**Table S.1.** *Percentage of participants with scores on externalizing problems at different numbers of time points*

|  |  |
| --- | --- |
| No. of Time Points | Externalizing  Problems (%) |
| 0 | 0.2 |
| 1 | 1.4 |
| 2 | 1.2 |
| 3 | 0.2 |
| 4 | 1.4 |
| 5 | 1.5 |
| 6 | 1.0 |
| 7 | 1.9 |
| 8 | 2.1 |
| 9 | 2.9 |
| 10 | 2.4 |
| 11 | 1.2 |
| 12 | 2.2 |
| 13 | 2.2 |
| 14 | 2.4 |
| 15 | 2.9 |
| 16 | 4.3 |
| 17 | 5.3 |
| 18 | 9.2 |
| 19 | 17.6 |
| 20 | 36.6 |

**Table S.2.** *Correlation matrix of predictors and means and standard deviations*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Class | Variable | Time | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | 25. | 26. | 27. | 28. | 29. | 30. | 31. | 32. | 33. | 34. | 35. | 36. | 37. | 38. | 39. | 40. | 41. | 42. | 43. | 44. | 45. | 46. | 47. | 48. | 49. | 50. | 51. | 52. | 53. | 54. | 55. | 56. | 57. | 58. | 59. | 60. 61. 62. 63. 64. 65. 66. |
| Demographics | 1. female | TI | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2. SES | EC | -.05 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3. African American | TI | .03 | **-.40** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4. Other ethnicity | TI | -.03 | -.01 | -.06 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5. Educational attainment | AD | **.10** | **.47** | **-.17** | .03 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6. Length of unemployment | AD | **-.10** | **-.13** | **.11** | .07 | **-.30** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Parenting | 7. Values aggression | EC | **-.10** | **-.23** | **.12** | .00 | **-.20** | .08† | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8. Positive parenting | EC | -.01 | **.20** | **-.11** | **-.09** | **.13** | .01 | **-.15** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9. Parental conflict | EC | -.03 | -.02 | **-.12** | -.02 | -.03 | .04 | **.16** | -.04 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10. Exposure to violence | EC | .00 | **-.32** | **.26** | -.04 | **-.29** | **.12** | **.14** | -.04 | .07† | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11. Harsh discipline | EC | **-.10** | **-.28** | **.19** | -.06 | **-.29** | .09† | **.20** | -.07† | **.22** | **.26** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12. Parental involvement | EA | .05 | **-.21** | **.13** | -.01 | **-.11** | .07 | .07 | -.05 | -.04 | .08† | .04 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13. Parental involvement | LA | **.12** | .05 | -.07 | -.04 | .08 | -.06 | -.04 | .00 | -.06 | -.02 | -.05 | **.22** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14. Parental monitoring | EA | **.12** | .05 | -.08† | .01 | **.20** | **-.15** | **-.09** | .05 | **-.10** | **-.15** | **-.12** | .07 | **.20** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15. Parental monitoring | LA | .03 | **-.11** | **.15** | -.02 | -.01 | -.03 | **.10** | -.07 | -.06 | -.02 | .02 | .01 | .01 | **.28** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16. Spank | EC | -.18 | **-.28** | .07 | -.12† | **-.31** | .09 | **.25** | -.08 | **.20** | **.14** | **.56** | **.15** | .03 | -.05 | .07 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17. Physical harm | EC | .01 | **-.14** | .03 | -.03 | -.08† | -.04 | **.11** | .01 | **.10** | **.08** | **.20** | -.07 | .03 | .01 | .08† | .01 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Parent Adjustment | 18. Mother drug use | LA | .06 | -.09† | -.07 | -.07 | .00 | .04 | .04 | -.03 | .01 | .01 | -.04 | -.03 | -.04 | -.10† | -.01 | -.06 | .08† | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19. Father drug use | LA | .03 | **-.18** | .02 | -.09† | **-.17** | .02 | **.13** | -.06 | .08† | .08 | .03 | .05 | -.02 | **-.14** | -.04 | .02 | -.01 | **.46** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20. Mother arrest | LA | .01 | **-.19** | **.14** | -.03 | **-.18** | .04 | .09† | -.06 | .01 | .06 | .04 | .08 | .00 | -.03 | **.16** | .07 | .05 | **.25** | **.12** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21. Father arrest | LA | .01 | **-.20** | **.15** | -.05 | **-.16** | .06 | .09† | -.08 | **.12** | **.19** | **.17** | -.05 | -.07 | -.05 | .04 | .14† | **.12** | **.21** | **.33** | **.13** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Peers | 22. Peer deviance | EA | **-.09** | **-.16** | **.11** | -.02 | **-.21** | **.13** | **.09** | -.08† | .05 | **.15** | **.14** | .07 | -.07 | **-.48** | **-.20** | .07 | .08† | .09† | **.16** | .00 | **.16** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23. Peer deviance | LA | **-.09** | -.06 | .00 | -.02 | **-.22** | **.21** | .06 | -.01 | **.12** | .02 | .05 | .03 | **-.11** | **-.33** | -.07 | .02 | .08† | **.22** | **.15** | .09† | **.12** | **.48** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24. Social preference | EC | **.16** | **.13** | **-.09** | .03 | **.21** | **-.18** | **-.09** | .04 | -.03 | **-.12** | **-.15** | .05 | .09† | **.16** | -.01 | -.07 | **-.09** | **-.10** | -.06 | **-.10** | **-.12** | **-.13** | **-.16** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25. Social preference | MC | **.10** | **.22** | -.08† | .01 | **.22** | **-.15** | .07† | .05 | -.08† | -.07† | **-.22** | .01 | **.10** | **.17** | -.01 | -.08 | **-.17** | **-.11** | **-.12** | -.01 | **-.20** | **-.13** | **-.15** | **.53** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Child Characteristics | 26. Intelligence | EA | **-.14** | **.42** | **-.38** | -.02 | **.46** | **-.18** | **-.15** | **.20** | .01 | **-.22** | **-.23** | **-.15** | -.03 | **.12** | -.06 | **-.20** | -.04 | -.02 | -.02 | **-.15** | **-.16** | **-.20** | -.07 | **.14** | **.18** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27. SIP | EC | **-.09** | **-.24** | **.14** | -.02 | **-.18** | .05 | **.11** | **-.10** | **.11** | **.17** | **.16** | .06 | -.02 | -.08† | **.09** | **.13** | .08† | -.02 | .06 | .05 | **.16** | **.11** | .00 | **-.10** | **-.14** | **-.17** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28. SIP | MC | -.06 | **-.22** | **.22** | -.01 | **-.17** | .09† | **.09** | **-.09** | -.02 | **.23** | **.20** | -.03 | **-.10** | **-.11** | .06 | .11† | **.17** | -.09† | -.05 | .03 | .08 | .06 | .00 | **-.22** | **-.22** | **-.30** | **.23** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29. Difficult | EC | -.02 | .00 | .07 | .06 | .07 | -.04 | .02 | .01 | .08 | .07 | **.12** | -.06 | .01 | .02 | -.01 | .08 | -.02 | **.11** | .08 | -.03 | .02 | -.04 | -.04 | -.04 | -.06 | .02 | .02 | .07 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30. Resistant to control | EC | -.08† | -.08† | -.01 | .00 | -.04 | .05 | **.12** | -.03 | .04 | **.09** | **.21** | -.06 | -.01 | -.03 | .03 | **.22** | .05 | **.15** | .07 | -.03 | .08 | .05 | .05 | **-.15** | **-.13** | -.05 | .05 | **.10** | **.50** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31. Unadaptable | EC | .00 | -.02 | **.13** | .05 | .05 | **-.11** | .03 | -.08† | .00 | .06 | .06 | -.03 | -.06 | .03 | .02 | -.01 | .01 | .00 | -.01 | -.09† | .05 | .01 | -.07 | .04 | .02 | -.01 | .07 | .03 | **.37** | **.19** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 32. Reward sensitivity | LA | **.14** | **-.20** | **.19** | .04 | **-.13** | .02 | .03 | .00 | .06 | **.12** | **.15** | **.13** | -.06 | **.14** | .09† | .00 | .03 | -.04 | .00 | .03 | **.20** | -.01 | -.01 | .02 | **-.15** | **-.16** | **.13** | .07 | -.01 | .06 | .06 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 33. Internalizing | EC | .04 | **-.09** | -.01 | .00 | -.04 | -.05 | **.20** | **-.09** | -.03 | .07 | **.09** | .05 | -.03 | -.07 | .00 | **.22** | **.11** | .01 | **.12** | .02 | **.11** | .07 | -.07 | **-.09** | -.02 | -.04 | .05 | .08† | **.12** | **.09** | **.09** | -.04 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 34. Internalizing | MC | .00 | **-.13** | .05 | -.01 | **-.15** | .06 | **.19** | -.06 | .04 | **.19** | **.16** | .02 | -.07 | **-.12** | -.02 | **.20** | .07† | .05 | **.13** | .05 | **.14** | **.11** | .08† | **-.24** | **-.25** | **-.14** | **.09** | **.16** | **.14** | **.14** | **.10** | .05 | **.49** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 35. Internalizing | EA | **.11** | **-.15** | -.01 | -.03 | **-.25** | **.18** | **.15** | -.02 | .06 | **.09** | **.13** | -.01 | -.09† | **-.11** | -.06 | .12† | **.14** | **.11** | **.12** | .08 | **.14** | **.15** | **.20** | **-.23** | **-.25** | **-.17** | **.10** | **.16** | .05 | **.13** | .05 | **.15** | **.34** | **.66** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 36. Internalizing | LA | **.23** | -.04 | -.06 | -.04 | **-.14** | **.14** | **.14** | -.07 | .04 | .02 | .01 | -.03 | **-.11** | **-.13** | .02 | .02 | **.18** | **.20** | **.21** | **.10** | **.17** | **.12** | **.30** | **-.20** | **-.15** | -.05 | .07 | **.11** | .02 | .08† | .03 | .07 | **.28** | **.45** | **.67** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 37. Internalizing | AD | **.16** | -.05 | -.06 | .02 | **-.21** | **.22** | **.12** | -.07 | **.14** | .04 | .03 | .03 | -.09† | **-.16** | -.04 | .04 | .04 | **.14** | **.11** | **.13** | **.12** | **.20** | **.27** | **-.19** | **-.19** | -.02 | .03 | .08† | .04 | **.11** | -.03 | .02 | **.10** | **.21** | **.38** | **.57** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Variable | Time | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | 25. | 26. | 27. | 28. | 29. | 30. | 31. | 32. | 33. | 34. | 35. | 36. | 37. | 38. | 39. | 40. | 41. | 42. | 43. | 44. | 45. | 46. | 47. | 48. | 49. | 50. | 51. | 52. | 53. | 54. | 55. | 56. | 57. | 58. | 59. | 60. 61. 62. 63. 64. 65. 66. |
| Child Characteristics | 38. Language ability | MC | **.18** | **.52** | **-.33** | .00 | **.54** | **-.24** | **-.22** | **.09** | -.08† | **-.30** | **-.32** | **-.14** | -.01 | **.11** | -.09† | **-.24** | **-.10** | .01 | -.05 | -.07 | **-.16** | **-.13** | **-.15** | **.28** | **.37** | **.63** | **-.22** | **-.36** | .02 | **-.13** | .03 | -.10† | -.04 | **-.24** | **-.23** | -.01 | -.03 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 39. Language ability | EA | **.18** | **.51** | **-.35** | .00 | **.59** | **-.24** | **-.21** | **.14** | -.05 | **-.33** | **-.34** | **-.13** | .00 | **.16** | **-.11** | **-.30** | **-.14** | .01 | -.07 | -.07 | **-.17** | **-.21** | **-.17** | **.21** | **.31** | **.65** | **-.25** | **-.34** | .06 | -.07 | .06 | **-.14** | -.06 | **-.19** | **-.20** | .00 | .00 | **.86** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40. Language ability | LA | .12 | **.42** | **-.25** | -.23† | **.40** | **-.36** | -.18 | .19 | -.10 | .01 | **-.34** | -.24† | -.09 | -.03 | .06 | -.70 | **-.26** | -.05 | .02 | -.06 | -.08 | -.11 | **-.26** | .23† | **.25** | **.66** | -.06 | -.39 | -.14 | .16 | -.04 | -.09 | -.09 | -.11 | -.21† | .04 | .06 | **.84** | **.87** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Stress | 41. Family stress | EC | .01 | **-.10** | -.06 | .01 | **-.13** | .03 | **.14** | .03 | **.28** | **.15** | **.12** | .00 | -.08† | **-.12** | -.05 | **.19** | **.11** | **.21** | **.23** | .09† | **.22** | .08† | **.14** | **-.10** | **-.15** | .01 | .07† | .02 | **.11** | .07† | .01 | .05 | **.13** | **.19** | **.20** | **.22** | **.12** | -.09† | -.08† | 0.02 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 42. Family stress | MC | -.01 | **-.23** | .05 | -.03 | **-.24** | **.12** | **.19** | -.05 | **.23** | **.23** | **.19** | .06 | -.06 | **-.12** | -.03 | **.20** | **.11** | **.11** | **.21** | **.10** | **.19** | **.13** | **.14** | **-.15** | **-.19** | **-.14** | **.15** | **.11** | **.09** | **.10** | .02 | -.01 | **.26** | **.42** | **.36** | **.30** | **.16** | **-.23** | **-.17** | **-.25** | **.40** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 43. Family stress | EA | .02 | **-.21** | .04 | -.02 | **-.26** | **.12** | **.23** | .00 | **.21** | **.18** | **.22** | .06 | -.06 | **-.10** | -.05 | **.13** | **.17** | **.14** | **.18** | **.16** | **.17** | **.18** | **.23** | **-.15** | **-.16** | **-.15** | **.10** | .05 | -.02 | .07 | .02 | .08 | **.12** | **.27** | **.40** | **.31** | **.24** | **-.21** | **-.20** | -0.12 | **.34** | **.54** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 44. Family stress | LA | .09† | **-.19** | **.09** | -.04 | **-.31** | **.16** | **.17** | -.03 | **.15** | **.17** | **.21** | .04 | .04 | **-.14** | .00 | **.14** | **.12** | **.16** | **.18** | **.14** | **.20** | **.14** | **.22** | **-.22** | **-.16** | **-.19** | **.10** | .07 | .00 | .09† | -.02 | **.11** | **.13** | **.25** | **.32** | **.36** | **.24** | **-.19** | **-.22** | -.18 | **.34** | **.48** | **.54** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45. Individual stress | EA | -.03 | **-.12** | .06 | -.02 | **-.31** | **.12** | **.13** | -.08 | **.12** | .06 | **.16** | -.03 | -.08† | **-.29** | **-.15** | **.16** | **.12** | .03 | **.16** | .07 | **.15** | **.30** | **.33** | **-.21** | **-.23** | **-.20** | .04 | **.14** | -.05 | **.10** | .00 | .03 | .09† | **.22** | **.34** | **.37** | **.32** | **-.20** | **-.20** | .08 | **.20** | **.26** | **.32** | **.39** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 46. Individual stress | LA | .07 | **-.15** | .01 | -.06 | **-.31** | **.22** | **.15** | -.06 | **.12** | **.11** | .07 | .00 | -.05 | **-.26** | -.08† | **.16** | .07 | **.22** | **.23** | **.16** | **.20** | **.28** | **.45** | **-.21** | **-.22** | **-.16** | .01 | .02 | .02 | **.13** | -.07 | .04 | .07 | **.23** | **.33** | **.49** | **.44** | -.08 | **-.13** | .07 | **.26** | **.34** | **.36** | **.50** | **.61** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 47. Individual stress | AD | .09† | **-.14** | .09† | .00 | **-.22** | **.19** | .09† | -.01 | .06 | **.14** | **.12** | .03 | **.19** | **-.16** | -.02 | .07 | .05 | .06 | .00 | **.11** | .06 | **.22** | **.20** | **-.13** | **-.16** | **-.17** | .09† | .05 | .07 | **.11** | -.03 | .02 | .02 | **.20** | **.30** | **.28** | **.34** | **-.16** | **-.17** | -.05 | **.10** | **.29** | **.25** | **.26** | **.26** | **.34** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 48. Sleep problems | EC | .07 | .02 | -.03 | -.04 | .03 | -.05 | .08† | -.02 | -.01 | .07 | .08† | -.07 | -.05 | .00 | -.01 | -.01 | .03 | .02 | .06 | .05 | -.01 | **.10** | -.01 | **-.12** | .00 | .02 | .00 | .04 | **.21** | **.11** | .02 | -.03 | **.32** | **.28** | **.18** | **.17** | .06 | .03 | .06 | -.01 | **.11** | **.20** | .06 | **.11** | .02 | -.04 | **.10** | 1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 49. Sleep problems | MC | .07† | -.06 | -.01 | -.05 | -.03 | -.04 | **.17** | -.02 | .01 | **.13** | .08† | .03 | -.01 | -.05 | -.07 | .12† | .01 | .05 | **.12** | .04 | .02 | **.11** | .07 | **-.09** | **-.09** | -.02 | .00 | .03 | **.21** | **.18** | .02 | .03 | **.32** | **.50** | **.34** | **.30** | **.13** | -.05 | .00 | -.02 | **.16** | **.33** | **.20** | **.18** | .03 | .07 | **.16** | **.58** | 1 |  |  |  |  |  |  |  |  |  |  |  |
| 50. Sleep problems | EA | .02 | -.06 | -.03 | -.04 | -.08 | .09† | **.10** | -.03 | .04 | .05 | **.11** | .03 | -.04 | -.08† | **-.10** | **.19** | .01 | .04 | **.15** | .05 | .01 | **.12** | **.17** | **-.10** | -.06 | .02 | .05 | .07 | .08† | **.10** | .00 | .06 | **.25** | **.51** | **.58** | **.44** | **.18** | -.07 | -.01 | .14 | **.14** | **.30** | **.26** | **.26** | **.20** | **.20** | **.20** | **.34** | **.58** | 1 |  |  |  |  |  |  |  |  |  |  |
| 51. Sleep problems | LA | **.09** | -.04 | -.06 | -.06 | **-.11** | **.17** | **.09** | .01 | -.01 | .06 | .05 | -.02 | -.06 | **-.12** | -.03 | .03 | **.10** | **.10** | **.13** | .08† | .03 | .06 | **.23** | **-.10** | **-.09** | -.02 | .05 | .03 | .02 | .06 | -.01 | .06 | **.23** | **.40** | **.47** | **.56** | **.22** | -.03 | -.06 | -.02 | **.16** | **.33** | **.29** | **.37** | **.23** | **.29** | **.20** | **.20** | **.38** | **.52** | 1 |  |  |  |  |  |  |  |  |  |
| Pregnancy | 52. Medical complications | EC | .00 | -.05 | .06 | -.02 | -.04 | -.08 | .01 | .01 | .00 | **.11** | .08† | .07 | **.10** | .06 | -.06 | .11† | .07† | -.06 | .01 | .09† | .00 | .08† | .00 | -.01 | -.08† | -.09† | -.04 | .00 | .02 | .04 | .02 | .05 | .03 | **.09** | .08† | .03 | .03 | -.08† | **-.11** | -.04 | -.01 | **.11** | .07 | .08† | .04 | .07 | .06 | .07 | .08† | .04 | .00 | 1 |  |  |  |  |  |  |  |  |
| 53. Teenage pregnancy | EC | .03 | **-.31** | **.30** | -.04 | -.02 | .07 | .01 | .00 | .08 | **.21** | .12 | .13 | .00 | -.08 | .06 | .00 | .10 | -.11 | .04 | **.22** | .16 | -.09 | -.15† | .05 | .05 | -.14 | -.02 | .06 | .03 | -.04 | .00 | **.24** | .04 | .10 | .02 | -.04 | .00 | -.14 | -.16† | .00 | .00 | .09 | .02 | -.05 | -.04 | .00 | -.01 | -.06 | .07 | .00 | .08 | -.05 | 1 |  |  |  |  |  |  |  |
| 54. Unplanned pregnancy | EC | .00 | **-.27** | **.17** | -.02 | **-.16** | -.01 | .06 | -.08† | -.07 | **.23** | .08† | .08 | .01 | -.05 | .06 | -.01 | **.10** | .05 | .07 | **.16** | .09† | .04 | .00 | **-.09** | -.06 | **-.15** | **.13** | **.21** | .02 | .08† | .03 | **.12** | .04 | **.11** | **.09** | **.11** | .02 | **-.21** | **-.15** | .01 | .05 | **.17** | **.13** | .09† | .05 | .06 | **.11** | -.01 | .03 | .05 | .07 | .01 | **.20** | 1 |  |  |  |  |  |  |
| Family Background | 55. Low father caregiving | EC | .04 | **-.36** | **.36** | -.01 | **-.28** | **.12** | .07 | -.01 | **-.35** | **.26** | .08† | .09† | -.06 | -.09† | **.14** | .01 | **.12** | .03 | **.12** | .04 | **.20** | **.09** | .05 | **-.08** | **-.13** | **-.24** | **.09** | **.12** | -.08† | -.04 | .02 | **.12** | .02 | **.14** | **.12** | .06 | .01 | **-.26** | **-.25** | -.02 | .07 | .08† | .07 | **.12** | **.14** | **.17** | .09† | -.06 | .00 | -.01 | .01 | .03 | .15† | **.21** | 1 |  |  |  |  |  |
| 56. Low father caregiving | MC | .07 | **-.31** | **.27** | -.03 | **-.18** | .05 | .04 | -.06 | **-.11** | **.12** | .05 | .07 | .05 | -.04 | .06 | .08 | .05 | -.05 | .06 | .07 | .03 | .02 | .05 | -.02 | -.04 | **-.22** | .01 | .09† | -.08† | -.05 | -.01 | **.17** | -.04 | **.11** | **.09** | .02 | .03 | **-.21** | **-.18** | .02 | .05 | .04 | .08† | .08† | **.15** | **.13** | **.12** | -.04 | .01 | .06 | .03 | .03 | **.21** | **.18** | **.43** | 1 |  |  |  |  |
| 57. Single mother | EC | .07† | **-.37** | **.32** | -.05 | **-.30** | **.11** | **.11** | -.07 | -.08† | **.28** | **.09** | **.10** | -.09† | **-.17** | **.15** | **.15** | **.15** | .06 | **.17** | .09† | **.19** | **.16** | **.11** | **-.09** | **-.19** | **-.24** | .08† | **.16** | -.03 | -.01 | .02 | **.12** | .04 | **.16** | **.16** | **.12** | **.13** | **-.27** | **-.25** | -.07 | **.19** | **.18** | **.17** | **.16** | **.18** | **.24** | .09† | -.04 | .02 | .04 | .03 | .02 | .09 | **.22** | **.64** | **.49** | 1 |  |  |  |
| 58. Cohabiting | EC | -.05 | **-.11** | .06 | .05 | **-.11** | .07 | .04 | -.06 | -.04 | .08† | .03 | -.01 | .05 | -.04 | -.03 | .06 | -.04 | -.04 | .03 | .03 | **.12** | .06 | .01 | -.04 | -.06 | **-.10** | .04 | -.02 | -.03 | .03 | -.02 | .06 | -.07† | .03 | .01 | -.04 | -.04 | **-.13** | **-.11** | .00 | -.07 | .02 | -.03 | .02 | .00 | .04 | .07 | -.03 | .00 | .02 | .00 | -.03 | .09 | .00 | **.09** | .06 | **-.10** | 1 |  |  |
| 59. Divorce | EC | .05 | **-.11** | -.04 | -.02 | **-.14** | -.03 | .01 | -.05 | **.14** | .06 | **.12** | -.03 | -.04 | **-.11** | -.04 | .06 | **.11** | .08† | **.15** | .02 | **.12** | **.14** | **.11** | .00 | **-.13** | .00 | .02 | -.01 | .02 | .07 | .03 | .03 | .00 | **.11** | .05 | .02 | .06 | -.09† | **-.11** | -.14 | **.32** | **.16** | .03 | .07 | **.10** | **.13** | .01 | .01 | .05 | .04 | .02 | .00 | .00 | .03 | **.19** | **.19** | **.35** | **.13** | 1 |  |
| 60. Divorce | MC | .01 | **-.18** | **.10** | .00 | **-.14** | **.14** | **.10** | **-.11** | **.20** | .04 | **.10** | -.04 | **-.09** | **-.12** | -.01 | .05 | .00 | .09† | **.21** | .04 | **.15** | .04 | .07 | **-.10** | **-.13** | **-.11** | .07 | .08† | .04 | .03 | .02 | .01 | .06 | **.19** | **.15** | **.12** | .08† | **-.14** | **-.11** | -.07 | **.21** | **.41** | **.19** | **.18** | **.15** | **.22** | **.11** | .02 | **.10** | **.12** | **.11** | -.02 | .11 | .05 | -.01 | **.10** | .05 | -.01 | **.15** | 1 |
| 61. Divorce | EA | .01 | **-.11** | .05 | .03 | **-.14** | .01 | .09† | -.06 | **.13** | .04 | **.14** | -.07 | **-.10** | **-.14** | -.04 | .08 | **.20** | .08† | **.10** | .06 | **.16** | **.14** | **.17** | -.08† | **-.11** | **-.14** | .00 | **.09** | .02 | .08† | .05 | .03 | **.10** | **.16** | **.19** | **.17** | **.14** | **-.13** | **-.15** | -.08 | **.16** | **.18** | **.32** | **.14** | **.40** | **.25** | **.18** | .02 | .08† | .05 | .08 | .01 | .13 | .07 | -.02 | .06 | .02 | -.05 | .07 | **.21** 1 |
| 62. Divorce | LA | .02 | **-.13** | **.10** | -.06 | **-.13** | .03 | .09† | -.06 | **.12** | .00 | .05 | .00 | .05 | **-.14** | .02 | **.20** | .07 | **.17** | **.14** | .03 | **.23** | **.10** | **.12** | -.06 | **-.09** | **-.15** | .01 | .04 | .01 | -.01 | -.02 | -.04 | .08† | .07 | .03 | **.11** | **.09** | -.07 | -.08 | **.26** | **.18** | **.14** | **.13** | **.30** | **.19** | **.34** | **.14** | -.03 | -.02 | -.02 | .06 | -.02 | .00 | .06 | .07 | .04 | **.10** | -.05 | .04 | **.23** .29 1 |
| 63. Divorce | AD | .06 | -.03 | .02 | -.02 | -.09 | .09 | .06 | .01 | .10 | .01 | .05 | .12† | -.06 | -.03 | .00 | -.09 | **.14** | .13† | .01 | .05 | .01 | .06 | .02 | .00 | -.01 | -.09 | -.02 | -.02 | .01 | .05 | -.02 | .01 | .07 | .06 | .08 | .06 | **.12** | .01 | .00 | -.11 | .10 | **.21** | .09 | **.19** | .08 | **.15** | **.26** | -.03 | -.01 | .01 | .08 | -.03 | -.11 | -.02 | -.03 | .08 | .10 | -.03 | .06 | .09 .06 .03 1 |
| 64. Child:adult ratio | EC | -.02 | **-.28** | **.29** | .02 | **-.24** | **.17** | **.11** | -.04 | -.07 | **.24** | **.09** | .06 | **-.10** | **-.12** | .04 | .08 | .02 | -.08† | .06 | .00 | .05 | **.12** | **.11** | -.07 | -.08† | **-.18** | .04 | **.17** | .01 | .02 | .06 | **.14** | .00 | .04 | .03 | -.03 | .04 | **-.25** | **-.27** | -.15 | .04 | .02 | **.12** | .08† | .06 | .07 | .01 | -.04 | -.04 | .03 | .01 | .04 | .03 | **.18** | **.33** | **.27** | **.42** | .02 | **.09** | .04 .02 .07 -.07 1 |
| Activities | 65. Television | EC | -.06 | **-.19** | **.21** | .06 | -.09† | .09† | **.27** | **-.10** | **.09** | **.11** | **.14** | .05 | .02 | **-.13** | .06 | **.13** | .08† | .07 | -.01 | -.01 | .01 | **.12** | -.01 | **-.09** | -.07 | .00 | **.18** | .07 | **.13** | **.15** | **.09** | .02 | .07† | .01 | .02 | -.02 | .00 | **-.12** | **-.10** | -.10 | .04 | .08† | .03 | **.11** | .03 | .04 | .07 | .00 | .04 | .02 | .00 | .01 | -.02 | .02 | **.11** | .01 | .08† | .01 | -.07† | .02 -.07 .02 .04 -.01 1 |
| 66. Childcare | EC | -.02 | **.15** | -.02 | -.07 | .05 | .02 | -.03 | .07 | .08† | -.03 | -.03 | .03 | .02 | **-.11** | -.05 | -.07 | .03 | .08† | .09† | .02 | .03 | **.11** | .08† | **-.16** | -.08† | .00 | -.01 | .04 | -.02 | .01 | **-.10** | -.01 | -.06 | -.03 | -.04 | .01 | .00 | .03 | .06 | .01 | **.15** | .05 | .01 | .06 | **.11** | .03 | .00 | .04 | -.01 | .02 | .02 | -.03 | -.07 | -.01 | -.03 | **.10** | .04 | .05 | **.12** | .03 .10 .07 .00 -.08 .02 1 |
|  |  | *M* | 0.48 | 39.53 | 0.17 | 0.02 | 7.38 | 7.67 | 2.62 | 3.30 | 1.92 | 1.76 | 2.68 | 7.50 | 5.52 | 2.67 | 2.71 | 2.20 | 0.04 | 0.28 | 0.52 | 0.06 | 0.21 | 1.59 | 2.01 | 0.15 | 0.12 | 9.61 | 0.16 | 0.15 | 3.30 | 3.58 | 2.99 | 54.67 | 8.01 | 8.80 | 10.78 | 12.52 | 19.31 | 62.70 | 64.46 | 68.28 | 3.27 | 2.47 | 2.60 | 2.74 | 4.08 | 3.94 | 2.63 | 0.21 | 0.15 | 0.16 | 0.21 | 1.27 | 0.09 | 0.13 | 0.22 | 0.43 | 0.25 | 0.03 | 0.23 | 0.220.19 0.20 0.05 1.37 1.96 0.00 |
|  |  | *SD* | 0.50 | 14.01 | 0.37 | 0.14 | 2.34 | 15.72 | 0.67 | 0.66 | 0.92 | 0.93 | 0.88 | 6.56 | 4.45 | 0.27 | 0.69 | 1.32 | 0.20 | 0.45 | 0.50 | 0.23 | 0.41 | 0.43 | 0.61 | 0.97 | 0.78 | 3.08 | 0.20 | 0.14 | 0.95 | 1.12 | 1.09 | 24.26 | 5.06 | 5.32 | 6.72 | 8.51 | 12.76 | 23.37 | 24.49 | 22.83 | 1.48 | 1.65 | 1.67 | 2.00 | 3.71 | 3.02 | 1.95 | 0.35 | 0.24 | 0.23 | 0.28 | 0.55 | 0.28 | 0.33 | 0.41 | 0.50 | 0.43 | 0.17 | 0.42 | 0.420.39 0.40 0.21 0.85 0.58 0.76 |

*Note:* Significant correlations (*p* < .05) are in bold. TI, Time invariant; EC, early childhood; MC, middle childhood; EA, earlier adolescence; LA, later adolescence; AD, adulthood.