

Figure 13: P value plots of  $\mathcal{LM}_\lambda$  statistic for testing over-identifying moment conditions using truncated kernel,  $\rho_u = \rho_z = 0.9$ ,  $T = 50$ ,  $ST \in \{1, \dots, 5\}$ , 2SGMM as the  $\sqrt{T}$ -consistent estimator of the model parameters, effective information obtained by the Hessian, EL implied probabilities, and 10,000 Monte Carlo replications.

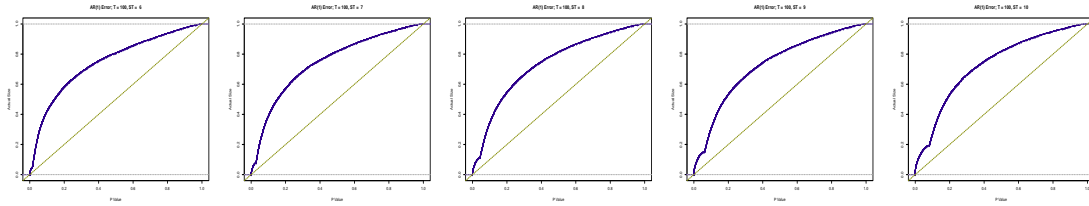


Figure 14: P value plots of  $\mathcal{LM}_\lambda$  statistic for testing over-identifying moment conditions using truncated kernel,  $\rho_u = \rho_z = 0.9$ ,  $T = 100$ ,  $ST \in \{6, \dots, 10\}$ , 2SGMM as the  $\sqrt{T}$ -consistent estimator of the model parameters, effective information obtained by the Hessian, EL implied probabilities, and 10,000 Monte Carlo replications.

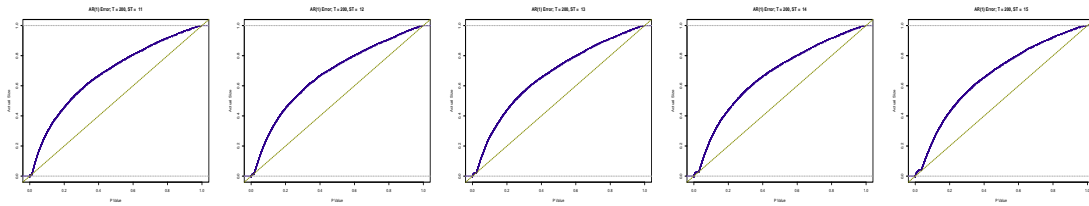


Figure 15: P value plots of  $\mathcal{LM}_\lambda$  statistic for testing over-identifying moment conditions using truncated kernel,  $\rho_u = \rho_z = 0.9$ ,  $T = 200$ ,  $ST \in \{11, \dots, 15\}$ , 2SGMM as the  $\sqrt{T}$ -consistent estimator of the model parameters, effective information obtained by the Hessian, EL implied probabilities, and 10,000 Monte Carlo replications.

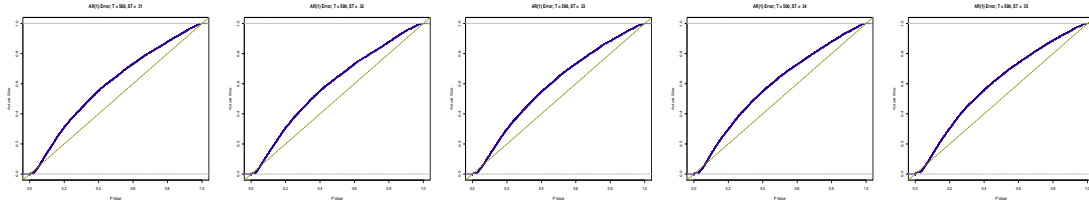


Figure 16: P value plots of  $\mathcal{LM}_\lambda$  statistic for testing over-identifying moment conditions using truncated kernel,  $\rho_u = \rho_z = 0.9$ ,  $T = 500$ ,  $ST \in \{31, \dots, 35\}$ , 2SGMM as the  $\sqrt{T}$ -consistent estimator of the model parameters, effective information obtained by the Hessian, EL implied probabilities, and 10,000 Monte Carlo replications.

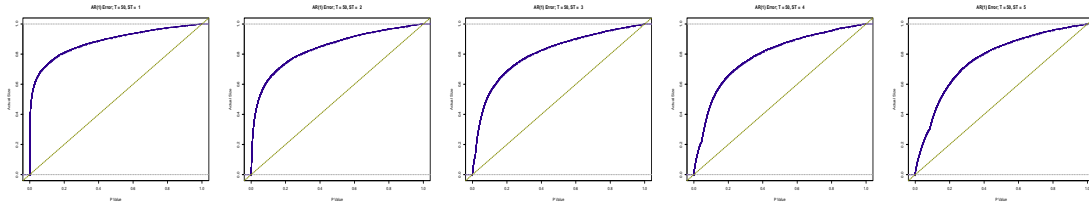


Figure 17: P value plots of  $\mathcal{LM}_\lambda$  statistic for testing over-identifying moment conditions using truncated kernel,  $\rho_u = \rho_z = 0.9$ ,  $T = 50$ ,  $ST \in \{1, \dots, 5\}$ , 2SGMM as the  $\sqrt{T}$ -consistent estimator of the model parameters, effective information obtained by the outer product of scores, EL implied probabilities, and 10,000 Monte Carlo replications.

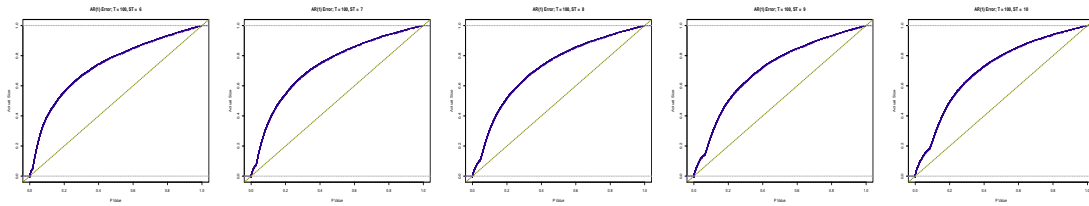


Figure 18: P value plots of  $\mathcal{LM}_\lambda$  statistic for testing over-identifying moment conditions using truncated kernel,  $\rho_u = \rho_z = 0.9$ ,  $T = 100$ ,  $ST \in \{6, \dots, 10\}$ , 2SGMM as the  $\sqrt{T}$ -consistent estimator of the model parameters, effective information obtained by the outer product of scores, EL implied probabilities, and 10,000 Monte Carlo replications.

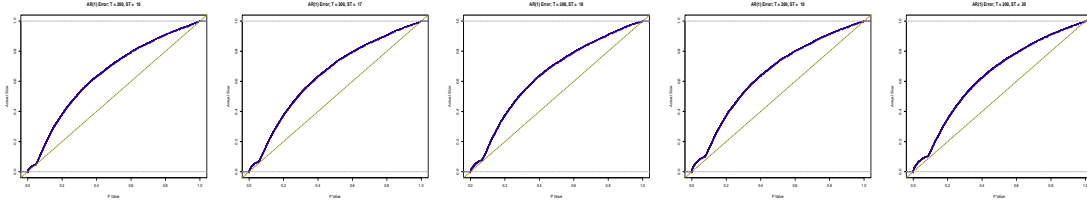


Figure 19: P value plots of  $\mathcal{LM}_\lambda$  statistic for testing over-identifying moment conditions using truncated kernel,  $\rho_u = \rho_z = 0.9$ ,  $T = 200$ ,  $ST \in \{16, \dots, 20\}$ , 2SGMM as the  $\sqrt{T}$ -consistent estimator of the model parameters, effective information obtained by the outer product of scores, EL implied probabilities, and 10,000 Monte Carlo replications.

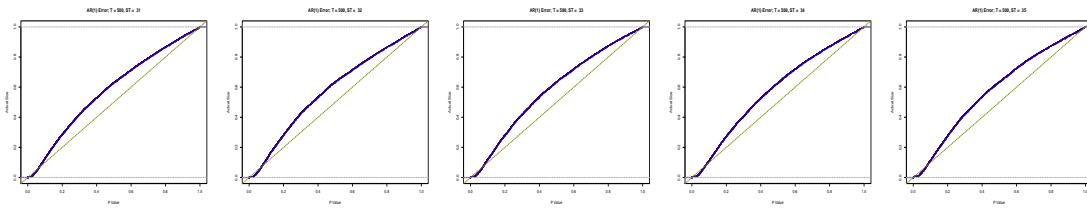


Figure 20: P value plots of  $\mathcal{LM}_\lambda$  statistic for testing over-identifying moment conditions using truncated kernel,  $\rho_u = \rho_z = 0.9$ ,  $T = 500$ ,  $ST \in \{31, \dots, 35\}$ , 2SGMM as the  $\sqrt{T}$ -consistent estimator of the model parameters, effective information obtained by the outer product of scores, EL implied probabilities, and 10,000 Monte Carlo replications.