

Figure 1: P value plots of Smith's  $\mathcal{LM}$  statistic for testing over-identifying moment conditions using truncated kernel,  $\rho_u = \rho_z = 0.9$ , T = 50, ST  $\in \{1, \dots, 5\}$ , EL estimator of the model parameters, EL implied probabilities, and 10,000 Monte Carlo replications.



Figure 2: P value plots of Smith's  $\mathcal{LR}$  statistic for testing over-identifying moment conditions using truncated kernel,  $\rho_u = \rho_z = 0.9$ , T = 50, ST  $\in \{1, \dots, 5\}$ , EL estimator of the model parameters, EL implied probabilities, and 10,000 Monte Carlo replications.



Figure 3: P value plots of Smith's S statistic for testing over-identifying moment conditions using truncated kernel,  $\rho_u = \rho_z = 0.9$ , T = 50, ST  $\in \{1, \dots, 5\}$ , EL estimator of the model parameters, EL implied probabilities, and 10,000 Monte Carlo replications.



Figure 4: P value plots of Smith's  $\mathcal{LM}$  statistic for testing over-identifying moment conditions using truncated kernel,  $\rho_u = \rho_z = 0.9$ , T = 100, ST  $\in \{6, \dots, 10\}$ , EL estimator of the model parameters, EL implied probabilities, and 10,000 Monte Carlo replications.



Figure 5: P value plots of Smith's  $\mathcal{LR}$  statistic for testing over-identifying moment conditions using truncated kernel,  $\rho_u = \rho_z = 0.9$ , T = 100, ST  $\in \{6, \dots, 10\}$ , EL estimator of the model parameters, EL implied probabilities, and 10,000 Monte Carlo replications.



Figure 6: P value plots of Smith's S statistic for testing over-identifying moment conditions using truncated kernel,  $\rho_u = \rho_z = 0.9$ , T = 100, ST  $\in \{6, \dots, 10\}$ , EL estimator of the model parameters, EL implied probabilities, and 10,000 Monte Carlo replications.



Figure 7: P value plots of Smith's  $\mathcal{LM}$  statistic for testing over-identifying moment conditions using truncated kernel,  $\rho_u = \rho_z = 0.9$ , T = 200, ST  $\in \{6, \dots, 10\}$ , EL estimator of the model parameters, EL implied probabilities, and 10,000 Monte Carlo replications.



Figure 8: P value plots of Smith's  $\mathcal{LR}$  statistic for testing over-identifying moment conditions using truncated kernel,  $\rho_u = \rho_z = 0.9$ , T = 200, ST  $\in \{6, \dots, 10\}$ , EL estimator of the model parameters, EL implied probabilities, and 10,000 Monte Carlo replications.



Figure 9: P value plots of Smith's S statistic for testing over-identifying moment conditions using truncated kernel,  $\rho_u = \rho_z = 0.9$ , T = 200, ST  $\in \{6, \dots, 10\}$ , EL estimator of the model parameters, EL implied probabilities, and 10,000 Monte Carlo replications.



Figure 10: P value plots of Smith's  $\mathcal{LM}$  statistic for testing over-identifying moment conditions using truncated kernel,  $\rho_u = \rho_z = 0.9$ , T = 500, ST  $\in \{11, \dots, 15\}$ , EL estimator of the model parameters, EL implied probabilities, and 10,000 Monte Carlo replications.



Figure 11: P value plots of Smith's  $\mathcal{LR}$  statistic for testing over-identifying moment conditions using truncated kernel,  $\rho_u = \rho_z = 0.9$ , T = 500, ST  $\in \{11, \dots, 15\}$ , EL estimator of the model parameters, EL implied probabilities, and 10,000 Monte Carlo replications.



Figure 12: P value plots of Smith's S statistic for testing over-identifying moment conditions using truncated kernel,  $\rho_u = \rho_z = 0.9$ , T = 500, ST  $\in \{11, \dots, 15\}$ , EL estimator of the model parameters, EL implied probabilities, and 10,000 Monte Carlo replications.