Table 31: Mean values of parameter estimates from a GEE independence linear model fit that ignores outcome dependence when the outcome follows a linear mixed model with $m = 100$ subjects and an average sample size of 5. Outcome dependence is on a lagged value of the outcome. Results are presented for the case of all irregular visits (top) or a mix of regular and irregular visits (bottom) and a range of outcome dependence, $\delta_Y$.

| Informative Visit Process | Simulated mean parameter estimates (SEs as subscripts) | | | |
|---|---|---|---|---|
| $\delta_Y$ | $\beta_0$ (true=0) | $\beta_T$ (true=2) | $\beta_G$ (true=1) | $\beta_I$ (true=1.5) |
| Irregular visits | | | | |
| 0.00 | $-0.008_{0.006}$ | $2.014_{0.015}$ | $1.011_{0.009}$ | $1.489_{0.009}$ |
| 0.10 | $0.035_{0.012}$ | $2.090_{0.028}$ | $0.981_{0.018}$ | $1.484_{0.017}$ |
| 0.20 | $0.042_{0.013}$ | $2.085_{0.029}$ | $1.032_{0.019}$ | $1.481_{0.019}$ |
| 0.25 | $0.066_{0.013}$ | $2.094_{0.030}$ | $1.020_{0.018}$ | $1.480_{0.018}$ |
| 0.30 | $0.107_{0.013}$ | $2.075_{0.028}$ | $1.010_{0.017}$ | $1.473_{0.019}$ |
| 0.35 | $0.084_{0.013}$ | $2.154_{0.027}$ | $1.004_{0.020}$ | $1.477_{0.019}$ |
| 0.40 | $0.140_{0.014}$ | $2.127_{0.030}$ | $0.967_{0.018}$ | $1.486_{0.019}$ |
| Mixed visits | | | | |
| 0.00 | $-0.010_{0.008}$ | $2.004_{0.010}$ | $1.003_{0.011}$ | $1.503_{0.008}$ |
| 0.10 | $0.033_{0.017}$ | $2.016_{0.040}$ | $1.015_{0.024}$ | $1.495_{0.024}$ |
| 0.20 | $0.049_{0.019}$ | $2.115_{0.042}$ | $1.016_{0.023}$ | $1.499_{0.025}$ |
| 0.25 | $0.068_{0.018}$ | $2.097_{0.042}$ | $1.024_{0.024}$ | $1.506_{0.024}$ |
| 0.30 | $0.083_{0.018}$ | $2.161_{0.040}$ | $0.982_{0.023}$ | $1.469_{0.024}$ |
| 0.35 | $0.124_{0.019}$ | $2.136_{0.042}$ | $0.981_{0.024}$ | $1.494_{0.024}$ |
| 0.40 | $0.130_{0.019}$ | $2.175_{0.041}$ | $0.987_{0.026}$ | $1.480_{0.024}$ |