Figure Additional File 6a: Simulation results of overall gain and specificity for $\beta = 0.4$ in dependence of the $(1 - \gamma)$-level. Shown are all four scenarios individually. The first two scenarios are analysed using a linear model, the latter two using a quadratic model. For the overall gain, the thin grey line indicates the maximally possible overall gain.
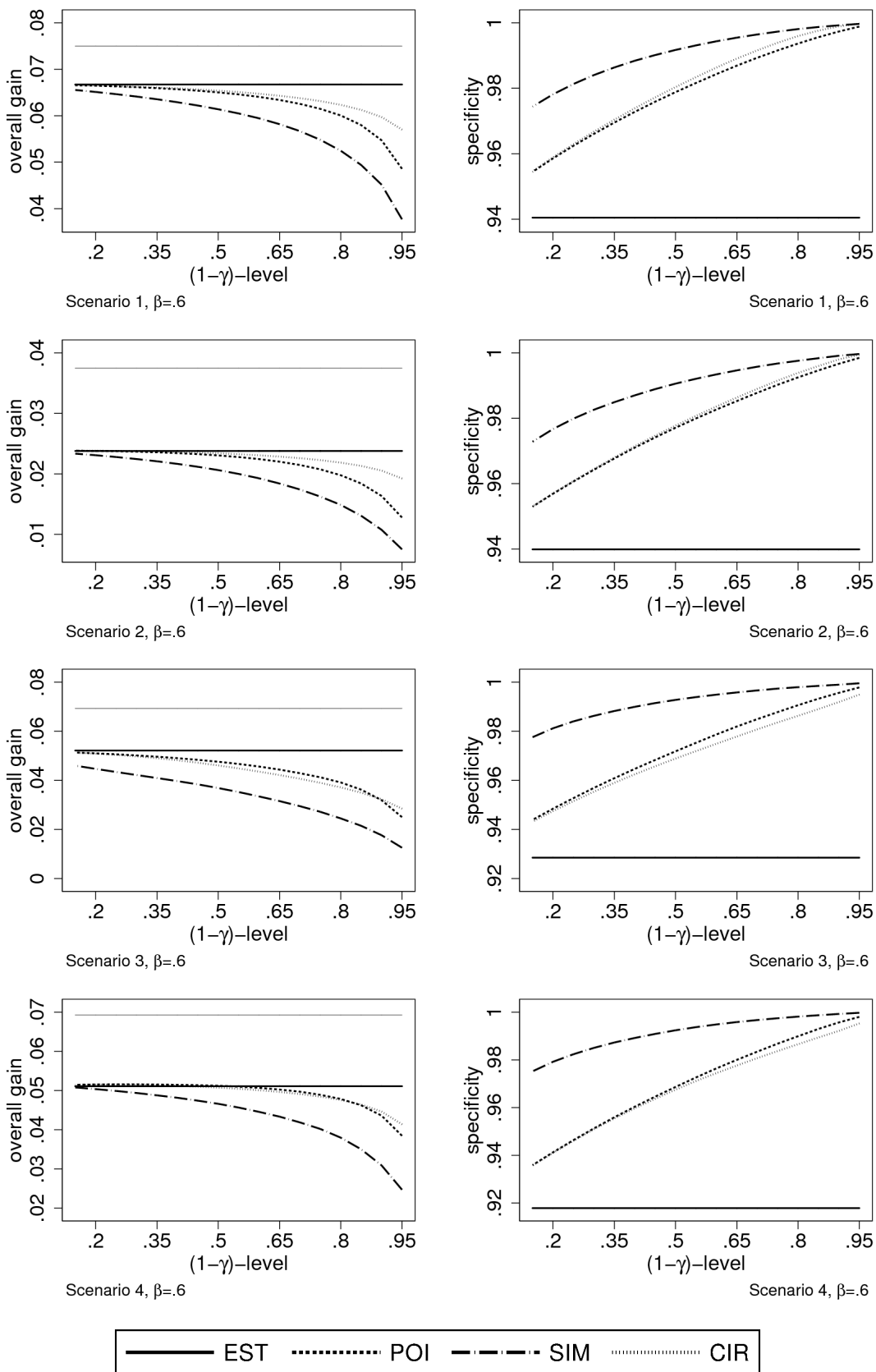
1

Figure Additional File 6b: Simulation results of overall gain and specificity for $\beta = 0.6$ in dependence of the $(1 - \gamma)$-level. Shown are all four scenarios individually. The first two scenarios are analysed using a linear model, the latter two using a quadratic model. For the overall gain, the thin grey line indicates the maximally possible overall gain.
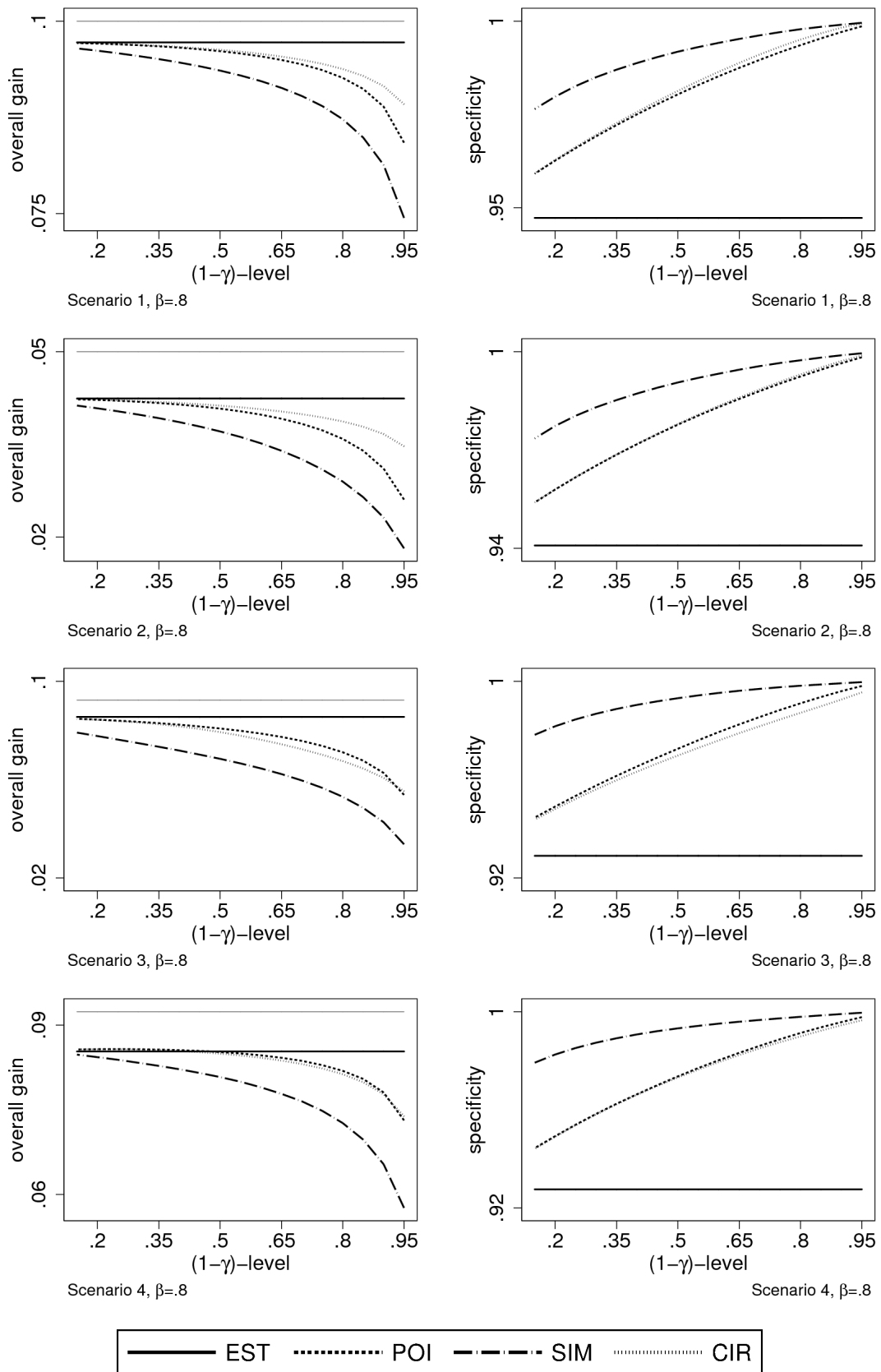
Figure Additional File 6c: Simulation results of overall gain and specificity for $\beta = 0.8$ in dependence of the $(1 - \gamma)$-level. Shown are all four scenarios individually. The first two scenarios are analysed using a linear model, the latter two using a quadratic model. For the overall gain, the thin grey line indicates the maximally possible overall gain.
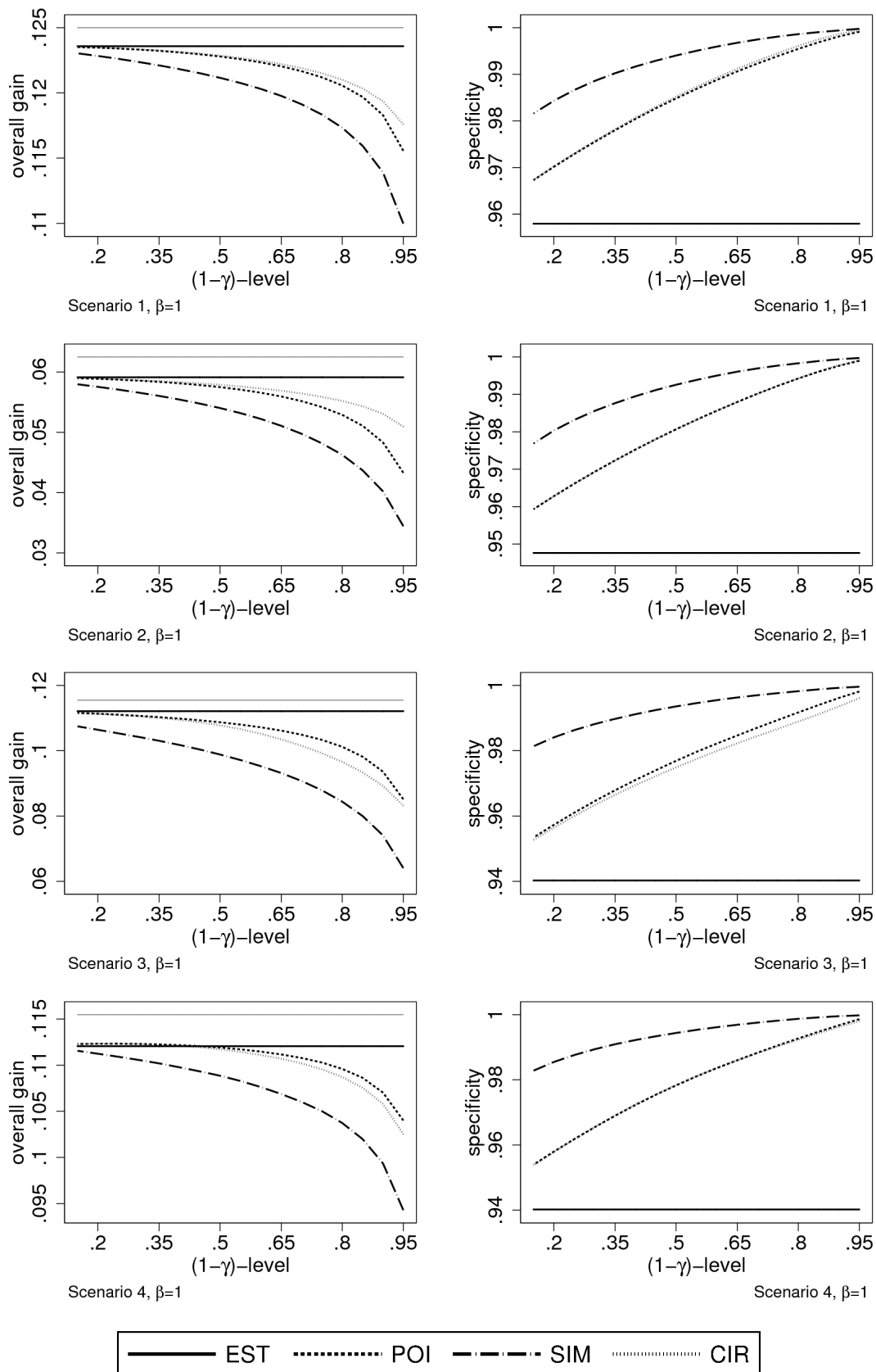
3

Figure Additional File 6d: Simulation results of overall gain and specificity for $\beta = 1$ in dependence of the $(1-\gamma)$-level. Shown are all four scenarios individually. The first two scenarios are analysed using a linear model, the latter two using a quadratic model. For the overall gain, the thin grey line indicates the maximally possible overall gain.
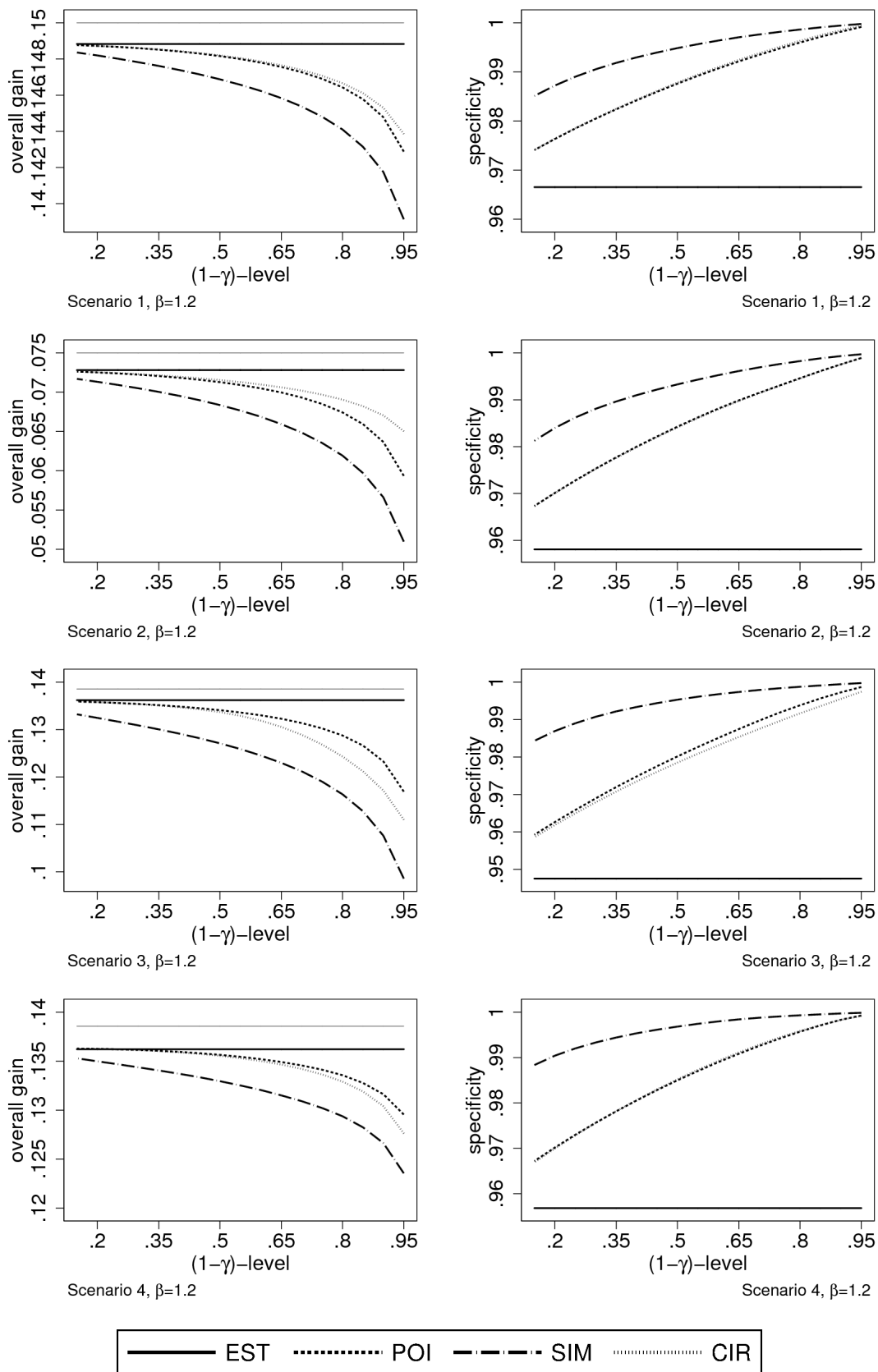
Figure Additional File 6e: Simulation results of overall gain and specificity for $\beta = 1.2$ in dependence of the $(1 - \gamma)$-level. Shown are all four scenarios individually. The first two scenarios are analysed using a linear model, the latter two using a quadratic model. For the overall gain, the thin grey line indicates the maximally possible overall gain.

5