

S3 Figure: Predictive capabilities of sequential design (Pocock boundaries).

Upper Left: 'Optimistic' scenario with more larger effect sizes. Upper right: 'Pessimistic' scenario with mostly effect sizes of 0. Bottom: Probability of getting a significant test result reflecting a true effect of  $d \neq 0$  or  $d \ge 0.5$ , respectively. First, the probabilities P(significant) for getting any significant study results are given, then the corresponding positive predictive values and finally the product of both giving the corresponding overall probability of getting a significant study result that truly represents an effect of  $d \neq 0$  or  $d \ge 0.5$  (P<sub>detect true effect</sub>). Stopping rules that allowed early stopping for futility or success as given in Table S1.