



Supplemental Figure 1: Cholesky ACE model: Correlated Factors Solution outputs using parent-report data on callous-unemotional traits, social interaction and social communication. Abbreviations: A₁₋₃ = Additive genetic factors modelled for each trait separately; C_{1 & 3} = Shared environmental factors modelled for each trait separately; E₁₋₃ = Non-shared environmental factors modelled for each trait separately. Correlations for A, C and E factors between pairs of traits are shown. Paths from the A, C and E factors onto the traits reflect the estimated role of each of these factors in contributing to variance on the trait. Path C₂ was removed as common environmental factors did not contribute significantly to variance on social interaction difficulties