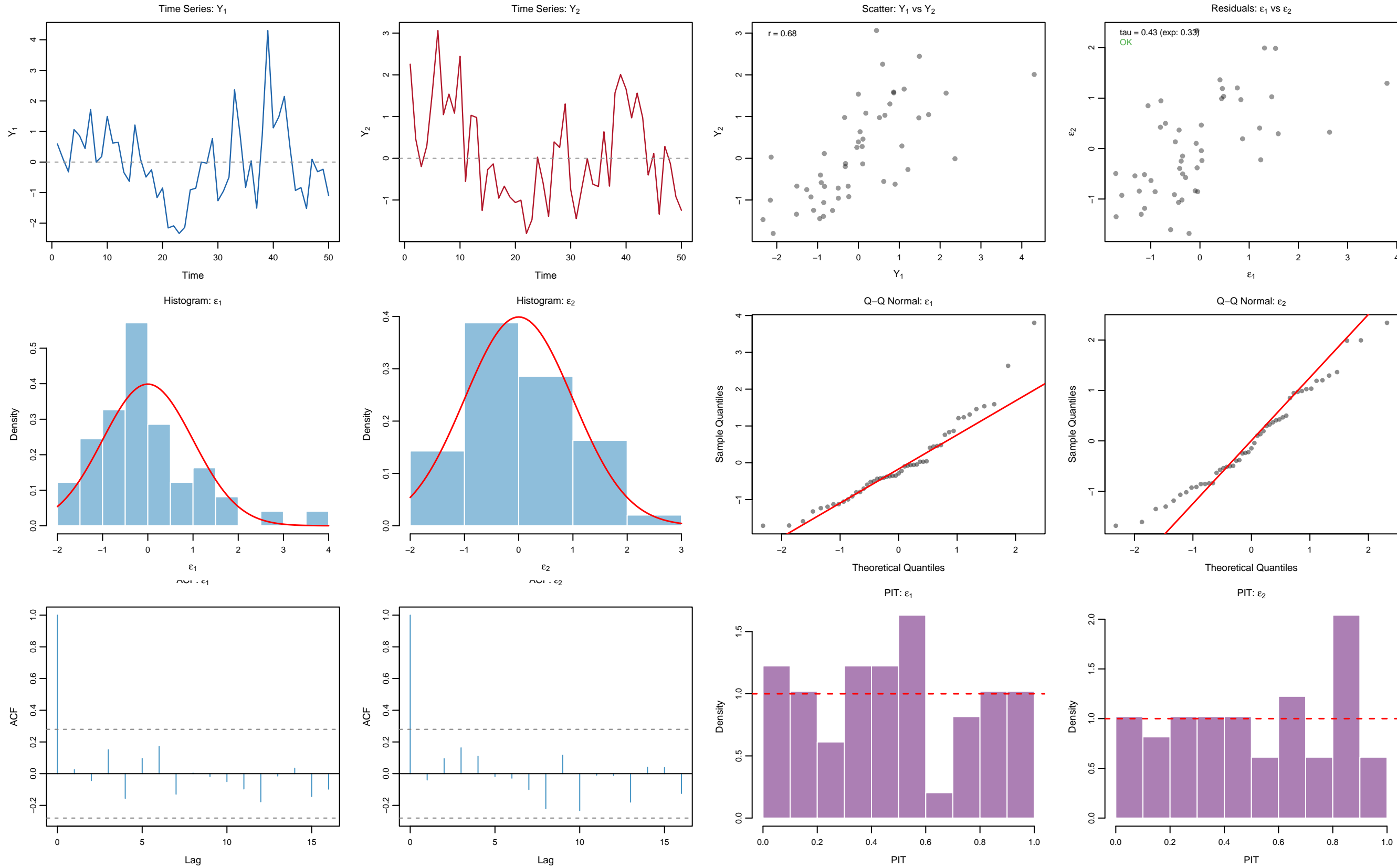# Cond 028: SN(a=+4,+4), T=50, rho=0.50 | Rep 103

Summary: ε_1

Mean: −0.048
SD: 1.101
Skew: 1.105
Kurt: 1.632

Summary: ε_2

Mean: 0.021
SD: 0.979
Skew: 0.374
Kurt: −0.664

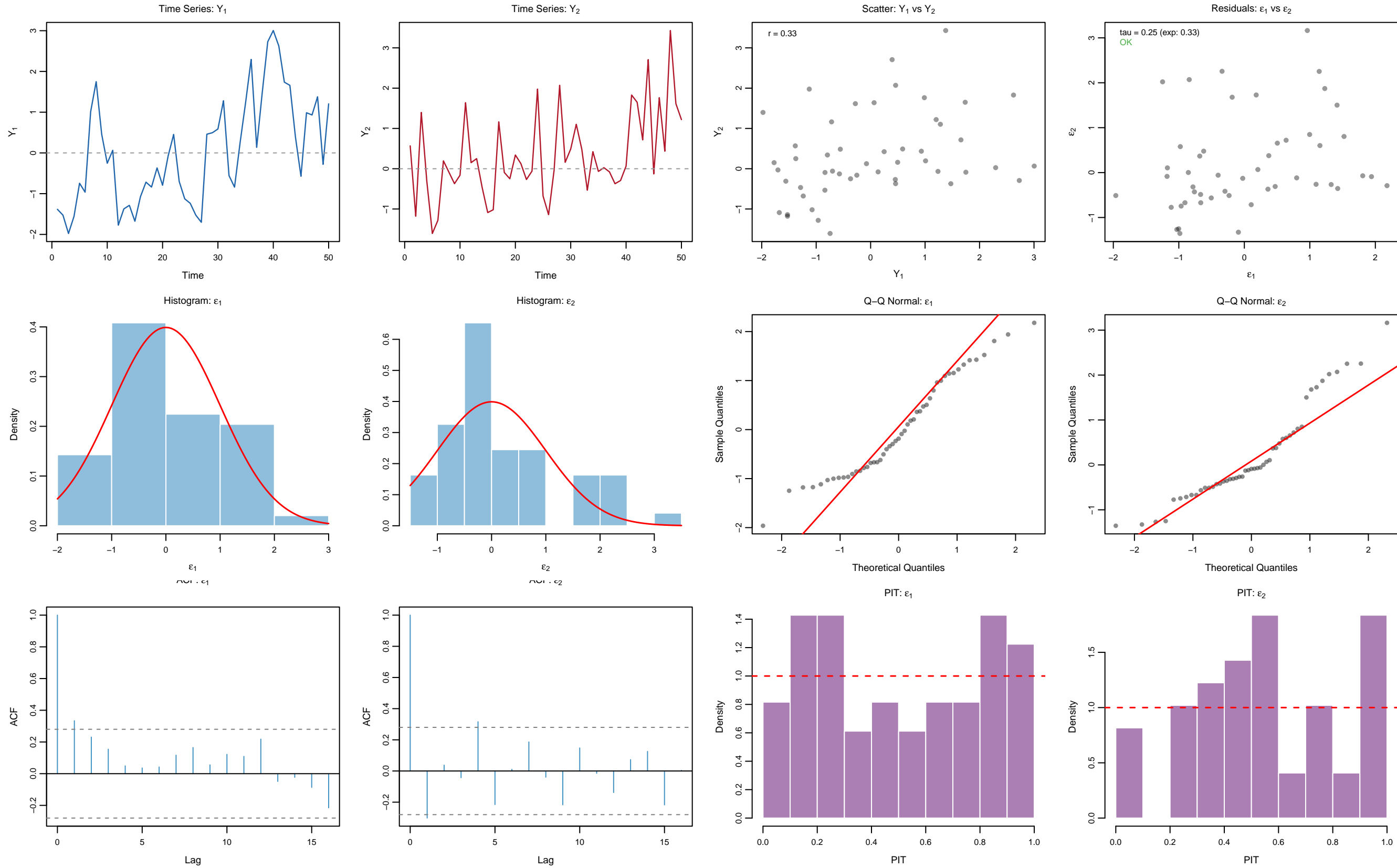**PIT Uniformity (KS)**

PIT1: D=0.118, p=0.470

PIT2: D=0.076, p=0.921

Copula Verification

True rho: 0.50
Pearson r: 0.571
Kendall tau: 0.427
Expected tau: 0.333

Status: OK

Cond 028: SN(a=+4,+4), T=50, rho=0.50 | Rep 180

Time Series: Y_1

Time Series: Y_2

Scatter: Y_1 vs Y_2
r = 0.33

Residuals: ε_1 vs ε_2
tau = 0.25 (exp: 0.33)
OK

Histogram: ε_1

Histogram: ε_2

Q–Q Normal: ε_1

Q–Q Normal: ε_2

ACF: ε_1

ACF: ε_2

PIT: ε_1

PIT: ε_2

Summary: ε_1

Mean: 0.028
SD: 1.013
Skew: 0.333
Kurt: −1.013

Summary: ε_2

Mean: 0.199
SD: 1.053
Skew: 0.878
Kurt: 0.046

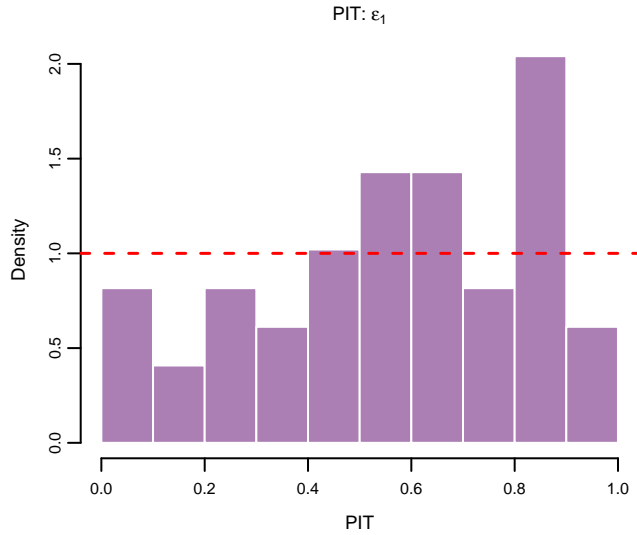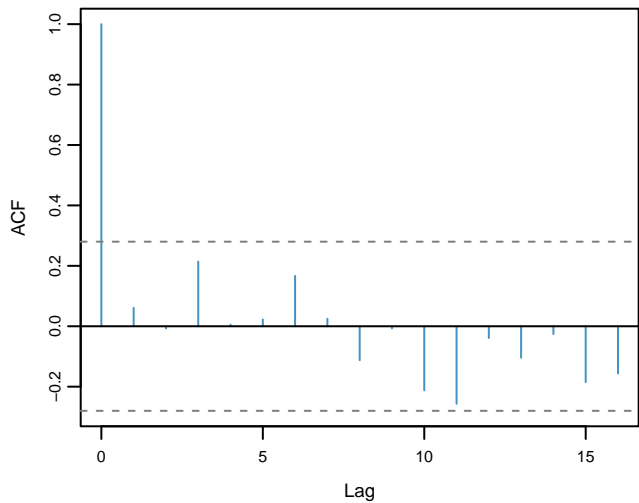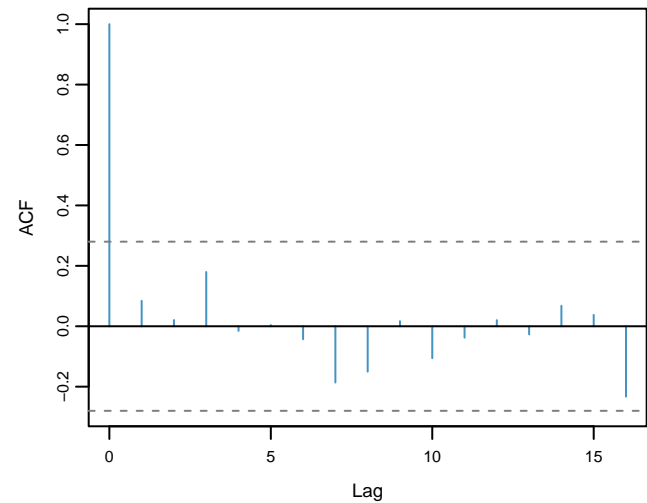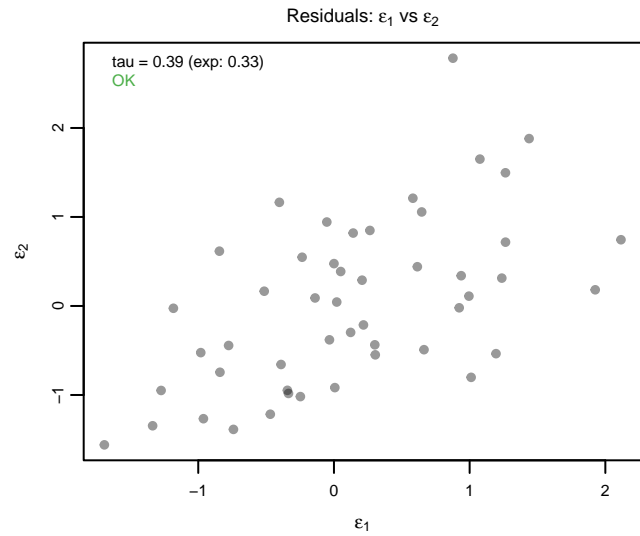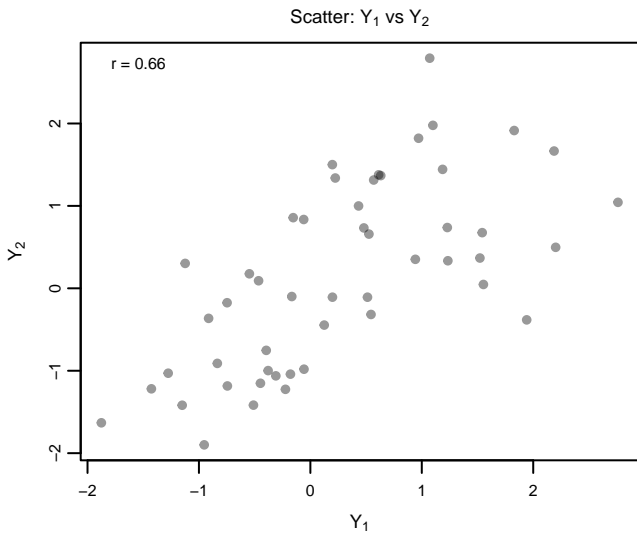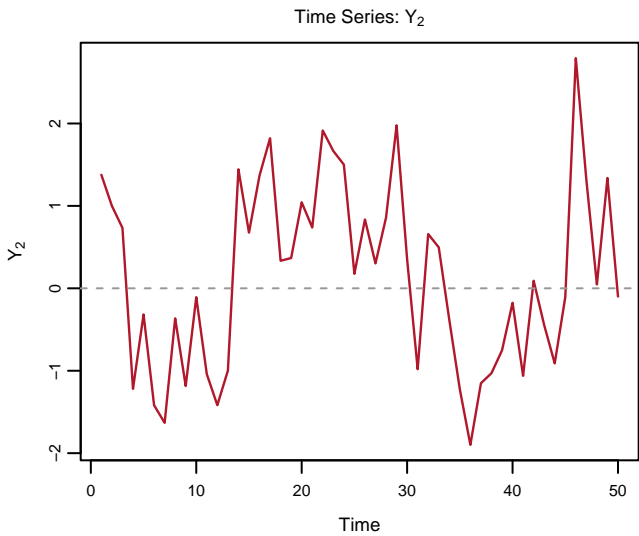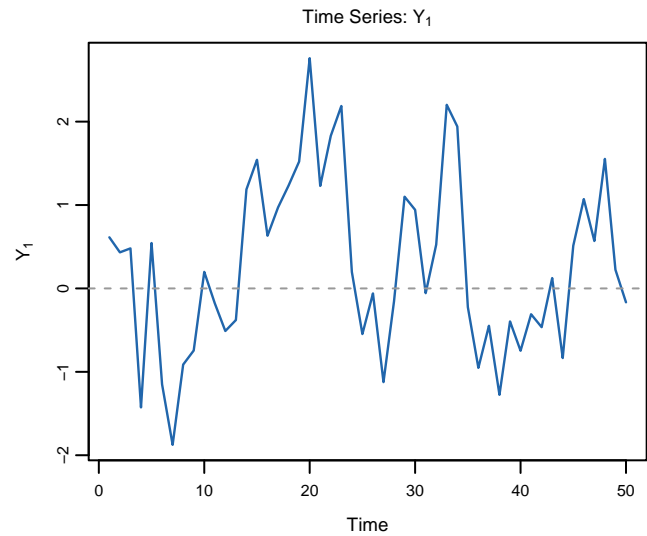**PIT Uniformity (KS)**

PIT1: D=0.099, p=0.690

PIT2: D=0.154, p=0.176

Copula Verification

True rho: 0.50
Pearson r: 0.271
Kendall tau: 0.247
Expected tau: 0.333

Status: OK

Cond 028: SN(a=+4,+4), T=50, rho=0.50 | Rep 28

Time Series: Y_1

Time Series: Y_2

Scatter: Y_1 vs Y_2

r = 0.66

Residuals: ε_1 vs ε_2

tau = 0.39 (exp: 0.33)
OK

Histogram: ε_1

Histogram: ε_2

Q–Q Normal: ε_1

Q–Q Normal: ε_2

ACF: ε_1

ACF: ε_2

PIT: ε_1

PIT: ε_2
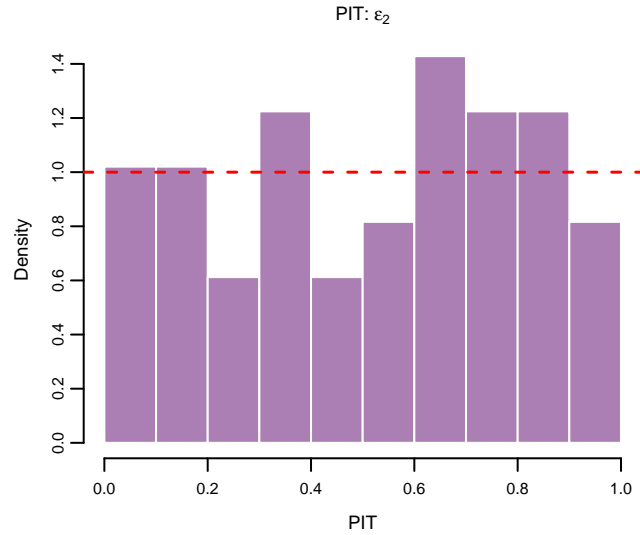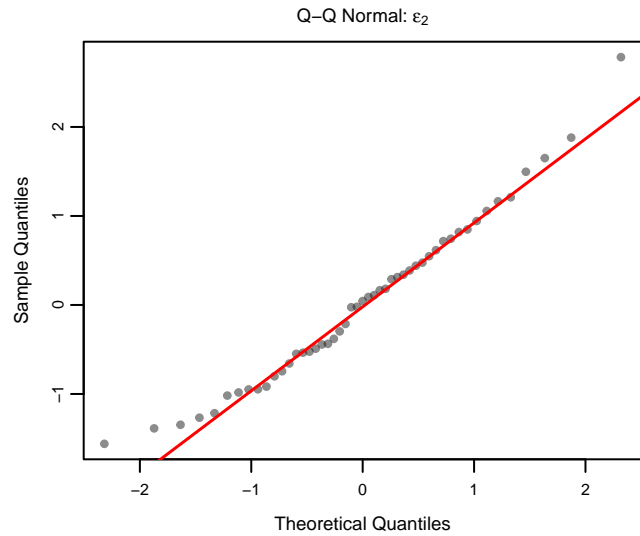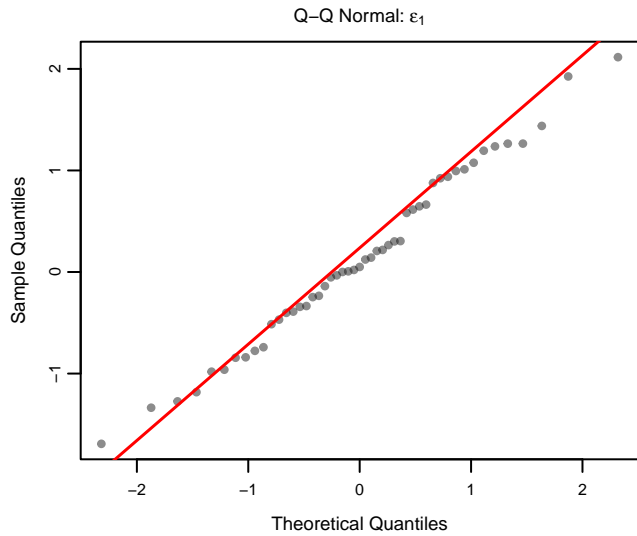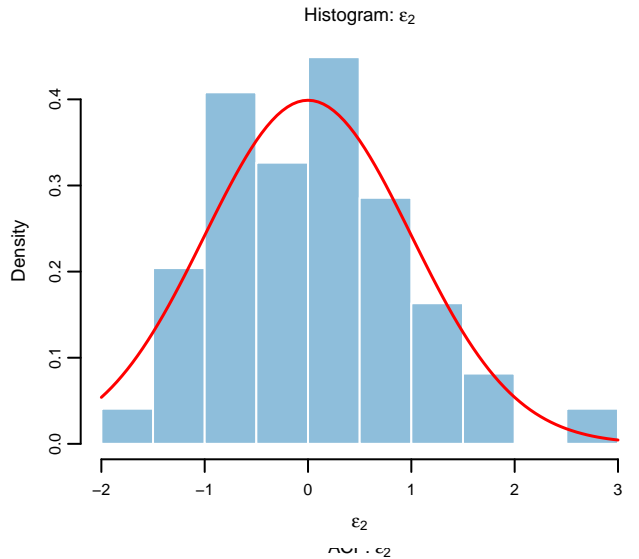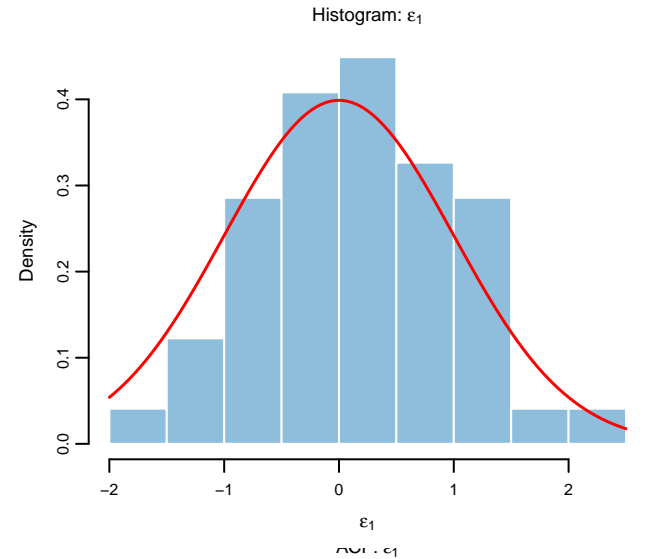
Summary: ε_1

Mean: 0.135
SD: 0.871
Skew: 0.113
Kurt: −0.616

Summary: ε_2

Mean: 0.033
SD: 0.940
Skew: 0.509
Kurt: −0.038

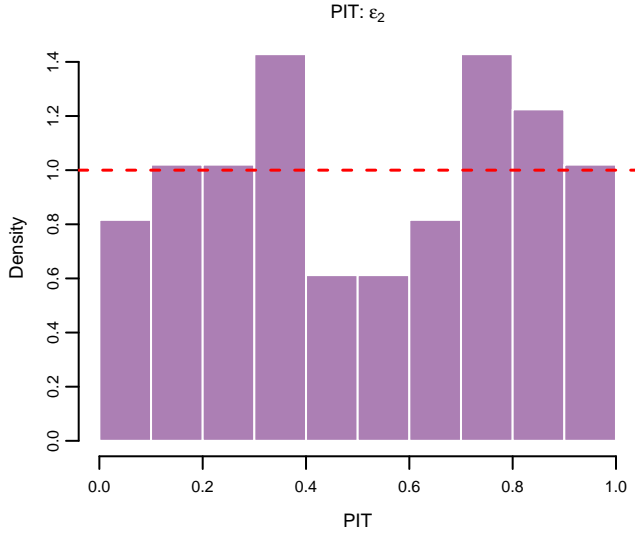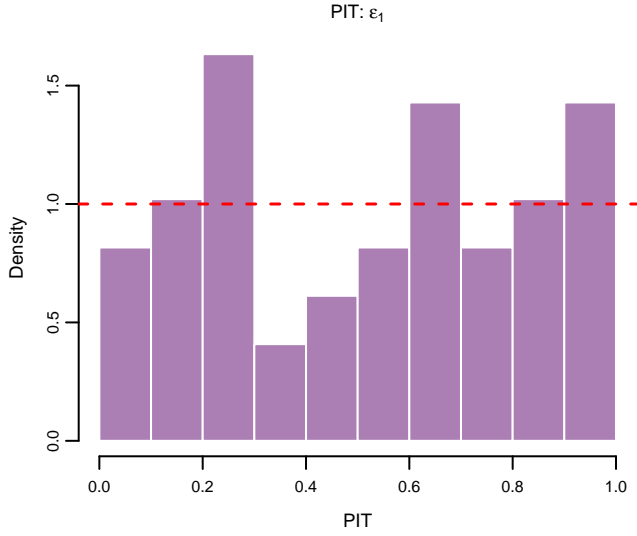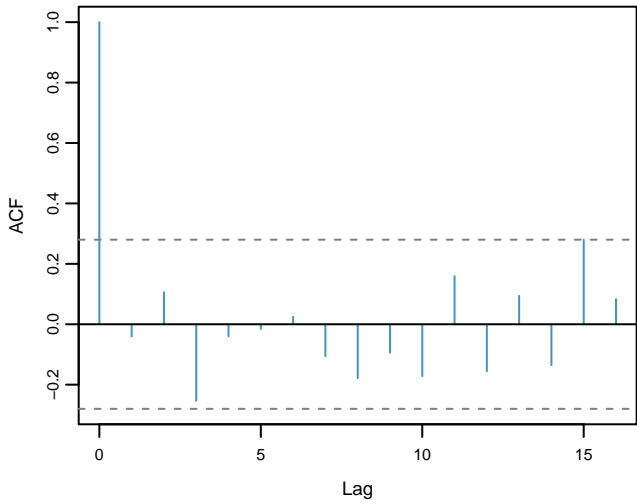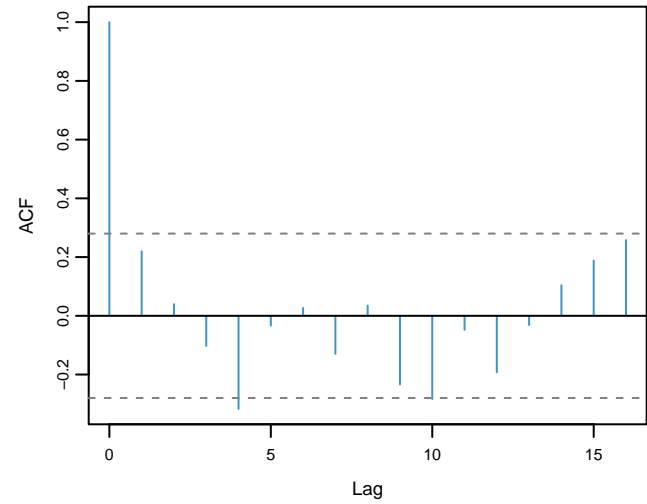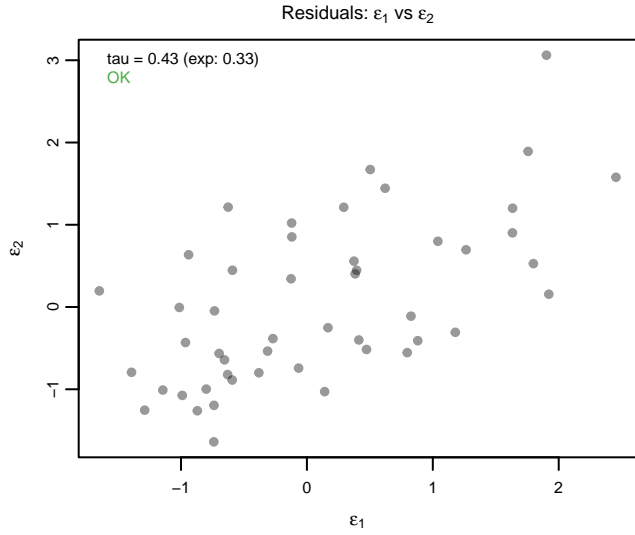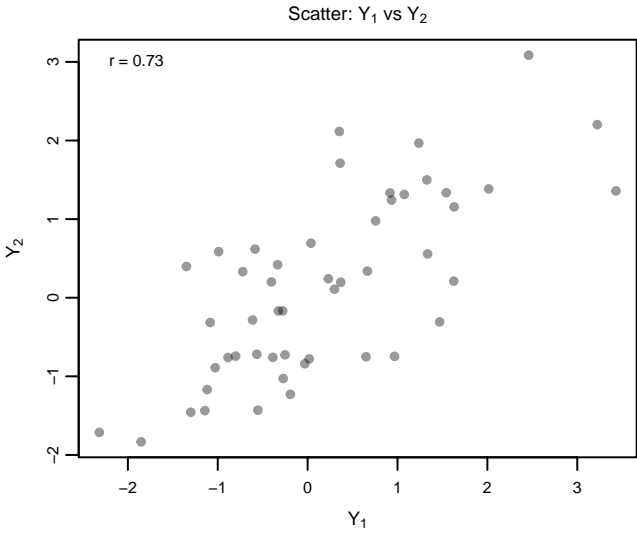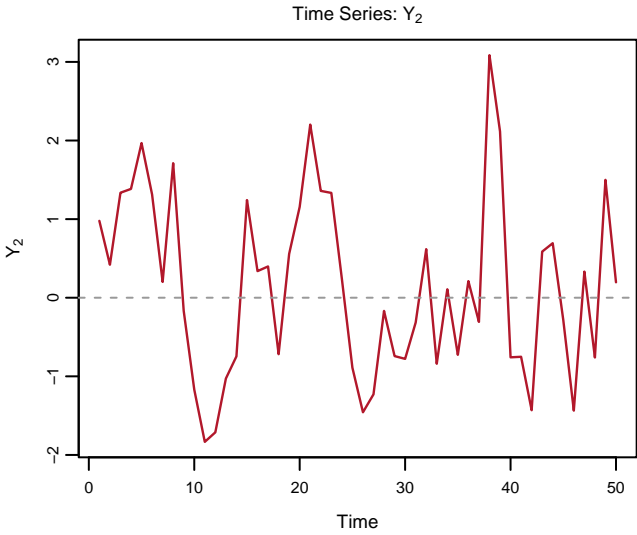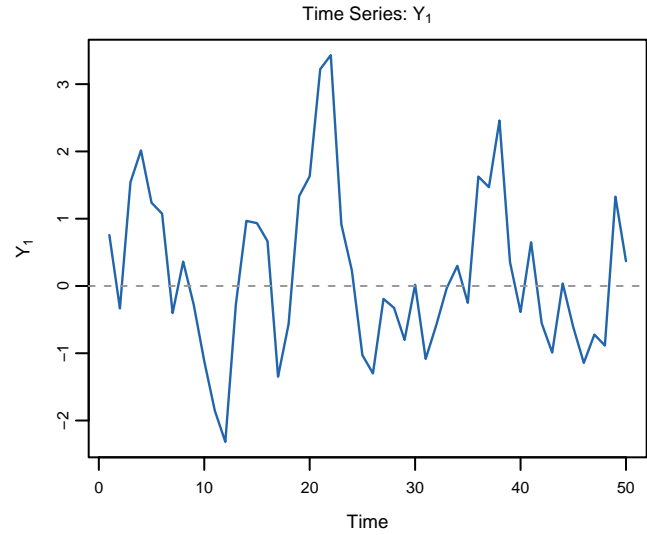**PIT Uniformity (KS)**

PIT1: D=0.153, p=0.179

PIT2: D=0.102, p=0.645

Copula Verification

True rho: 0.50
Pearson r: 0.560
Kendall tau: 0.389
Expected tau: 0.333

Status: OK

Cond 028: SN(a=+4,+4), T=50, rho=0.50 | Rep 177

Time Series: Y_1

Time Series: Y_2

Scatter: Y_1 vs Y_2

r = 0.73

Residuals: ε_1 vs ε_2

tau = 0.43 (exp: 0.33)
OK

Histogram: ε_1

Histogram: ε_2

Q–Q Normal: ε_1

Q–Q Normal: ε_2

ACF: ε_1

ACF: ε_2

PIT: ε_1

PIT: ε_2
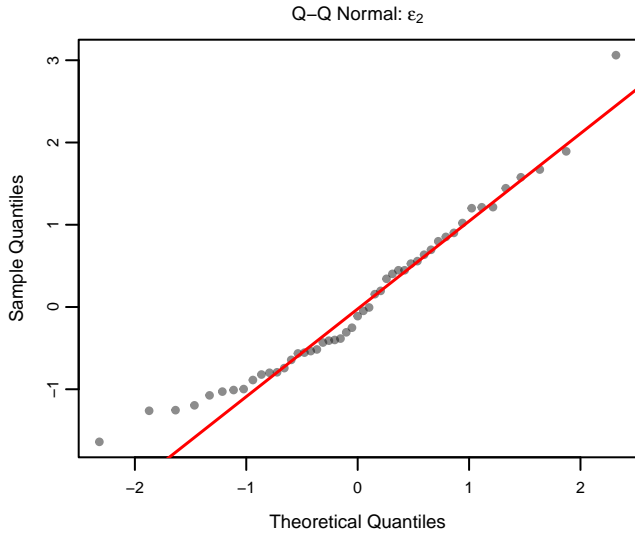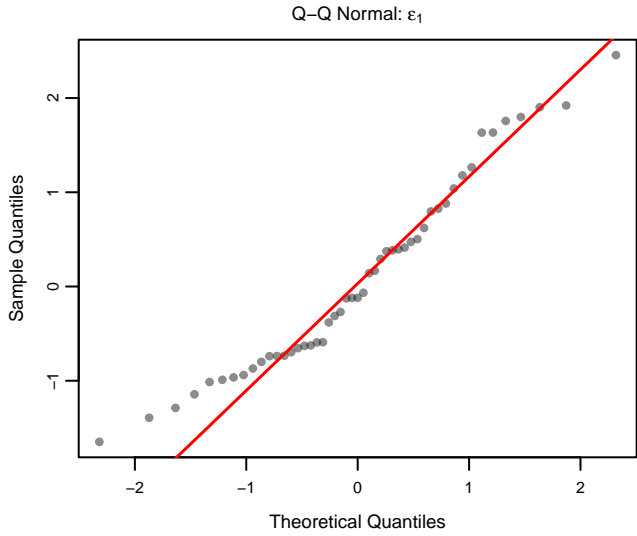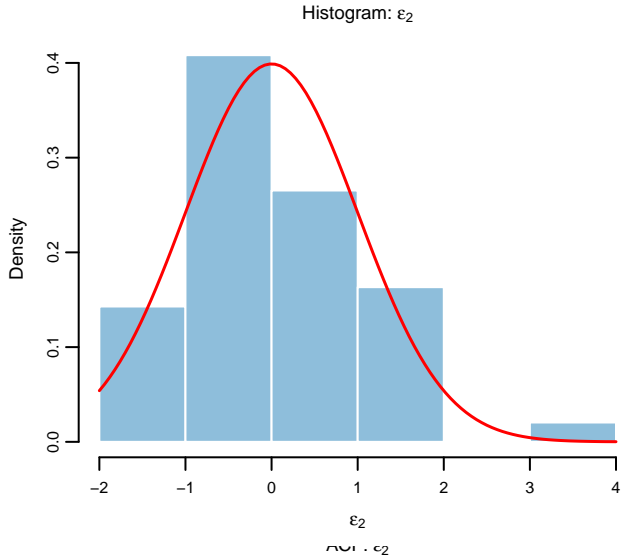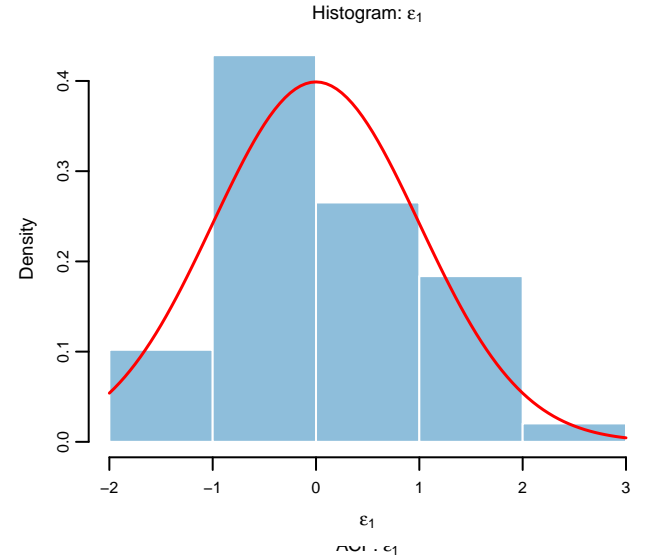
Summary: ε_1

Mean: 0.090
SD: 1.017
Skew: 0.467
Kurt: −0.787

Summary: ε_2

Mean: 0.053
SD: 0.992
Skew: 0.642
Kurt: 0.017

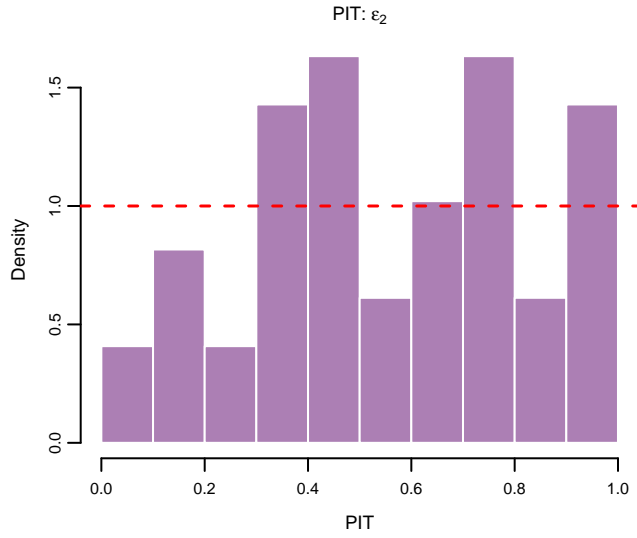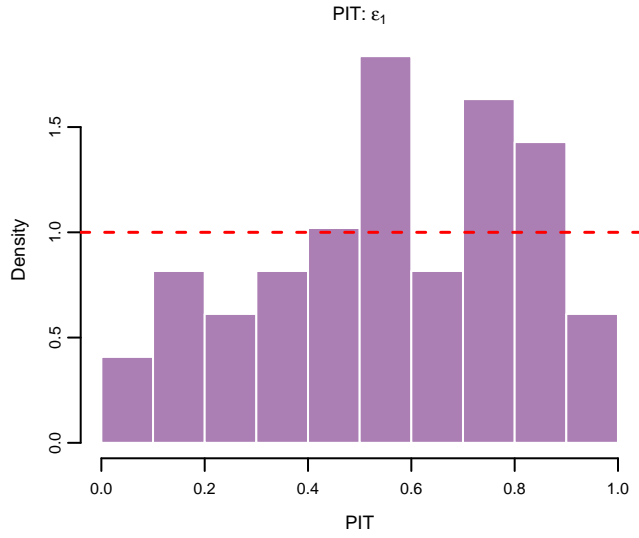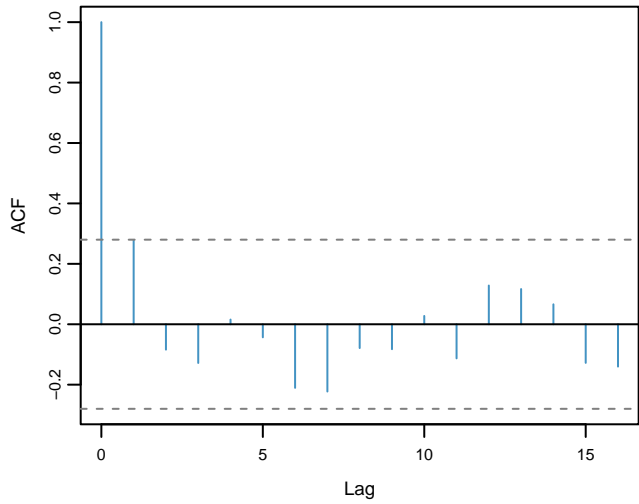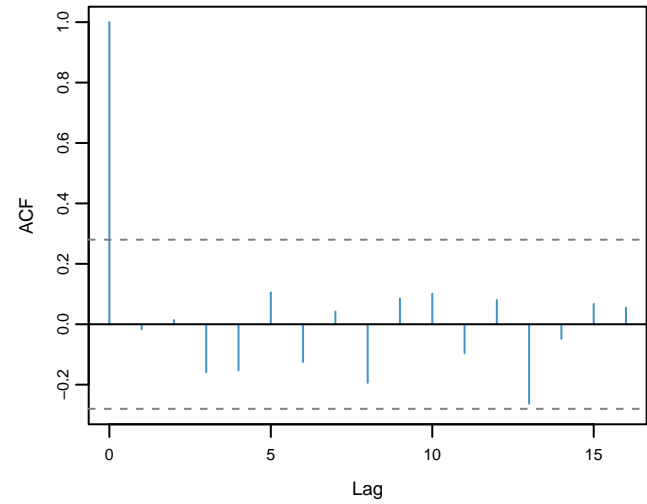**PIT Uniformity (KS)**

PIT1: D=0.096, p=0.720

PIT2: D=0.087, p=0.825

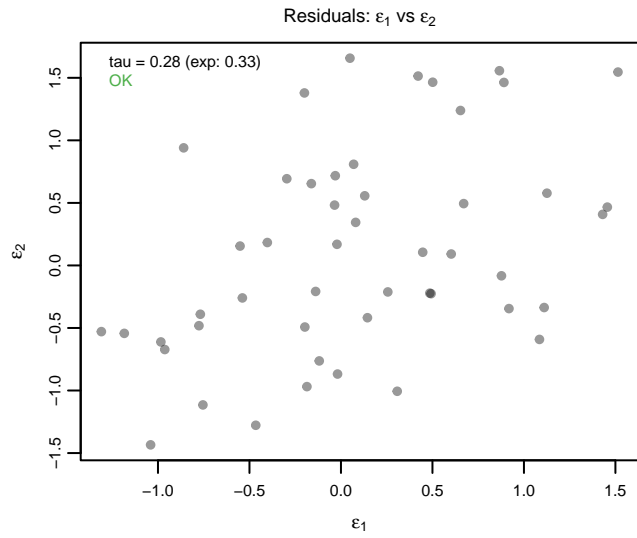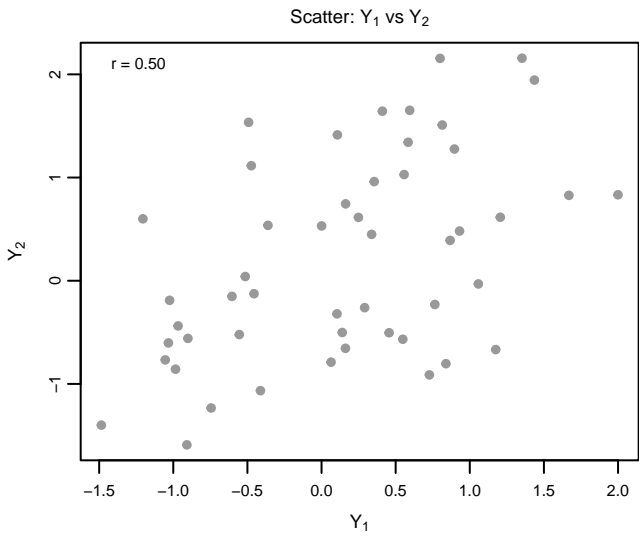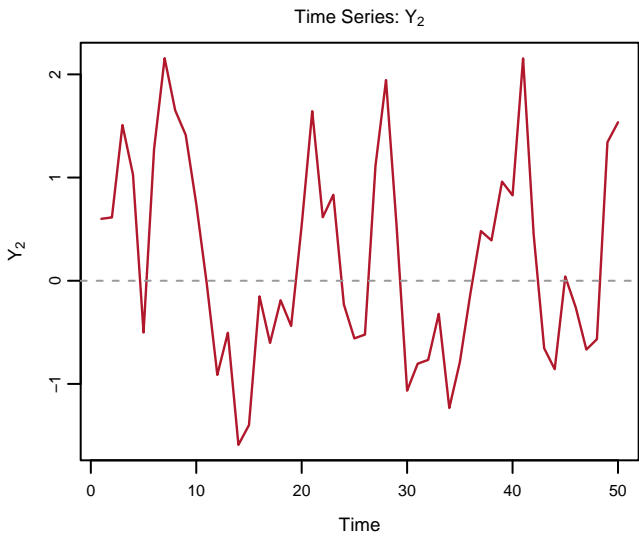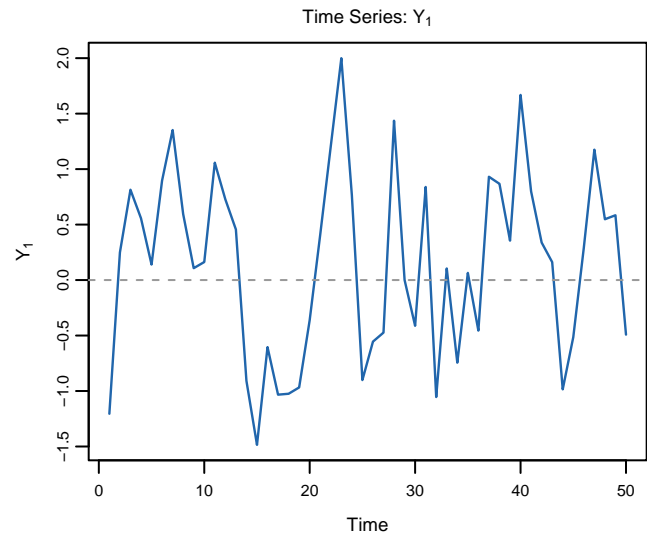**Copula Verification**

True rho: 0.50
Pearson r: 0.612
Kendall tau: 0.434
Expected tau: 0.333

Status: OK

Cond 028: SN(a=+4,+4), T=50, rho=0.50 | Rep 174
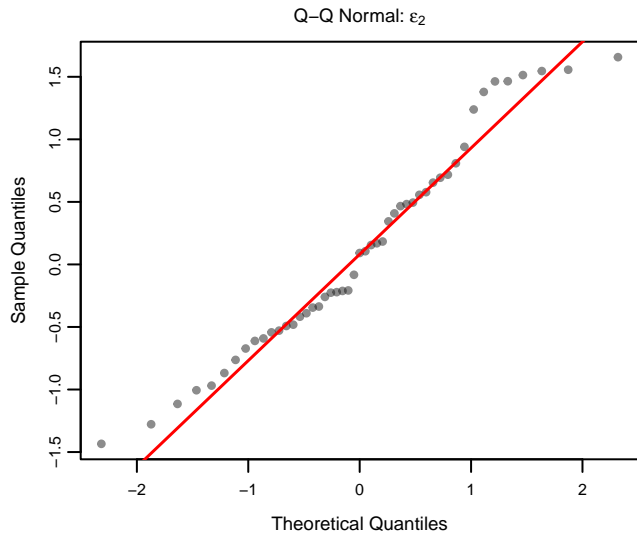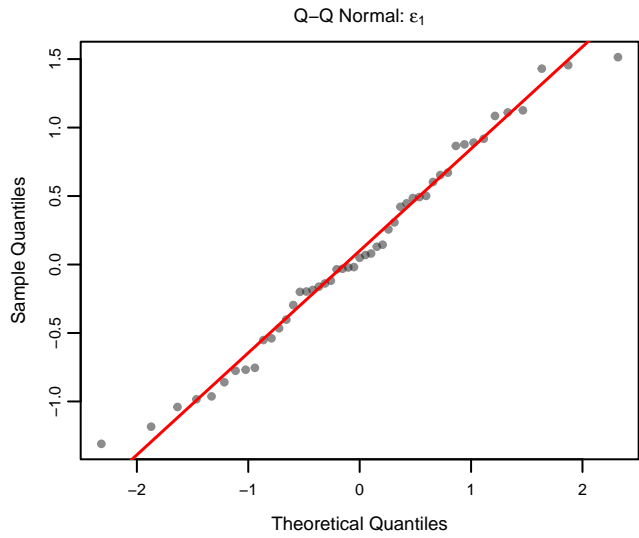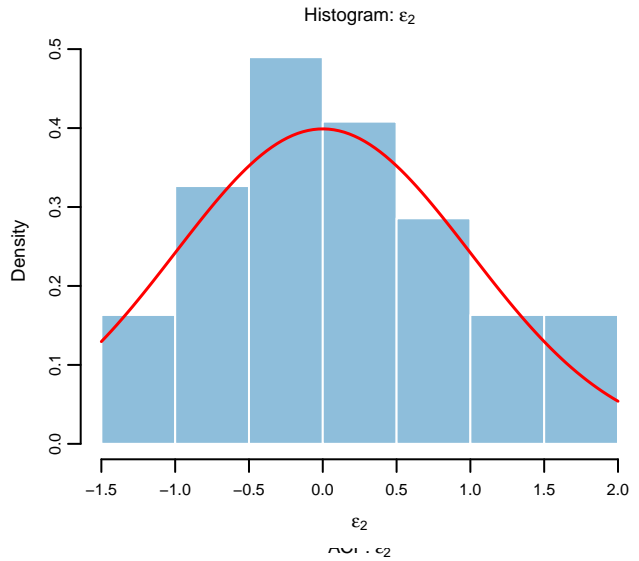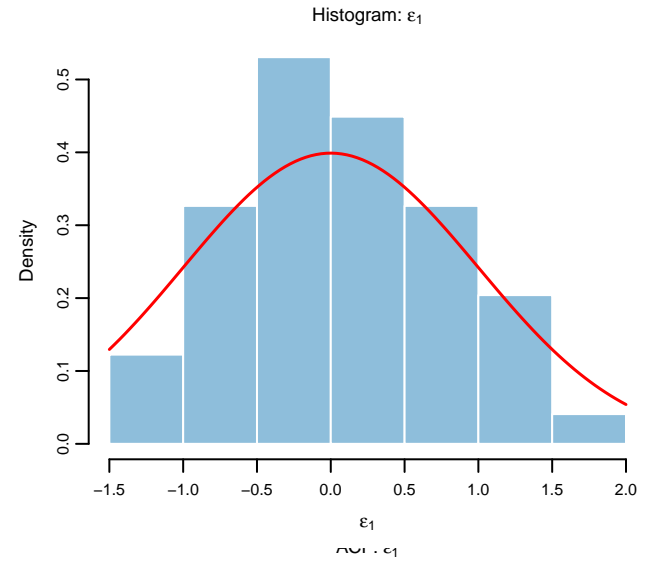
Summary: ε_1

Mean: 0.094
SD: 0.725
Skew: 0.064
Kurt: −0.813

Summary: ε_2

Mean: 0.114
SD: 0.828
Skew: 0.255
Kurt: −0.909

PIT Uniformity (KS)

PIT1: D=0.197, p=0.038

PIT2: D=0.143, p=0.248

Copula Verification

True rho: 0.50
Pearson r: 0.428
Kendall tau: 0.276
Expected tau: 0.333

Status: OK