**Supplementary Table.** Univariate results for the association of independent variables and telomere length: exponentiated regression coefficients and 95% Confidence Intervals.

|  |  |  |  |
| --- | --- | --- | --- |
| Variable | Full sample | Non-TDF exposed | TDF exposed |
| exp(β) (95%CI) | p-value | exp(β) (95%CI) | p-value | exp(β) (95%CI) | p-value |
| Tenofovir (yes vs. no) | 0.96 (0.90-1.03) | 0.238 |  |  |  |  |
| Age (vs. <45 years) 45-50 | 0.90 (0.83-0.98) | 0.012 | 0.85 (0.74-0.96) | 0.011 | 0.98 (0.89-1.08) | 0.731 |
|  >50 | 0.85 (0.79-0.92) | <0.001 | 0.81 (0.72-0.91) | <0.001 | 0.92 (0.84-1.01) | 0.093 |
| Father´s age (per year) | 1.004 (0.999-1.009) | 0.096 | 1.004 (0.997-1.011) | 0.268 | 1.004 (0.998-1.009) | 0.196 |
| Mother´s age (per year) | 1.004 (0.999-1.009) | 0.160 | 1.004 (0.996-1.012) | 0.355 | 1.003 (0.997-1.009) | 0.291 |
| Sex (female vs. male)  | 1.04 (0.97-1.11) | 0.297 | 1.06 (0.94-1.19) | 0.363 | 1.03 (0.95-1.11) | 0.450 |
| Race (others vs. Caucasian) | 1.16 (1.03-1.31) | 0.015 | 1.21 (1.03-1.42) | 0.018 | 1.00 (0.81-1.24) | 0.992 |
| Transmission (vs. sexual) Parenteral | 0.99 (0.93-1.06) | 0.775 | 0.95 (0.85-1.07) | 0.436 | 1.03 (0.96-1.11) | 0.446 |
|  Unknown | 0.99 (0.82-1.20) | 0.940 | 1.04 (0.81-1.34) | 0.773 | 0.87 (0.65-1.17) | 0.366 |
| Ever IDU (yes vs. no) | 0.97 (0.90-1.03) | 0.314 | 0.95 (0.84-1.08) | 0.445 | 0.98 (0.91-1.06) | 0.645 |
| Education (vs. primary) Secondary | 1.05 (0.97-1.13) | 0.238 | 1.02 (0.90-1.16) | 0.776 | 1.07 (0.99-1.16) | 0.084 |
|  University | 1.03 (0.96-1.12) | 0.419 | 1.01 (0.89-1.14) | 0.936 | 1.06 (0.96-1.16) | 0.245 |
| Income (higher vs. lower) | 0.96 (0.90-1.02) | 0.223 | 0.97 (0.87-1.08) | 0.581 | 0.95 (0.89-1.02) | 0.166 |
| Tobacco (pack-years vs.0) 1-21.5 | 0.92 (0.85-1.00) | 0.038 | 0.89 (0.78-1.01) | 0.062 | 1.00 (0.89-1.11) | 0.960 |
|  >21.5 | 0.92 (0.85-1.00) | 0.054 | 0.88 (0.77-0.99) | 0.038 | 1.02 (0.91-1.14) | 0.757 |
| Alcohol (gr-years vs. 0) 1-163 | 0.97 (0.90-1.05) | 0.467 | 0.94 (0.82-1.07) | 0.350 | 1.02 (0.93-1.11) | 0.669 |
|  >163 | 1.00 (0.92-1.07) | 0.897 | 0.98 (0.86-1.12) | 0.779 | 1.03 (0.94-1.12) | 0.530 |
| HCV co-infection (vs. no) Active | 0.99 (0.91-1.07) | 0.735 | 0.94 (0.81-1.09) | 0.397 | 1.04 (0.95-1.14) | 0.421 |
|  Past | 0.98 (0.90-1.06) | 0.612 | 0.93 (0.80-1.09) | 0.387 | 1.03 (0.94-1.12) | 0.540 |
| CD4 nadir (vs. <100 cells/µl) 100-200 | 1.00 (0.93-1.09) | 0.938 | 1.05 (0.92-1.12) | 0.461 | 0.96 (0.88-1.05) | 0.401 |
|  >200 | 1.01 (0.93-1.10) | 0.815 | 1.00 (0.87-1.15) | 0.970 | 1.02 (0.92-1.12) | 0.720 |
|  Unknown | 1.07 (0.92-1.25) | 0.388 | 1.04 (0.76-1.42) | 0.804 | 1.09 (0.94-1.26) | 0.278 |
| AIDS stage (yes vs. no) | 0.95 (0.89-1.01) | 0.096 | 0.92 (0.83-1.03) | 0.139 | 0.97 (0.91-1.04) | 0.441 |
| Time with HIV (vs. <10 years) 10-20 | 0.82 (0.75-0.89) | <0.001 | 0.79 (0.70-0.89) | <0.001 | 0.90 (0.79-1.03) | 0.124 |
|  >20 | 0.85 (0.77-0.92) | <0.001 | 0.78 (0.68-0.90) | <0.001 | 0.96 (0.85-1.09) | 0.561 |
| Time on ART (vs. <10 years) 10-20 | 0.89 (0.82-0.95) | 0.001 | 0.85 (0.76-0.95) | 0.005 | 0.93 (0.85-1.02) | 0.118 |
|  >20 | 0.85 (0.76-0.95) | 0.006 | 0.76 (0.60-0.97) | 0.024 | 0.92 (0.82-1.05) | 0.213 |
| Time on NRTIs (vs. <5 years) 5-10 | 0.96 (0.86-1.06) | 0.420 | 0.97 (0.83-1.13) | 0.654 | 0.97 (0.84-1.12) | 0.664 |
|  10-15 | 0.90 (0.82-1.00) | 0.041 | 0.87 (0.75- 1.02) | 0.080 | 0.96 (0.84-1.10) | 0.543 |
|  >15 | 0.89 (0.80-0.98) | 0.020 | 0.82 (0.70-0.96) | 0.013 | 0.98 (0.86-1.12) | 0.778 |
| Time on TDF (vs. <5 years) 5-10 |  |  |  |  | 1.09 (1.00-1.18) | 0.060 |
|  >10 |  |  |  |  | 1.06 (0.97-1.17) | 0.189 |
| Exposure to PIs (yes vs. no) | 0.92 (0.86-1.00) | 0.039 | 0.87 (0.77-0.98) | 0.020 | 0.99 (0.90-1.08) | 0.826 |
| Time on PIs (vs. <5 years) 5-10 | 0.96 (0.88-1.04) | 0.331 | 0.96 (0.84-1.11) | 0.596 | 0.96 (0.87-1.06) | 0.390 |
|  10-15 | 0.95 (0.86-1.05) | 0.331 | 0.94 (0.81-1.09) | 0.400 | 0.97 (0.85-1.11) | 0.698 |
|  >15 | 1.03 (0.94-1.14) | 0.506 | 1.06 (0.90-1.24) | 0.499 | 1.01 (0.90-1.14) | 0.814 |