Telomere Length and Outcome of Treatment for Pulmonary Tuberculosis in a Gold Mining Community

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### Table E1. Multivariable Linear Regression Analysis of Predictors for Leukocyte Telomere Length (Including Treatment Outcomes)

| Variables                  | All Participants | Mining-Related Job |
|----------------------------|------------------|---------------------|
|                            | Adjusted Model   |                     |
|                            | Coef. [95% Conf Interval] p-value | Coef. [95% Conf Interval] p-value | Coef. [95% Conf Interval] p-value |
| Mining-related-activities  | No               | Yes                |
| No                         | Ref. -0.102      | -0.199             | 0.006               | 0.038               | 0.006  | 0.006  |          |          |
| Yes                        |                  |                    |                     |                    |        |        |          |          |
| Age (+1 year)              | 0.086            | -1.12              | 1.29                | 0.852              | -0.160 | 0.351  | 0.032   | 0.10     |
| Sex                        | Ref. 0.254       |                    | -0.903              | 1.41               | 0.576  | 0.119  | 0.017   | 0.254    |
| Female                     |                  |                    | 0.903               | 1.22               | 0.364  | 0.050  | 0.050   | 0.13     |
| Male                       |                  |                    | 0.144               | 0.86               | 0.319  | 0.082  | 0.031   | 0.11     |
| BMI (+1kg/m²)              | 1.06             | -2.79              | 4.98                | 0.486              | 0.319  | 0.082  | 0.031   | 0.11     |
| Tobacco-Smoking            | No               | Yes                |
| No                         | Ref. -0.463      |                    | -2.36               | 1.43               | 0.535  | -0.157 | -0.364  | 0.050    |
| Yes                        |                  |                    | 0.352               | -1.31              | 2.02   | -0.131 | -0.293  | 0.031    |
| New Case                   | Ref. 0.352       |                    | -1.31               | 2.02               | 0.589  | -0.131 | -0.293  | 0.031    |
| New case                   |                  |                    | 0.352               | -1.31              | 2.02   | -0.131 | -0.293  | 0.031    |
| Retreatment                |                  |                    | 0.352               | -1.31              | 2.02   | -0.131 | -0.293  | 0.031    |
| HIV(+)                     | No               | Yes                |
| No                         | Ref. 0.099       |                    | -0.739              | 0.94               | 0.759  | -0.186 | -0.347  | -0.025   |
| Yes                        |                  |                    | 0.099               | 0.94               | 0.759  | -0.186 | -0.347  | -0.025   |
| Cured                      | Ref. 0.122       |                    | -0.992              | 1.24               | 0.777  | 0.153  | -0.002  | 0.308    |
| Yes                        |                  |                    | 0.122               | 1.24               | 0.777  | 0.153  | -0.002  | 0.308    |
| No                         |                  |                    | 0.122               | 1.24               | 0.777  | 0.153  | -0.002  | 0.308    |
| Mining                     | —                | —                  | —                   | —                  | —      | —      | —       | —        |
|                            | —                | —                  | —                   | —                  | —      | —      | —       | —        |

BMI: body mass index. Ref.: reference. All models are adjusted for sociodemographic and clinical variables.