

Online resource 3: Simulation Study #2

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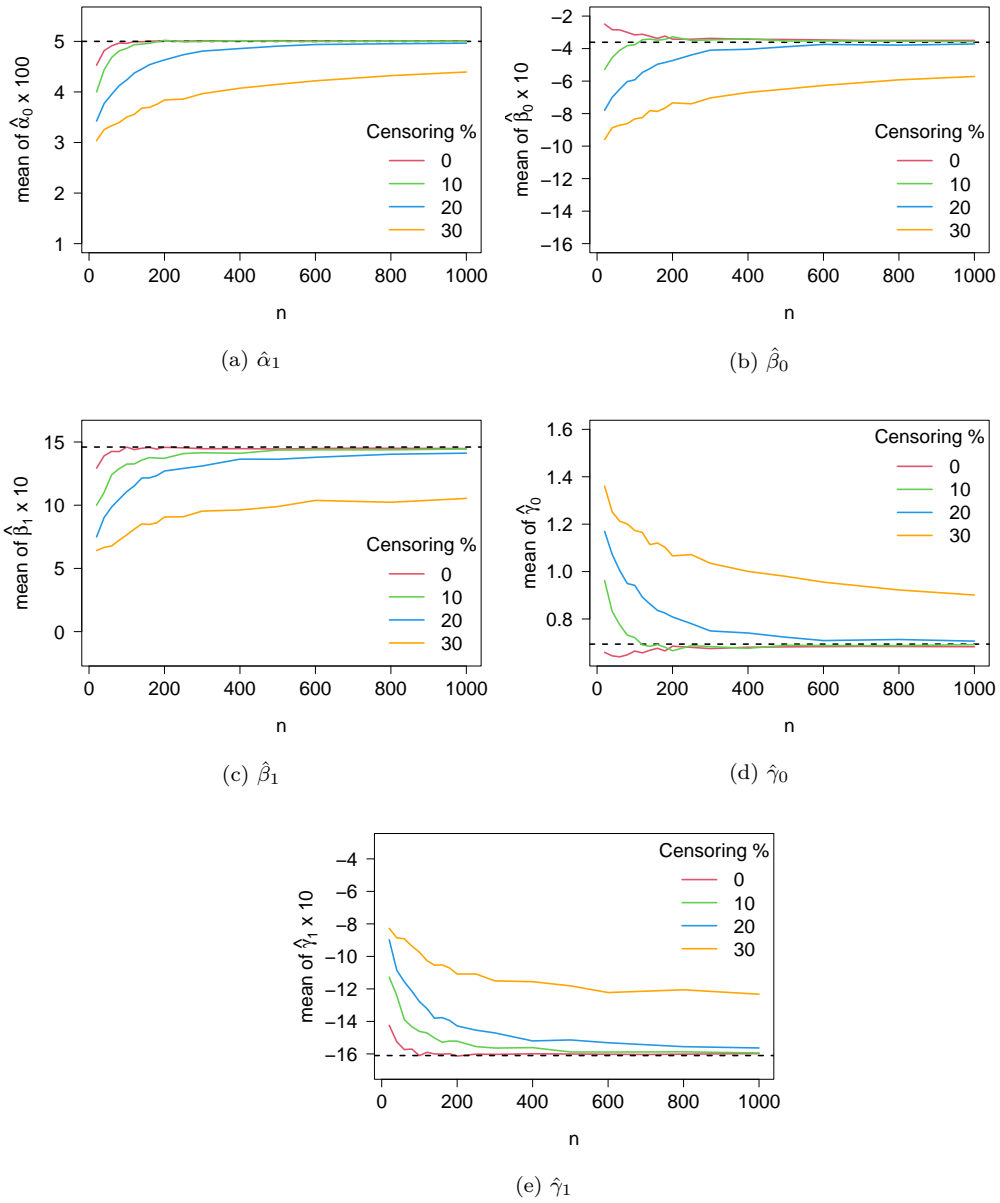


Figure 1: Mean value for regression parameters. The dashed line indicates the true values of the parameters.

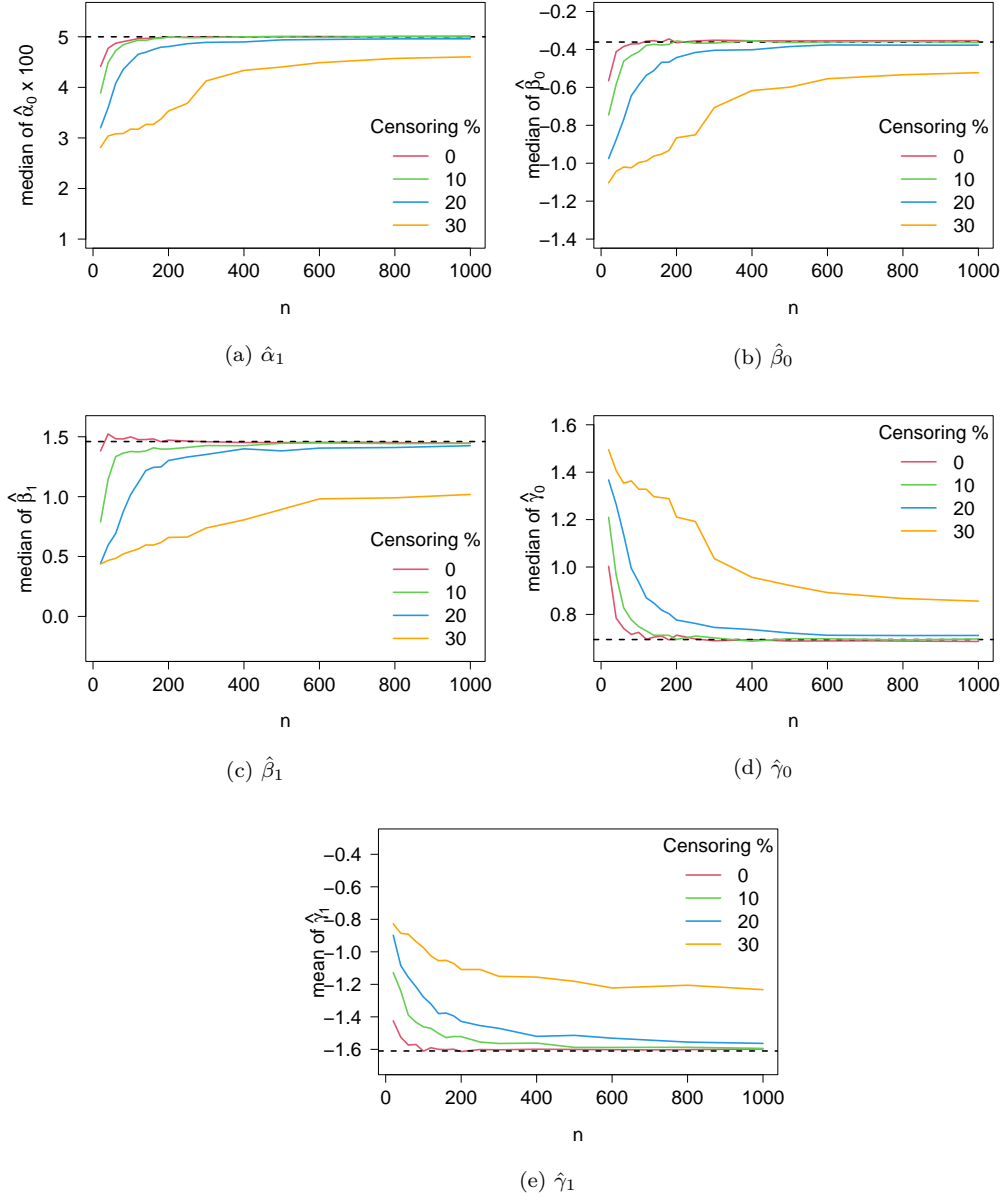
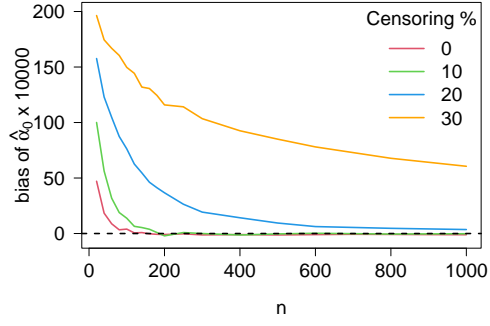
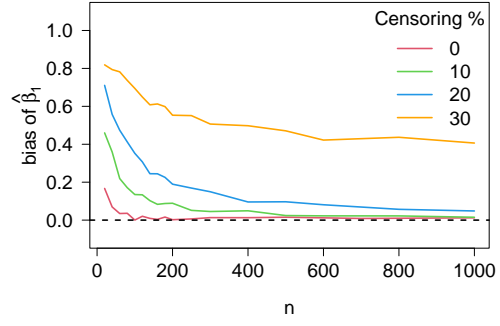


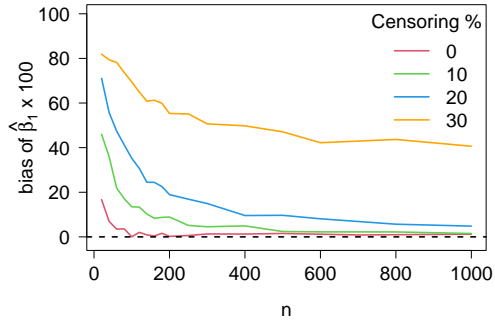
Figure 2: Median value for regression parameters. The dashed line indicates the true values of the parameters.



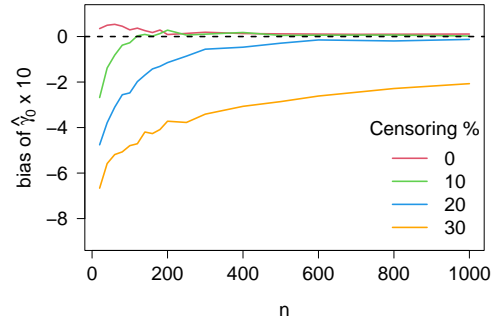
(a) $\hat{\alpha}_1$



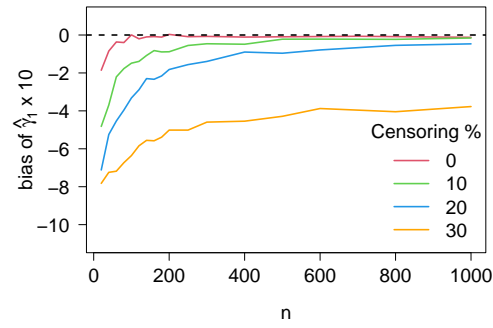
(b) $\hat{\beta}_0$



(c) $\hat{\beta}_1$



(d) $\hat{\gamma}_0$



(e) $\hat{\gamma}_1$

Figure 3: Bias for regression parameters. The dashed line indicates Bias = 0.

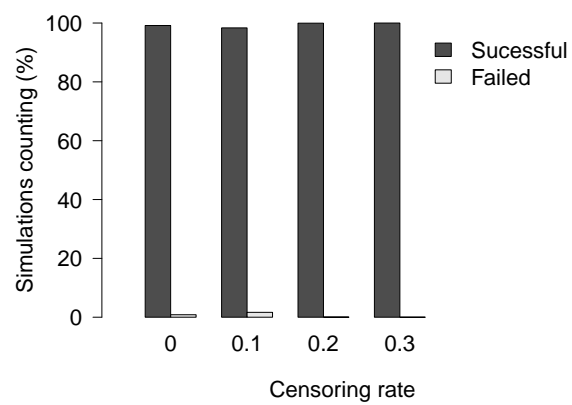


Figure 4: Percentage of sucessful and failed simulations.