**Supplementary Figure 1.** Ascertainment of the original Great Smoky Mountains study sample

 

**Supplementary Figure 2.**

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**Supplementary Table 1.** Prevalence of childhood loneliness between ages 9 to 16 and

association with childhood peer relationship

|  |  |
| --- | --- |
|  | Child- and parent-report loneliness |
|   | *Never lonely* n (%) | *Ever lonely* n (%) | *p value a* |
|  |
| *Overall childhood loneliness* | 1230 (86.6) | 190 (13.8%) |  |
| Peer relationship |  |  |  |
|  Frequency of contact with peers |  494 (40.2) | 106 (55.8) |  0.081 |
|  No Confidant(e) among peers | 712 (57.9) | 116 (61.1) |  0.843 |
|  No confidant(e) in family | 685 (57.9) | 116 (61.1) |  0.322 |
|  Number of arguments with peers |  104 (8.5) |  48 (25.3) |  0.001 |
|  Shyness with peers |  369 (30) |  93 (48.9) |  0.056 |
|  Teased or bullied | 372 (30.2) | 115 (60.5) |  <0.0001 |

Numbers denotes children included in one or more analyses. Numbers are unweighted, and

percentages are weighted.

 a*p* value from binary logistic regression of childhood loneliness and childhood peer relationship

outcomes. The models (Odds ratio [ORs]) are adjusted for child sex.

**Supplementary Table 2.** Comparison of latent class growth analysis of

loneliness trajectories model fitindices

|  |  |
| --- | --- |
|  | Fit indices |
|   | Entropya | AICb | BICc | *BLRTp valued* |
| Number of class |  |  |  |  |
| 2 |  0.91 | 175.86 | 180.21 |  <0.001 |

a*AIC = Akaike’s Information Criterion;* b*BIC = Bayesian Information*

*Criterion;* c*BLRT = Bootstrap Likelihood Ratio Test.*