

Figure 3: Graphical diagnostic plot for assessing CI. Values plotted are log odds ratios. Vertical lines range from the 2.5<sup>th</sup> percentile to the 97.5<sup>th</sup> percentile of the posterior distribution. Posterior median estimates are plotted for class 1 (X), class 2 (O), and class 3 (\*). Vertical lines which do not overlap 0 indicate evidence of violation of conditional independence assumption.

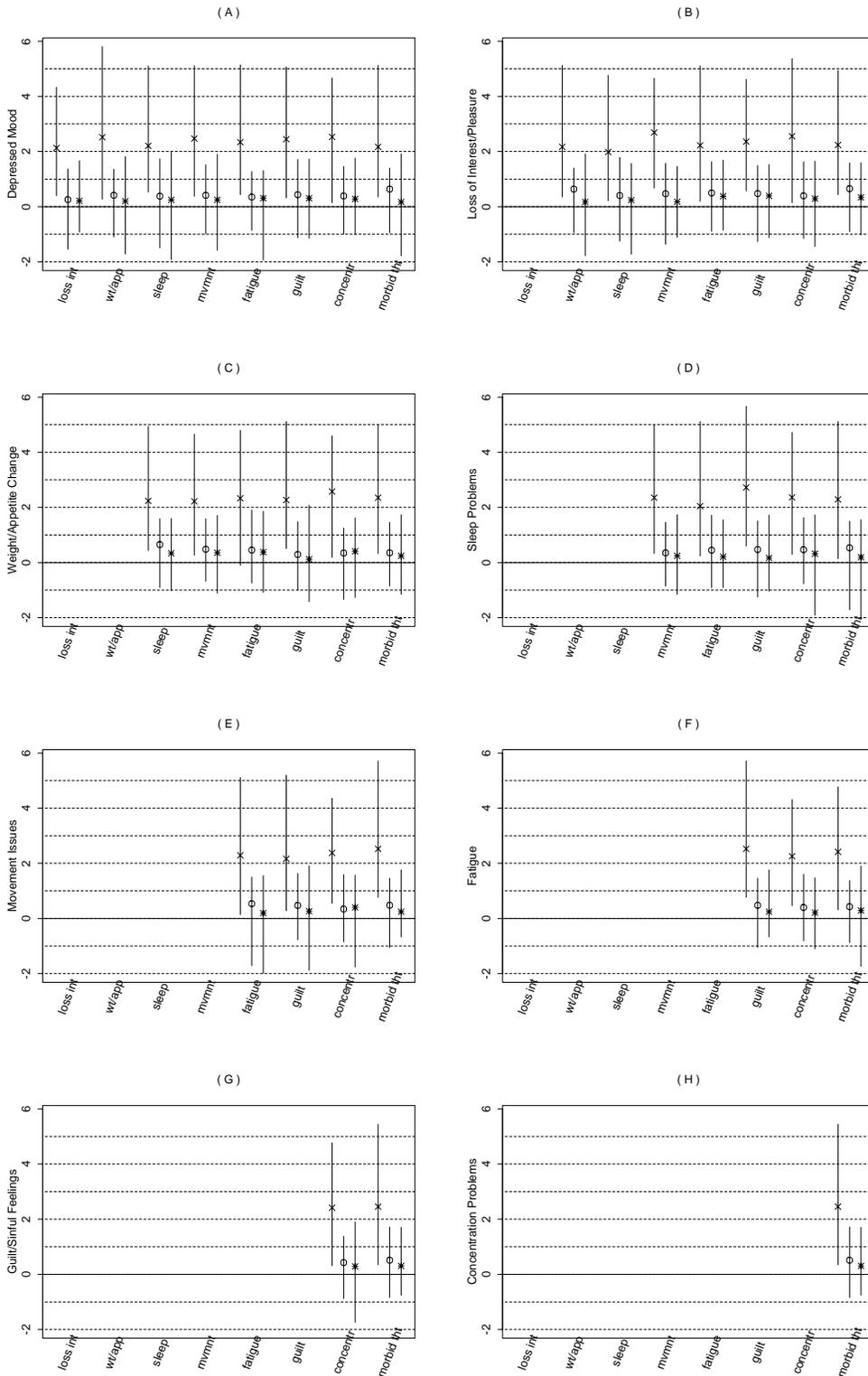


Figure 4: Graphical diagnostic plot for assessing NDM. Values plotted are log odds ratios. Vertical lines range from the 2.5<sup>th</sup> percentile to the 97.5<sup>th</sup> percentile of the posterior distribution. Posterior median estimates are plotted with "o". Vertical lines which do not overlap 0 indicate evidence of violation of differential measurement assumption.

