 180 | 206 | 69 | 139 |
|  |  | IH – L | 20.175 | 0.000 | 0.000 | 180 | 206 | 67 | 105 |
|  |  | IL – L | 9.999 | 0.002 | 0.002 | 180 | 206 | 71 | 90 |
|  | 48 | H – IH | 4.844 | 0.028 | 0.028 | 67 | 105 | 69 | 139 |
|  |  | H – IL | 18.928 | 0.000 | 0.000 | 71 | 90 | 69 | 139 |
|  |  | IH – IL | 5.588 | 0.018 | 0.027 | 71 | 90 | 67 | 105 |
|  |  | H – L | 50.612 | 0.000 | 0.000 | 180 | 206 | 69 | 139 |
|  |  | IH – L | 23.832 | 0.000 | 0.000 | 180 | 206 | 67 | 105 |
|  |  | IL – L | 4.812 | 0.028 | 0.028 | 180 | 206 | 71 | 90 |
|  | 96 | H – IH | 2.423 | 0.120 | 0.143 | 67 | 105 | 69 | 139 |
|  |  | H – IL | 12.940 | 0.000 | 0.001 | 71 | 90 | 69 | 139 |
|  |  | IH – IL | 5.963 | 0.015 | 0.022 | 71 | 90 | 67 | 105 |
|  |  | H – L | 19.382 | 0.000 | 0.000 | 180 | 206 | 69 | 139 |
|  |  | IH – L | 11.376 | 0.001 | 0.001 | 180 | 206 | 67 | 105 |
|  |  | IL – L | 0.504 | 0.478 | 0.478 | 180 | 206 | 71 | 90 |
| NACC | 24 | H – IH | 2.957 | 0.086 | 0.128 | 100 | 129 | 77 | 134 |
|  |  | H – IL | 7.503 | 0.006 | 0.018 | 77 | 100 | 77 | 134 |
|  |  | IH – IL | 1.822 | 0.177 | 0.213 | 77 | 100 | 100 | 129 |
|  |  | H – L | 9.849 | 0.002 | 0.010 | 124 | 145 | 77 | 134 |
|  |  | IH – L | 3.001 | 0.083 | 0.128 | 124 | 145 | 100 | 129 |
|  |  | IL – L | 0.110 | 0.740 | 0.740 | 124 | 145 | 77 | 100 |
|  | 48 | H – IH | 9.488 | 0.002 | 0.006 | 100 | 129 | 77 | 134 |
|  |  | H – IL | 4.709 | 0.030 | 0.060 | 77 | 100 | 77 | 134 |
|  |  | IH – IL | 0.468 | 0.494 | 0.494 | 77 | 100 | 100 | 129 |
|  |  | H – L | 13.803 | 0.000 | 0.001 | 124 | 145 | 77 | 134 |
|  |  | IH – L | 1.039 | 0.308 | 0.370 | 124 | 145 | 100 | 129 |
|  |  | IL – L | 2.534 | 0.111 | 0.167 | 124 | 145 | 77 | 100 |
|  | 96 | H – IH | 7.792 | 0.005 | 0.016 | 100 | 129 | 77 | 134 |
|  |  | H – IL | 0.205 | 0.650 | 0.747 | 77 | 100 | 77 | 134 |
|  |  | IH – IL | 2.271 | 0.132 | 0.198 | 77 | 100 | 100 | 129 |
|  |  | H – L | 8.454 | 0.004 | 0.016 | 124 | 145 | 77 | 134 |
|  |  | IH – L | 0.104 | 0.747 | 0.747 | 124 | 145 | 100 | 129 |
|  |  | IL – L | 2.848 | 0.092 | 0.183 | 124 | 145 | 77 | 100 |

\*PBHC=Benjamini-Hochberg corrected p-value

\*\*H=high-risk subtype; IH=intermediate-high-risk subtype; IL=intermediate-low-risk subtype; L=low-risk subtype

Comparisons in survival curves corresponding to Fig. 4B. Pairwise-comparisons were made within each dataset and month (M column) between the probabilities of survival in each of the different subtypes (Comparison column). Survival and variance estimates were computed using Kaplan-Meier fits of either curve, and statistical tests were computed as described in the methods. P-values were adjusted via the Benjamini-Hochberg procedure (pBHC). Degrees of freedom are 1 for this particular test (please see Klein *et al.* 1, Equation 3).

1. Klein JP, Logan B, Harhoff M, Andersen PK. Analyzing survival curves at a fixed point in time. *Statistics in Medicine*. 2007-10-30 2007;26(24):4505-4519. doi:10.1002/sim.2864