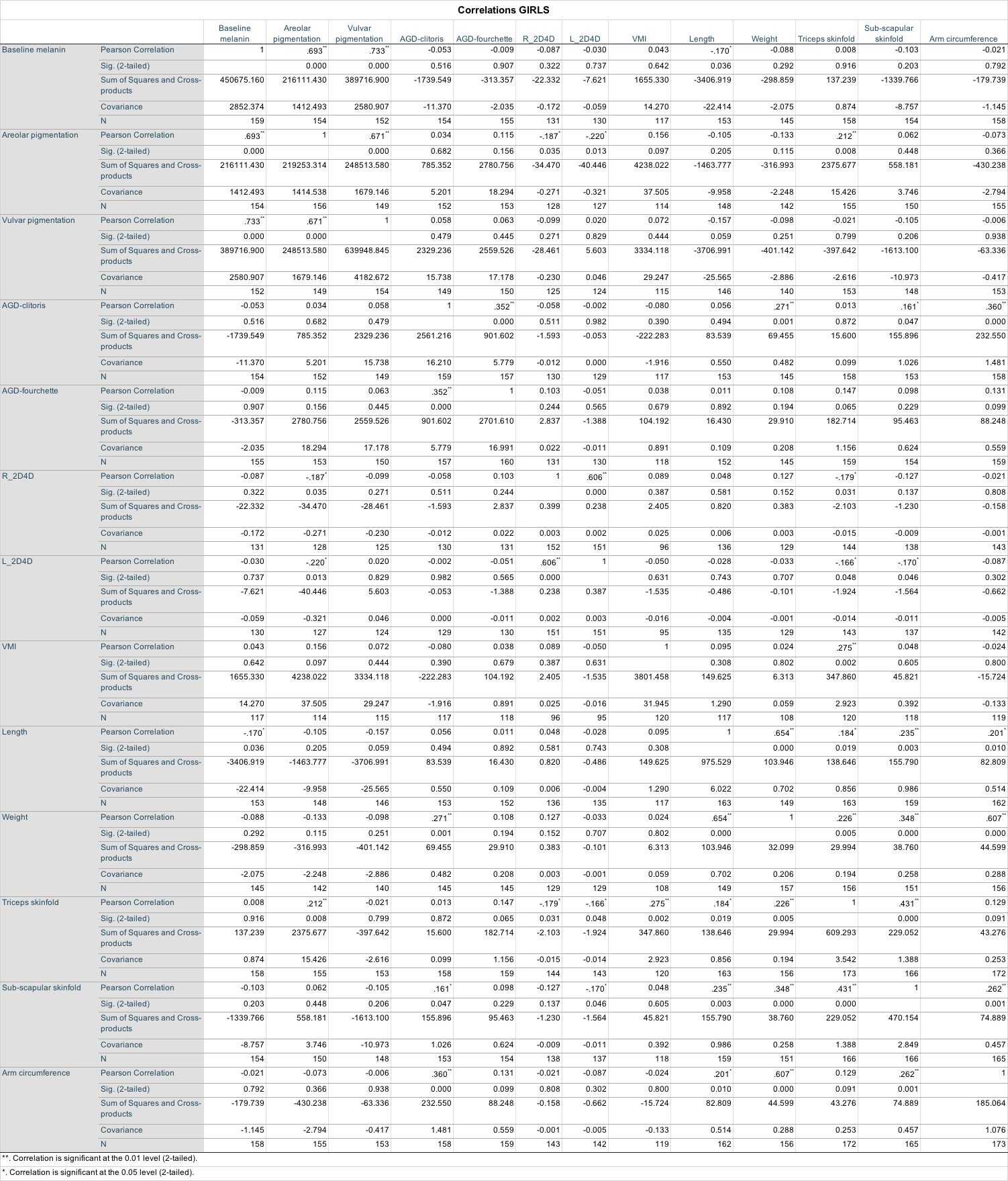
**SUPPLEMENTARY MATERIAL**

**NOTE:** Curve estimation parameters for linear, quadratic and cubic models are displayed for comparison purposes only. Curve fit models showed that linear models were a significantly better fit for our data overall than cubic and quadratic models.

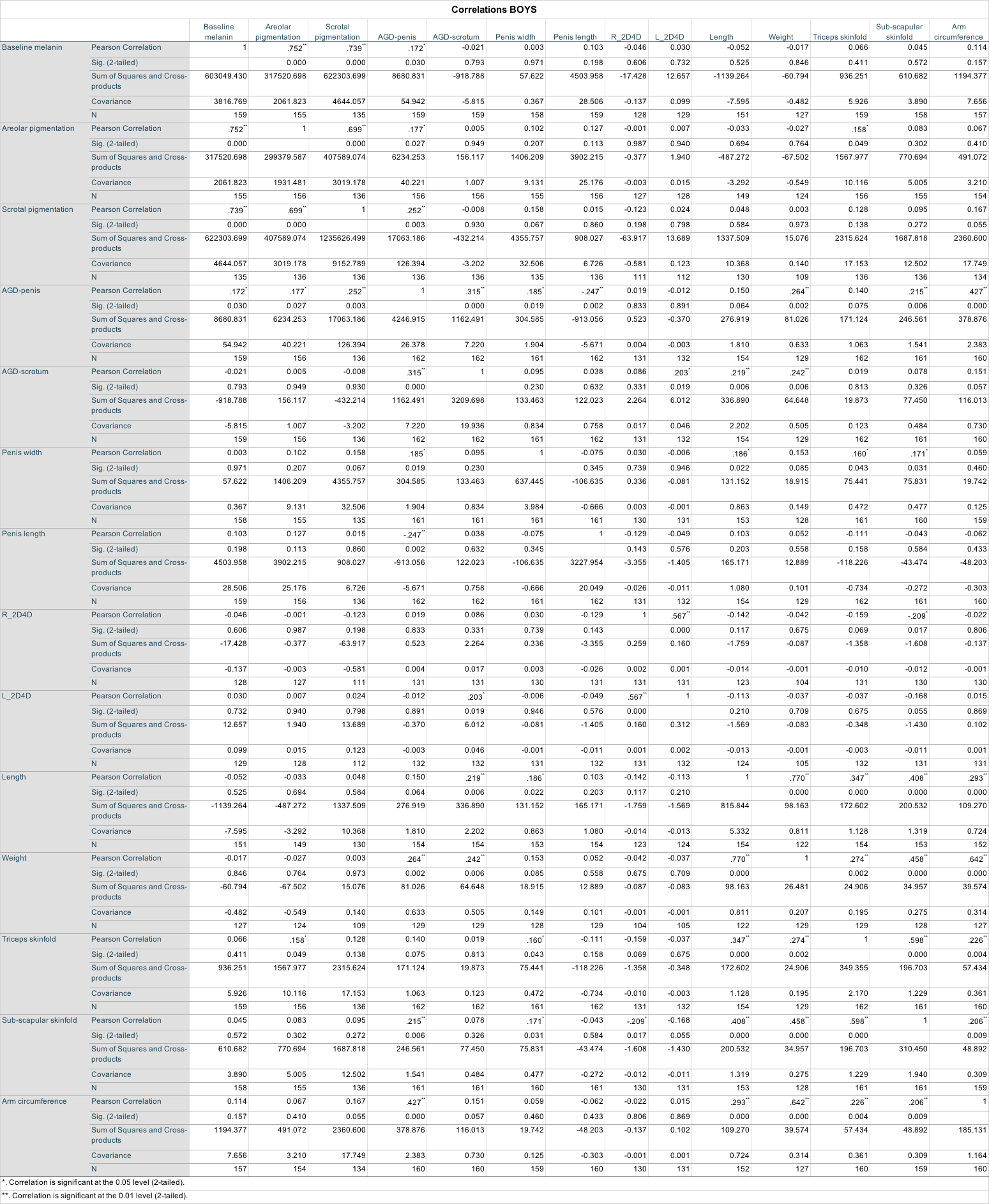
|  |
| --- |
| **GIRLS** |
| **Variables**  Vaginal Maturation Index & Areolar Pigmentation  **Standardized coefficient and significance (linear model)**  β=0.338; 95% CI=0.031 to 0.637; p=0.031  **Graph**    **Legend:**  X axis = Oestrogenic index = Vaginal Maturation Index  Y axis = MEAN\_PIG\_ARE\_MEL\_G = Areolar Pigmentation |
| **Variables**  2D:4D ratio & Areolar Pigmentation  **Standardized coefficient and significance (linear model)**  Right 2D:4D: β= -0.207; 95% CI= -0.403 to -0.049; p=0.040  Left 2D:4D: β= -0.276; 95% CI= -0.469 to 0.083; p=0.006  **Graph**      **Legend**  X axis = R\_2D4D/L\_2D4D = 2nd to 4th digit ratio (right and left)  Y axis = MEAN\_PIG\_ARE\_MEL\_G = Areolar Pigmentation |
| **Variables**  AGD-fourchette & Areolar Pigmentation  **Standardized coefficient and significance (linear model)**  β=0.253; 95% CI=0.018 to 0.488; p=0.036  **Graph**    **Legend**  X axis = MEAN\_ANG\_four = AGD-fourchette = Anogenital Distance -Anus to Fourchette-  Y axis = MEAN\_PIG\_ARE\_MEL\_G = Areolar Pigmentation |
| **Variables**  AGD-clitoris & AGD-fourchette  **Standardized coefficient and significance (linear model)**  β=0.295; 95% CI=0.138 to 0.452; p<0.0001  **Graph**    **Legend**  X axis = MEAN\_ANG\_clit = AGD-clitoris = Anogenital Distance -Anus to Clitoris-  Y axis = MEAN\_ANG\_four = AGD-fourchette = Anogenital Distance -Anus to Fourchette- |
| **Variables**  Triceps & Sub-Scapular Skinfold Thickness  **Standardized coefficient and significance (linear model)**  β=0.356, 95% CI=0.207 to 0.505; p<0.0001  **Graph**    **Legend**  X axis = MEAN\_BGARMSF = Right Arm Skinfold = Triceps Skinfold Thickness  Y axis = MEAN\_BGBKSF = Back Skinfold = Sub-Scapular Skinfold Thickness |
| **Variables**  Vaginal Maturation Index & Triceps Skinfold Thickness  **Standardized coefficient and significance (linear model)**  β=0.265; 95% CI=0.085 to 0.445; p=0.005  **Graph**    **Legend**  X axis = Oestrogenic Index = Vaginal Maturation Index  Y axis = MEAN\_BGARMSF = Right Arm Skinfold = Triceps Skinfold Thickness |
| **Variables**  AGD-clitoris & Right Arm Circumference  **Standardized coefficient and significance (linear model)**  β=0.176; 95% CI=0.038 to 0.310; p=0.012  **Graph**    **Legend**  X axis = MEAN\_ANG\_clit = AGD-clitoris = Anogenital Distance -Anus to Clitoris-  Y axis = MEAN\_BGARMCIR = Right Arm Circumference |
| **BOYS** |
| **Variables**  AGD-penis & Scrotal Pigmentation  **Standardized coefficient and significance (linear model)**  β=0.290; 95% CI=0.023 to 0.563; p=0.048  **Graph**    **Legend**  X axis = MEAN\_ANG\_penis = AGD-penis = Anogenital Distance -Anus to Penis-  Y axis = MEAN\_PIG\_SCRO\_MEL = Scrotal Pigmentation |
| **Variables**  AGD-penis & AGD-scrotum  **Standardized coefficient and significance (linear model)**  β=0.362; 95% CI=0.212 to 0.512; p<0.0001  **Graph**    **Legend**  X axis = MEAN\_ANG\_penis = AGD-penis = Anogenital Distance -Anus to Penis-  Y axis = MEAN\_ANG\_scro = AGD-scrotum = Anogenital Distance -Anus to Scrotum- |
| **Variables**  Triceps & Sub-Scapular Skinfold Thickness  **Standardized coefficient and significance (linear model)**  β=0.572; 95% CI=0.435 to 0.709; p<0.0001  **Graph**    **Legend**  X axis = MEAN\_BGARMSF = Right Arm Skinfold = Triceps Skinfold Thickness  Y axis = MEAN\_BGBKSF = Back Skinfold = Sub-Scapular Skinfold Thickness |
| **Variables**  AGD-penis & Right Arm Circumference  **Standardized coefficient and significance (linear model)**  β=0.462; 95% CI=0.257 to 0.667; p<0.0001  **Graph**    **Legend**  X axis = MEAN\_ANG\_penis = AGD-penis = Anogenital Distance -Anus to Penis-  Y axis = MEAN\_BGARMCIR = Right Arm Circumference |

**Table S1: Correlational matrix for girls**



**NOTE:** This correlation matrix displays raw, unadjusted coefficients that do not account for the effect of any confounding variable.

**Table S2: Correlational matrix for boys**



**NOTE:** This correlation matrix displays raw, unadjusted coefficients that do not account for the effect of any confounding variable.