***eTable 3. Sensitivity analysis - Unadjusted and adjusted a odds ratios and 95% confidence intervals of reasons for participating in the Study to Explore Early Development, 2007-2016, by study group compared to population controls (N = 5,503), additionally adjusted for inverse probability weights based on inclusion status***

|  | *Diagnosed ASDb* |  | *Suspected ASD* |  | *Non-ASD DDc* |
| --- | --- | --- | --- | --- | --- |
|  | *Unadjusted* | *Adjusted* |  | *Unadjusted* | *Adjusted* |  | *Unadjusted* | *Adjusted* |
| Altruism | 1.05 (0.92, 1.20) | 1.20 (1.04, 1.40) |  | 0.61 (0.51, 0.72) | 0.81 (0.67, 0.98) |  | 0.92 (0.80, 1.07) | 1.00 (0.86, 1.17) |
| ASD research interest | 2.85 (2.48, 3.28) | 2.96 (2.55, 3.44) |  | 0.89 (0.74, 1.05) | 0.94 (0.78, 1.12) |  | 0.83 (0.72, 0.97) | 0.85 (0.73, 0.98) |
| Perceived personal benefit | 2.29 (1.93, 2.71) | 1.92 (1.61, 2.29) |  | 4.52 (3.72, 5.49) | 3.57 (2.91, 4.38) |  | 2.00 (1.67, 2.40) | 1.83 (1.52, 2.20) |
| Peripheral relationship with ASD/DD | 0.07 (0.05, 0.09) | 0.08 (0.06, 0.11) |  | 0.18 (0.13, 0.24) | 0.26 (0.19, 0.35) |  | 0.56 (0.47, 0.67) | 0.62 (0.51, 0.74) |
| General research interest | 0.39 (0.30, 0.49) | 0.53 (0.41, 0.69) |  | 0.37 (0.27, 0.52) | 0.61 (0.43, 0.86) |  | 0.84 (0.68, 1.04) | 1.01 (0.81, 1.26) |
| Social encouragement/engagement | 0.63 (0.45, 0.88) | 0.57 (0.40, 0.81) |  | 1.14 (0.80, 1.64) | 0.86 (0.59, 1.26) |  | 1.40 (1.04, 1.88) | 1.33 (0.98, 1.81) |
| Financial incentive | 0.32 (0.19, 0.52) | 0.31 (0.19, 0.53) |  | 0.35 (0.18, 0.66) | 0.34 (0.17, 0.66) |  | 0.77 (0.51, 1.15) | 0.75 (0.49, 1.13) |
| Reputation of associated agency/investigator | 0.63 (0.37, 1.06) | 0.77 (0.43, 1.35) |  | 0.20 (0.07, 0.58) | 0.31 (0.10, 0.95) |  | 1.04 (0.63, 1.72) | 1.17 (0.70, 1.96) |
| Desired specific study result | 0.74 (0.43, 1.28) | 0.94 (0.52, 1.68) |  | 0.37 (0.15, 0.93) | 0.59 (0.23, 1.51) |  | 0.80 (0.45, 1.43) | 0.88 (0.49, 1.59) |
| Miscellaneous | 0.79 (0.63, 0.99) | 0.72 (0.57, 0.91) |  | 1.02 (0.78, 1.32) | 0.87 (0.66, 1.15) |  | 0.94 (0.75, 1.19) | 0.89 (0.71, 1.13) |

*a adjusted for child age and sex, maternal age, maternal race/ethnicity, current maternal education, current household income, number of siblings with special needs*

*b Autism Spectrum Disorder*

*c Developmental delay or disorder*