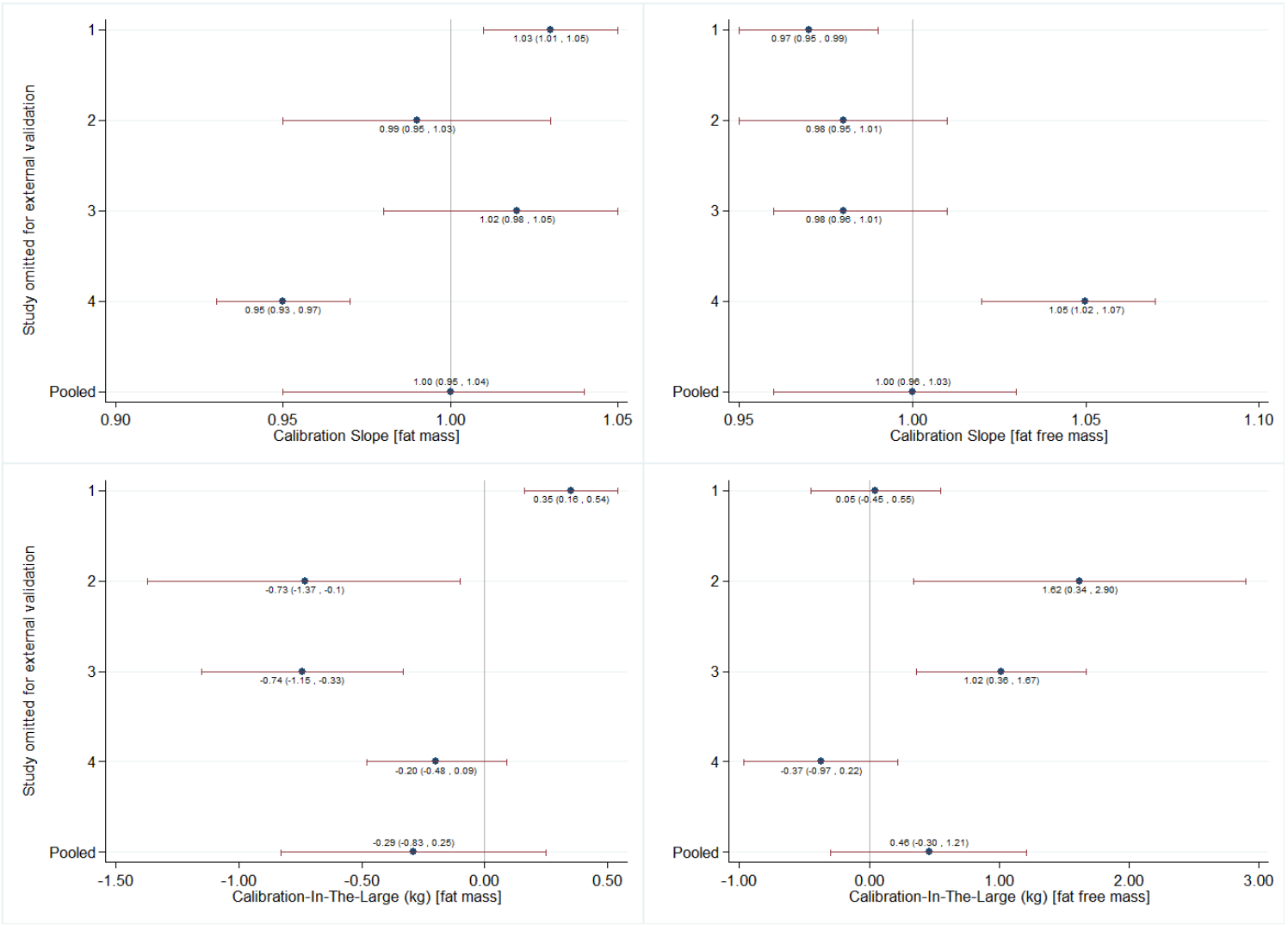
FIGURE 2: ASSESSMENT OF CALIBRATION SLOPE (TOP) AND CALIBRATION-IN-THE-LARGE (BOTTOM) IN TERMS OF FAT MASS (LEFT) AND FAT FREE MASS (RIGHT) FROM INTERNAL-EXTERNAL CROSS-VALIDATION



FOOTNOTE:

Study codes: 1 = The assessment of Body Composition in Children Study, 2 = The East London Bioelectrical Impedance, 3 = The Reference Child, 4 = The Size and Lung function in Children Study. Calibration slopes and Calibration-In-The-Large (and their respective 95% confidence intervals) were obtained by fitting the final model in 3 studies and assessing the external validity in terms of the slope and intercept for fat free mass and fat mass in the 4th study data. This was repeated until each of the four study had been used as a validation dataset. A random effects meta-analysis was used to obtain the pooled estimates (and 95% confidence intervals) along with the τ^2 statistic for heterogeneity. Data also presented in tabular form (Supplementary Table 2).