Supplemental Table S.1. Post-hoc regression model A: 9–18-month parenting stress interaction with p-factor on 27-month child externalizing

|  |  |  |
| --- | --- | --- |
| Parameter | Beta (SE) | *p* |
| Intercept | 48.56 (1.59) | <0.001 |
| Internalizing  | 24.00 (9.71) | 0.01 |
| Marital | -5.86 (4.07) | 0.15 |
| Parenting Stress | 0.42 (1.56) | 0.79 |
| P-factor (P) | 0.58 (1.14) | 0.61 |
| P-factor\*Parenting Stressa | -5.22 (2.50) | 0.04 |
| Model fit |  |  |
| R2 | 0.06 |  |
| F | 2.75 |  |
| df | 10, 409 |  |
| p | 0.003 |   |
| *Note*. Five control variables not shown: INT and EXT factors from the p-factor bifactor model, adoption openness, prenatal exposures, and child sex. |
|

Supplemental Table S.2. Post-hoc regression model B: 9-month parenting stress interaction with p-factor on 18-month child externalizing

|  |  |  |
| --- | --- | --- |
| Parameter | Beta (SE) | *p* |
| Intercept | 47.73 (1.56) | <0.001 |
| Internalizing  | 17.00 (8.87) | 0.06 |
| Marital | 4.27 (3.89) | 0.27 |
| Parenting Stress | 4.65 (1.89) | 0.01 |
| P-factor (P) | -0.15 (1.07) | 0.89 |
| P-factor\*Parenting Stressa | -1.31 (2.34) | 0.58 |
| Model fit |  |  |
| R2 | 0.08 |  |
| F | 3.56 |  |
| df | 10, 420 |  |
| p | <0.001 |   |
| *Note*. Five control variables not shown: Internalizing and Externalizing factors from the p-factor bifactor model, adoption openness, prenatal exposures, and child sex  |
|
| aResults do not change substantively regardless of whether 9-month father-rated infant distress is included in the model. |

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| Supplemental Table S.3. Externalizing problems complete case vs. FCS imputation model |
| Complete case (N =337) |
|  | GxInternalizing | GxParenting Stress | GxMarital |
| Parameter | Beta (SE) | *p* | Beta (SE) | *p* | Beta (SE) | *p* |
| Intercept | 50.18 (1.93) | <0.001 | 49.96 (1.88) | <0.001 | 49.66 (1.90) | <0.001 |
| Internalizing  | 2.62 (20.42) | 0.90 | 17.37 (11.07) | 0.12 | 15.41 (11.15) | 0.17 |
| Martial | -2.2 (4.70) | 0.64 | -0.76 (4.69) | 0.87 | 10.51 (8.73) | 0.23 |
| Parenting Stress | 3.06 (1.44) | 0.04 | 8.12 (2.37) | 0.00 | 3.41 (1.44) | 0.02 |
| G  | 1.32 (1.37) | 0.34 | 1.65 (1.30) | 0.21 | 1.95 (1.32) | 0.14 |
| GxE | 19.02 (23.29) | 0.41 | -7.55 (2.87) | 0.01 | -17.34 (9.95) | 0.08 |
|  |  |  |  |  |  |  |
| FCS imputation 100 datasets (N = 561) |
|   | GxInternalizing | GxParenting Stress | GxMarital |
| Parameter | Beta (SE) | *p* | Beta (SE) | *p* | Beta (SE) | *p* |
| Intercept | 50.01 (1.03) | <0.001 | 50.13 (1.02) | <0.001 | 50.34 (1.02) | <0.001 |
| Internalizing  | 2.49 (18.87) | 0.90 | 19.03 (10.07) | 0.06 | 17.07 (10.14) | 0.09 |
| Martial | -1.18 (4.30) | 0.78 | -0.57 (4.35) | 0.90 | 8.93 (8.42) | 0.29 |
| Parenting Stress | 3.34 (1.28) | 0.01 | 6.64 (2.22) | 0.00 | 3.51 (1.27) | 0.01 |
| G  | -1.2 (1.39) | 0.39 | -1.4 (1.29) | 0.28 | -1.94 (1.32) | 0.14 |
| GxE | 20.85 (21.84) | 0.34 | -5.21 (2.87) | 0.07 | -14.49 (9.44) | 0.13 |
| Note: All models control for adoption openness, prenatal exposures, INT and EXT factor scores from the bifactor p-factor model, and child sex. |
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Supplemental Table S.4. Social competence complete case vs. FCS imputation model

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| Complete case (N =330) |
|  | GxInternalizing | GxParenting Stress | GxMarital |
| Parameter | Beta (SE) | *p* | Beta (SE) | *p* | Beta (SE) | *p* |
| Intercept | 101.83 (2.88) | <0.001 | 102.81 (2.83) | <0.001 | 102.97 (2.88) | <0.001 |
| Internalizing  | 34.34 (30.57) | 0.26 | -21.75 (17.15) | 0.21 | -20.09 (17.38)  | 0.25 |
| Marital | -0.20 (7.02) | 0.98 | -2.42 (7.04) | 0.731 | -8.05 (13.52) | 0.55 |
| Parenting Stress | -4.75 (2.13) | 0.03 | -13.15 (3.54) | 0.00 | -5.14 (2.15) | 0.02 |
| G  | 2.05 (2.06) | 0.32 | 0.71 (1.96) | 0.72 | 0.58 (2.00) | 0.77 |
| GxE | -76.89 (35.21) | 0.03 | 12.29 (4.27) | 0.00 | 10.77 (15.25) | 0.48 |
|  |  |  |  |  |  |  |
| FCS imputation 100 datasets (N = 561) |
|   | GxInternalizing | GxParenting Stress | GxMarital |
| Parameter | Beta (SE) | *p* | Beta (SE) | *p* | Beta (SE) | *p* |
| Intercept | 100.63 (1.58) | <0.001 | 100.22 (1.56) | <0.001 | 100.05 (1.58) | <0.001 |
| Internalizing  | 32.13 (29.55) | 0.28 | -15.59 (15.33) | 0.31 | -13.28 (15.39) | 0.39 |
| Marital | -2.37 (6.59) | 0.72 | -3.12 (6.61) | 0.64 | -7.41 (13.12) | 0.57 |
| Parenting Stress | -4.48 (1.94) | 0.02 | -10.00 (3.55) | 0.01 | -4.60 (1.96) | 0.02 |
| G  | -1.72 (2.07) | 0.41 | -0.95 (1.97) | 0.63 | -0.51 (2.02) | 0.80 |
| GxE |  -62 (33.96) | 0.07 | 8.68 (4.53) | 0.06 | 7.92 (15.07) | 0.60 |
| Note: All models control for adoption openness, prenatal exposures, INT and EXT factor scores from the bifactor p-factor model, and child sex. |
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