
Unit gamma mixed models for continuous bounded data

Supplementary Material

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September 2020

Web Appendix A

In this Appendix we present additional results from simulation studies presented in Section 4.

Unit gamma mixed model with fixed precision

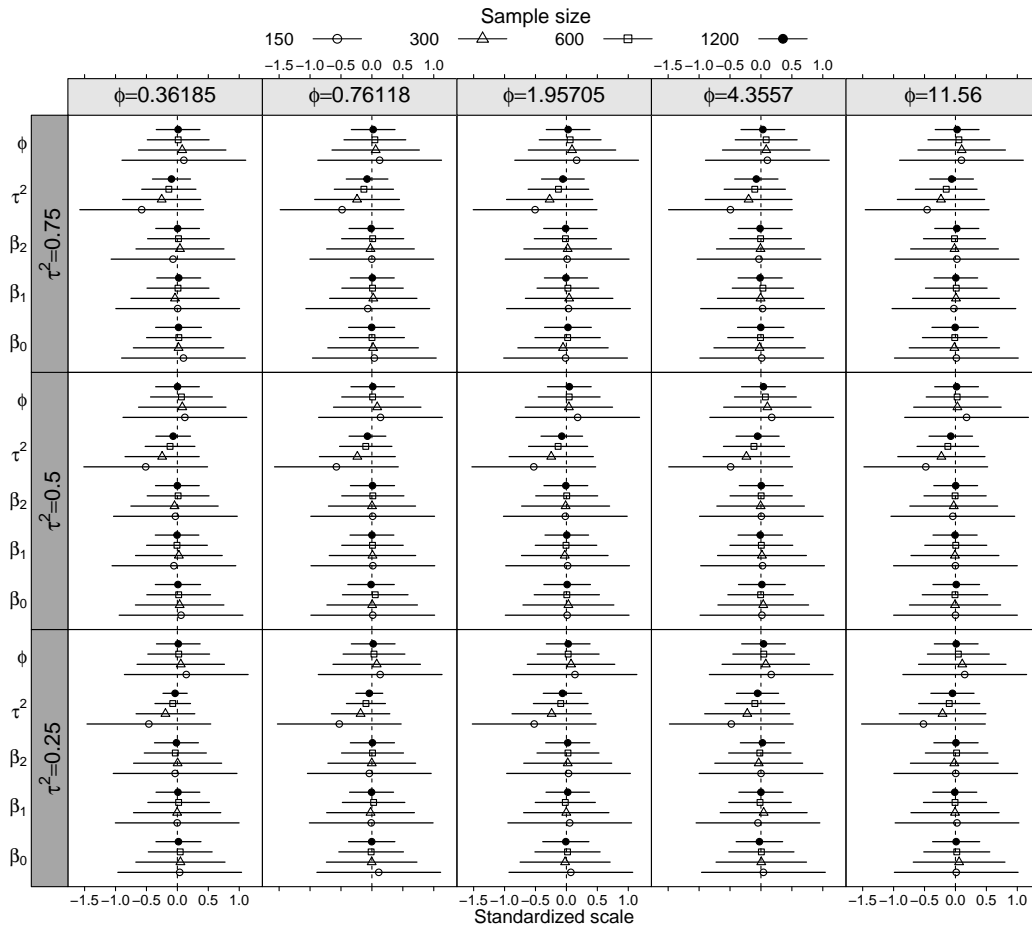


Figure 1: Average bias and confidence intervals on a standardized scale by sample size and simulation scenarios - Simulation study 1.

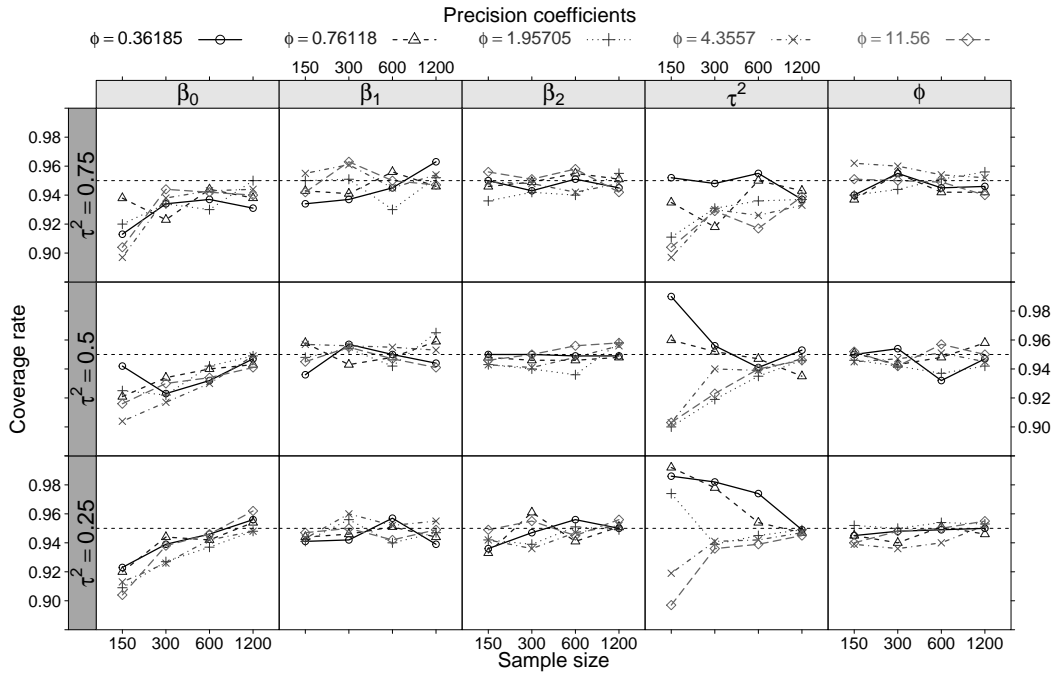


Figure 2: Coverage rate for each parameter by sample size and simulation scenarios - Simulation study 1.

Unit gamma mixed model with random slope

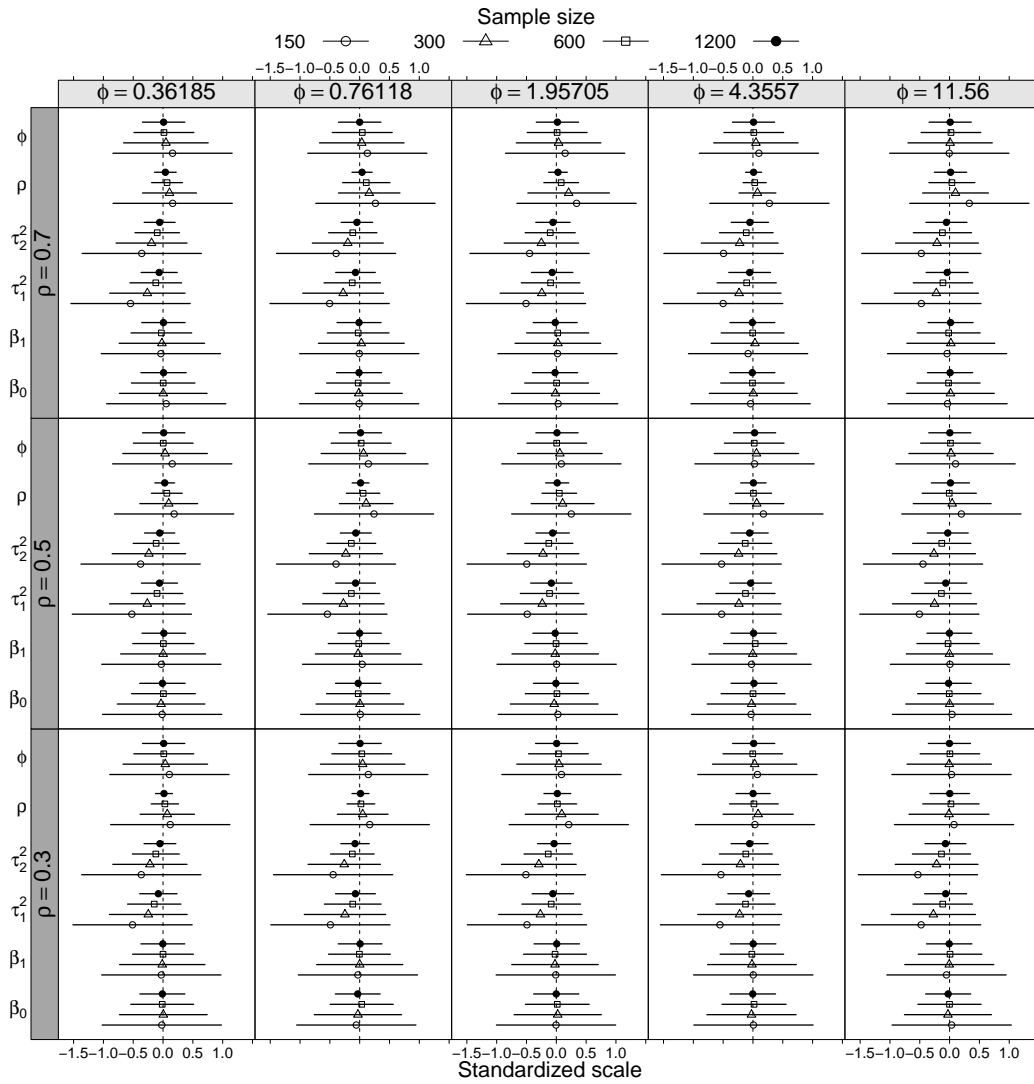


Figure 3: Average bias and confidence intervals by sample size and simulation scenarios - Simulation study 2.

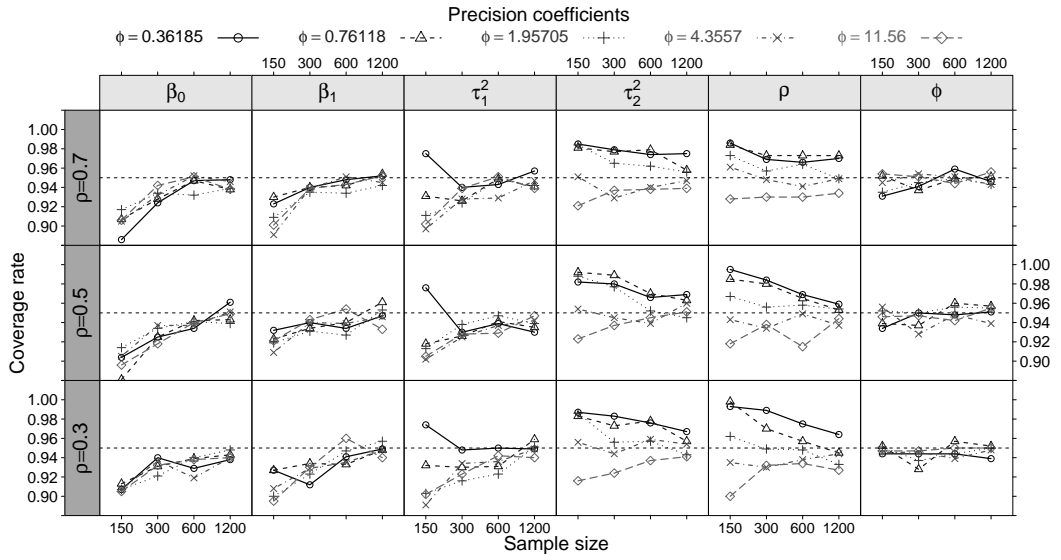


Figure 4: Coverage rate for each parameter by sample size and simulation scenarios - Simulation study 2.

Unit gamma mixed model with varying precision

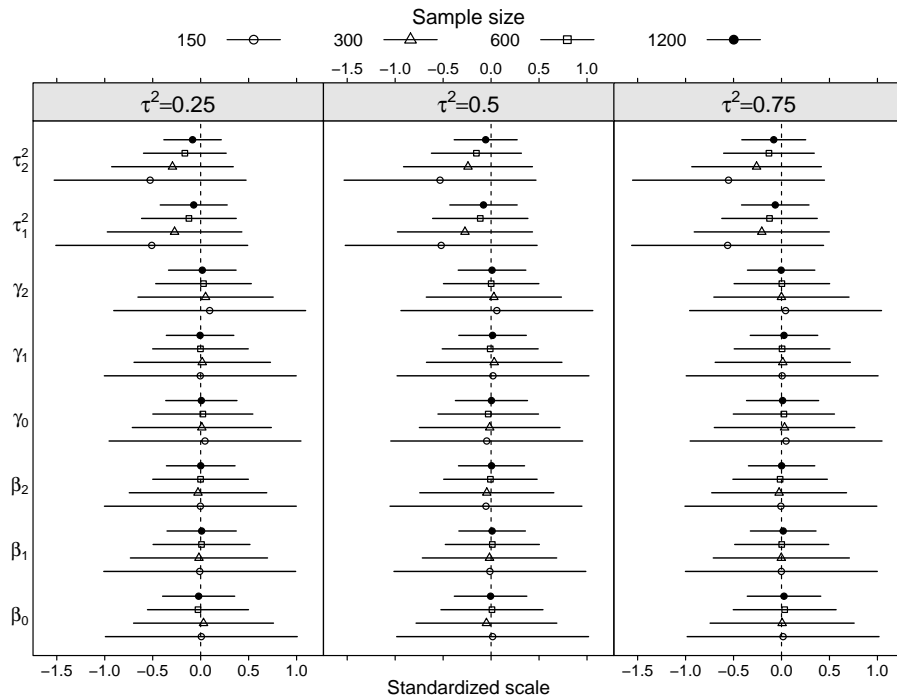


Figure 5: Average bias and confidence intervals by sample size and simulation scenarios - Simulation study 3.

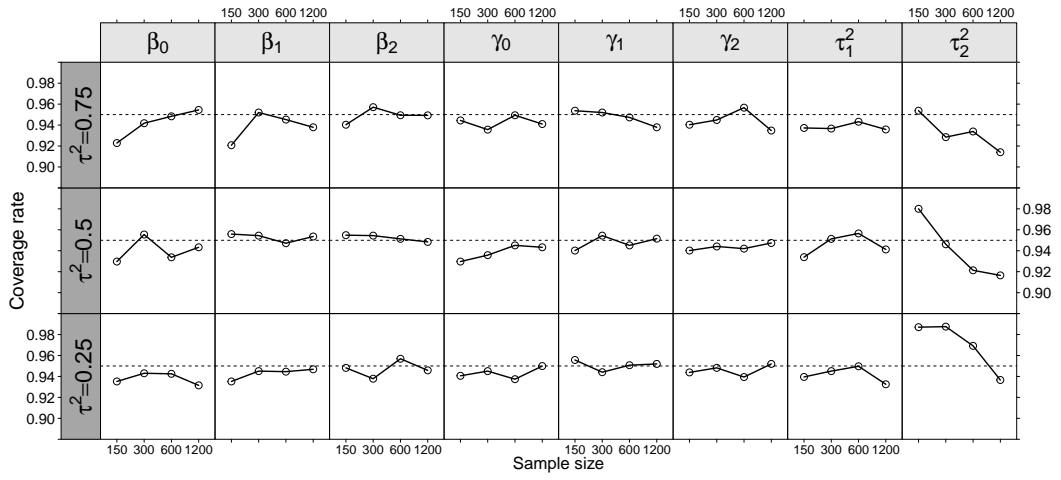


Figure 6: Coverage rate for each parameter by sample size and simulation scenarios - Simulation study 3.

Supplementary material

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