Cond 089: SN(a=+9,−9), T=50, rho=0.50 | Rep 153

Time Series: Y_1

Time Series: Y_2

Scatter: Y_1 vs Y_2
r = 0.51

Residuals: ε_1 vs ε_2
tau = 0.36 (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: 0.073
SD: 1.089
Skew: 0.595
Kurt: −0.487

Summary: ε_2

Mean: 0.023
SD: 1.002
Skew: −0.711
Kurt: 0.122

PIT Uniformity (KS)

PIT1: D=0.124, p=0.406

PIT2: D=0.082, p=0.873

Copula Verification

True rho: 0.50
Pearson r: 0.509
Kendall tau: 0.364
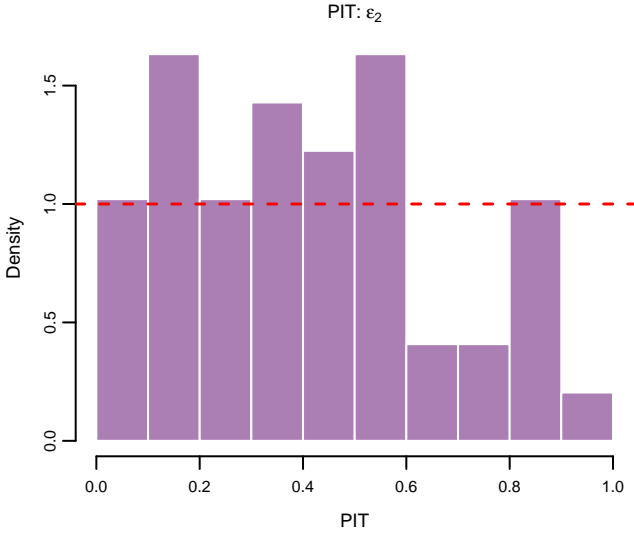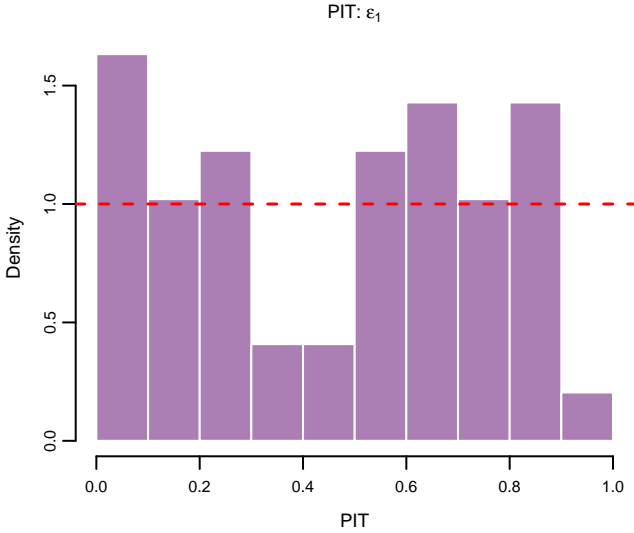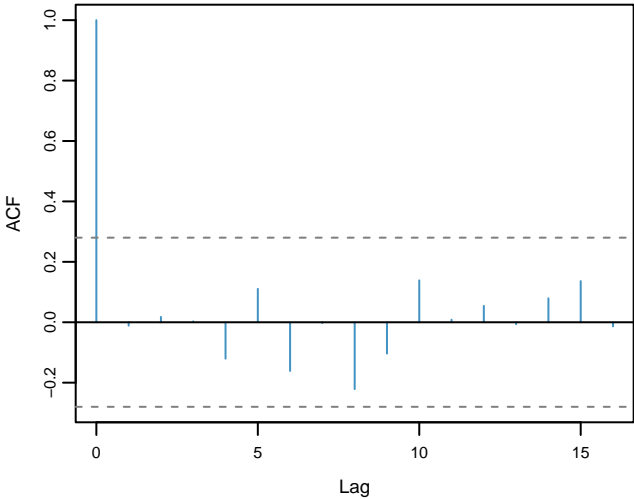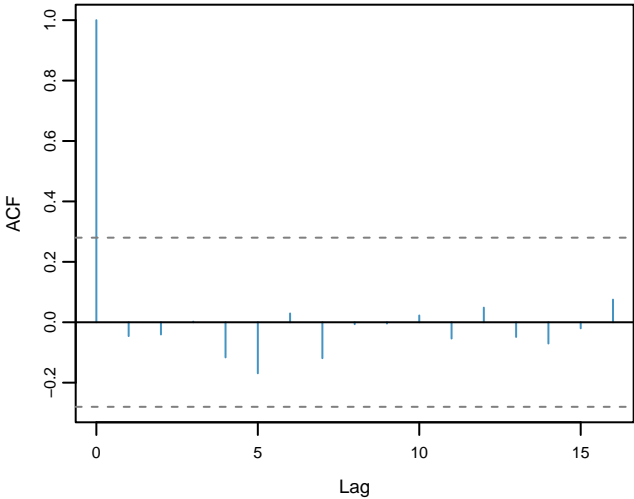Expected tau: 0.333

Status: OK

Cond 089: SN(a=+9,−9), T=50, rho=0.50 | Rep 182
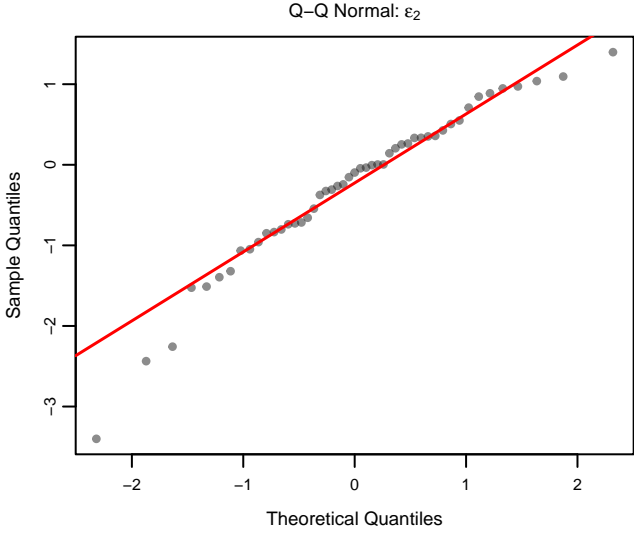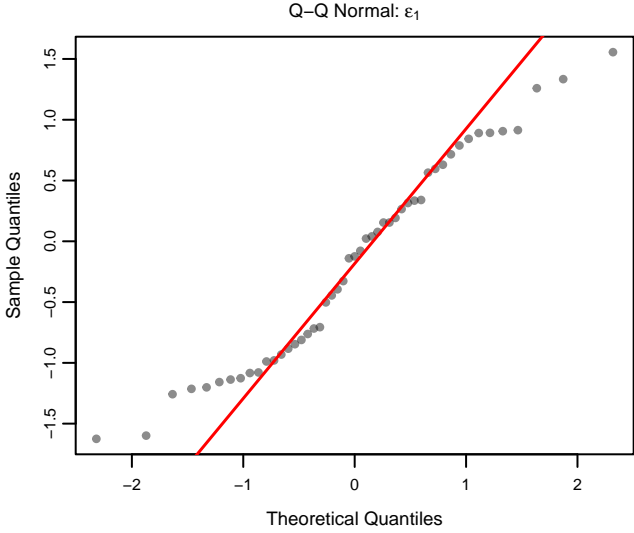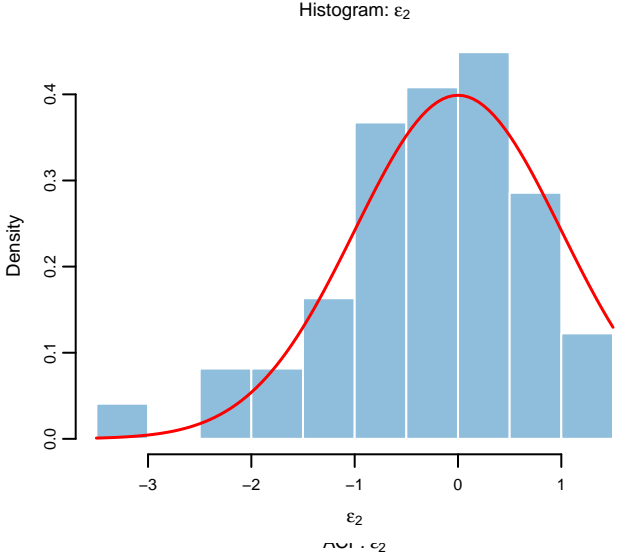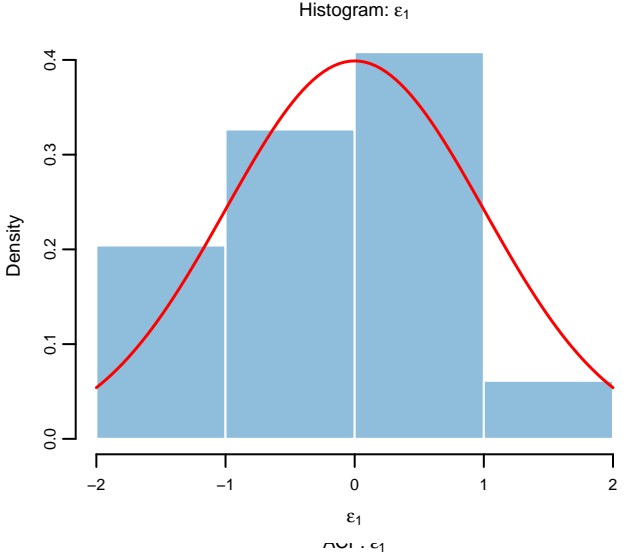
Summary: ε_1

Mean: −0.170
SD: 0.845
Skew: 0.140
Kurt: −1.165

Summary: ε_2

Mean: −0.266
SD: 0.968
Skew: −0.858
Kurt: 0.914

PIT Uniformity (KS)
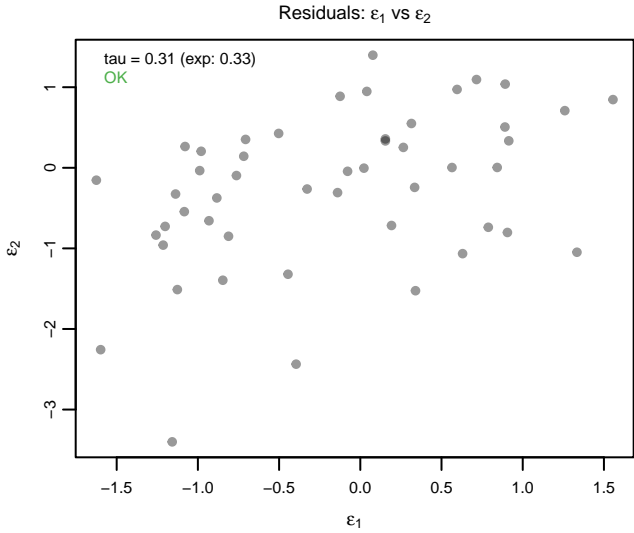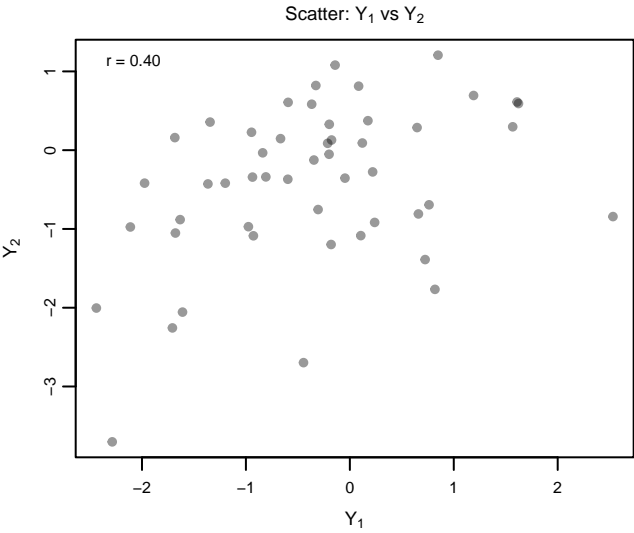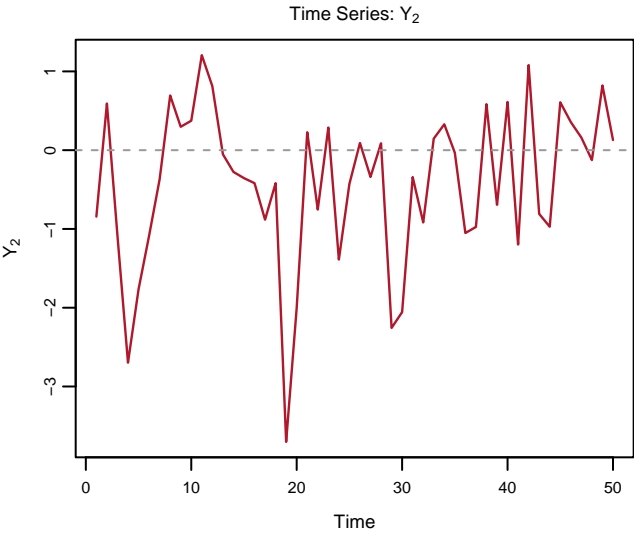
PIT1: D=0.116, p=0.491

PIT2: D=0.210, p=0.023

Copula Verification

True rho: 0.50
Pearson r: 0.418
Kendall tau: 0.311
Expected tau: 0.333

Status: OK

Cond 089: SN(a=+9,−9), T=50, rho=0.50 | Rep 66

Time Series: Y_1
Time Series: Y_2
Scatter: Y_1 vs Y_2
r = 0.32
Residuals: ε_1 vs ε_2
tau = 0.18 (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: 0.123
SD: 0.888
Skew: 0.305
Kurt: −0.695

Summary: ε_2

Mean: 0.153
SD: 0.955
Skew: −1.046
Kurt: 0.919

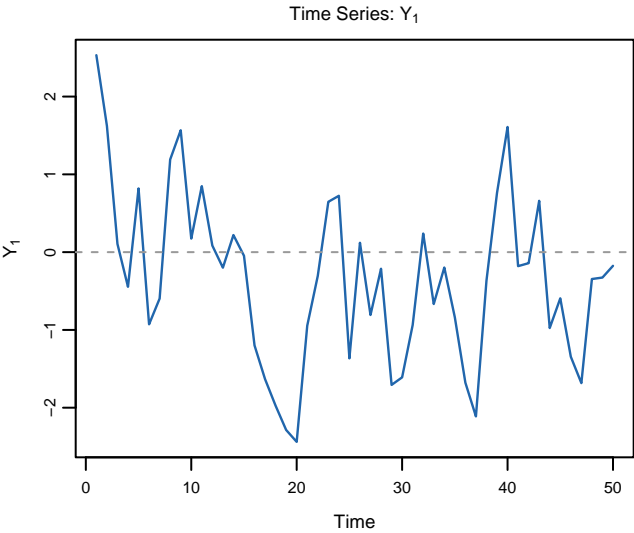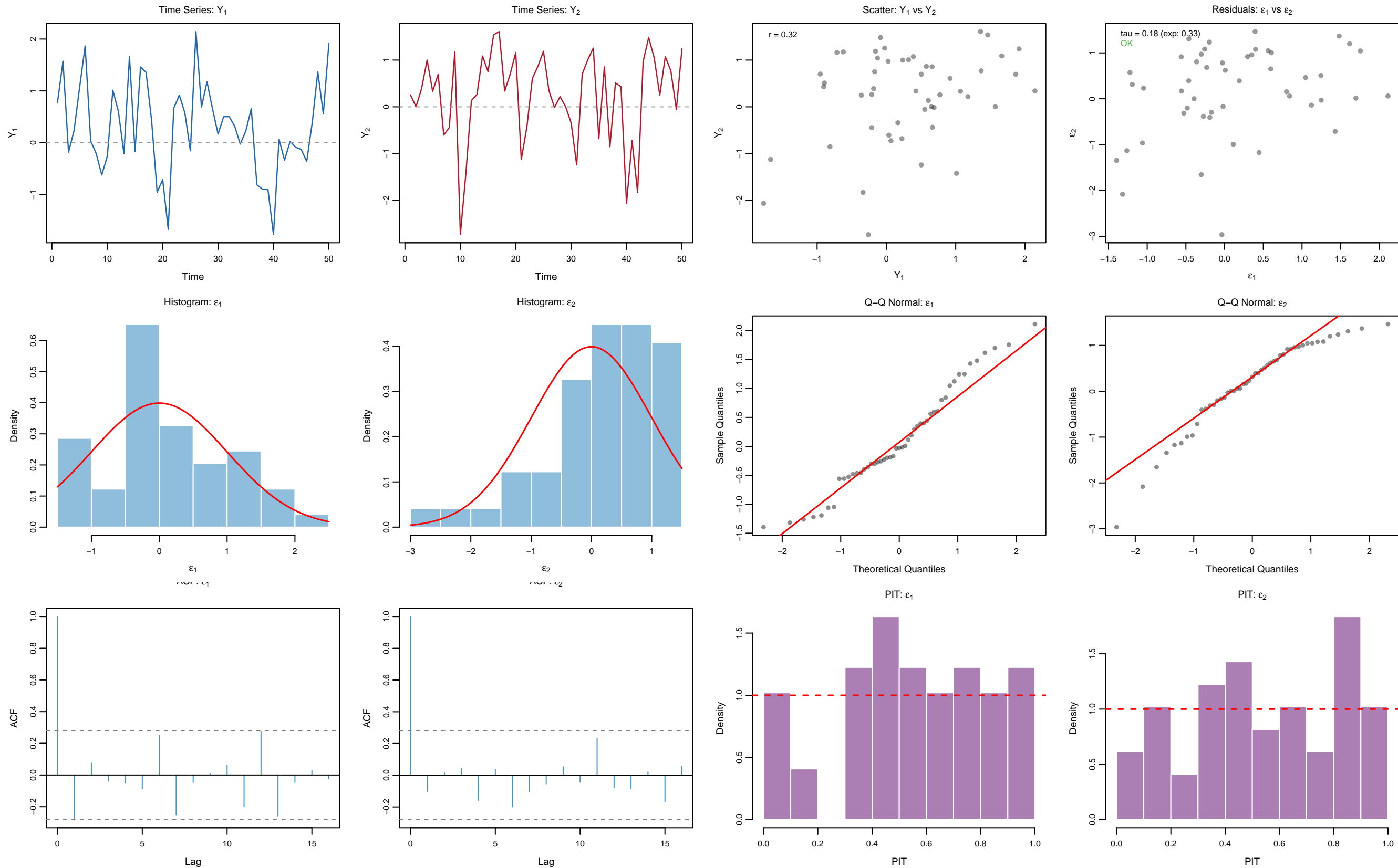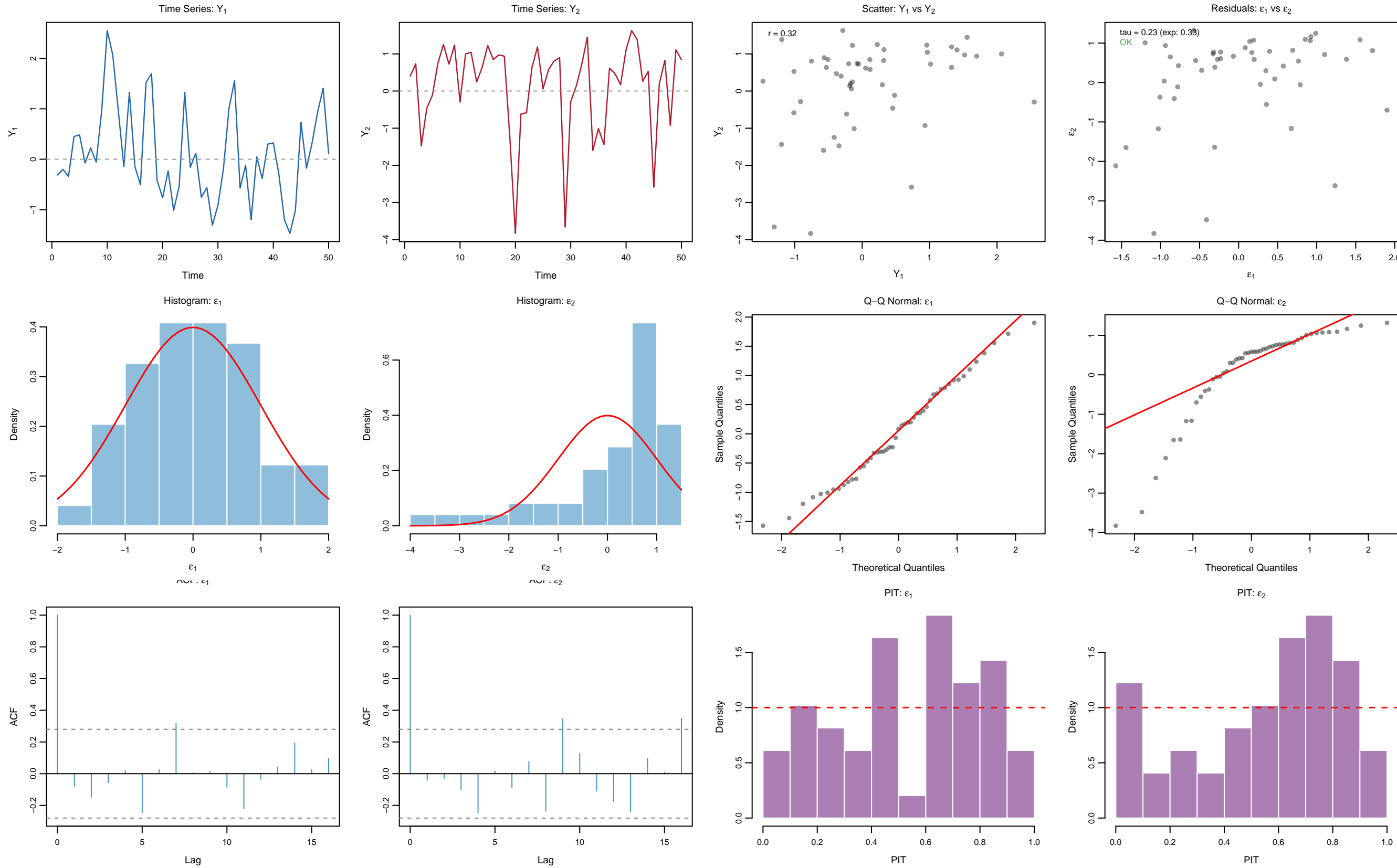**PIT Uniformity (KS)**

PIT1: D=0.206, p=0.027

PIT2: D=0.115, p=0.504

Copula Verification

True rho: 0.50
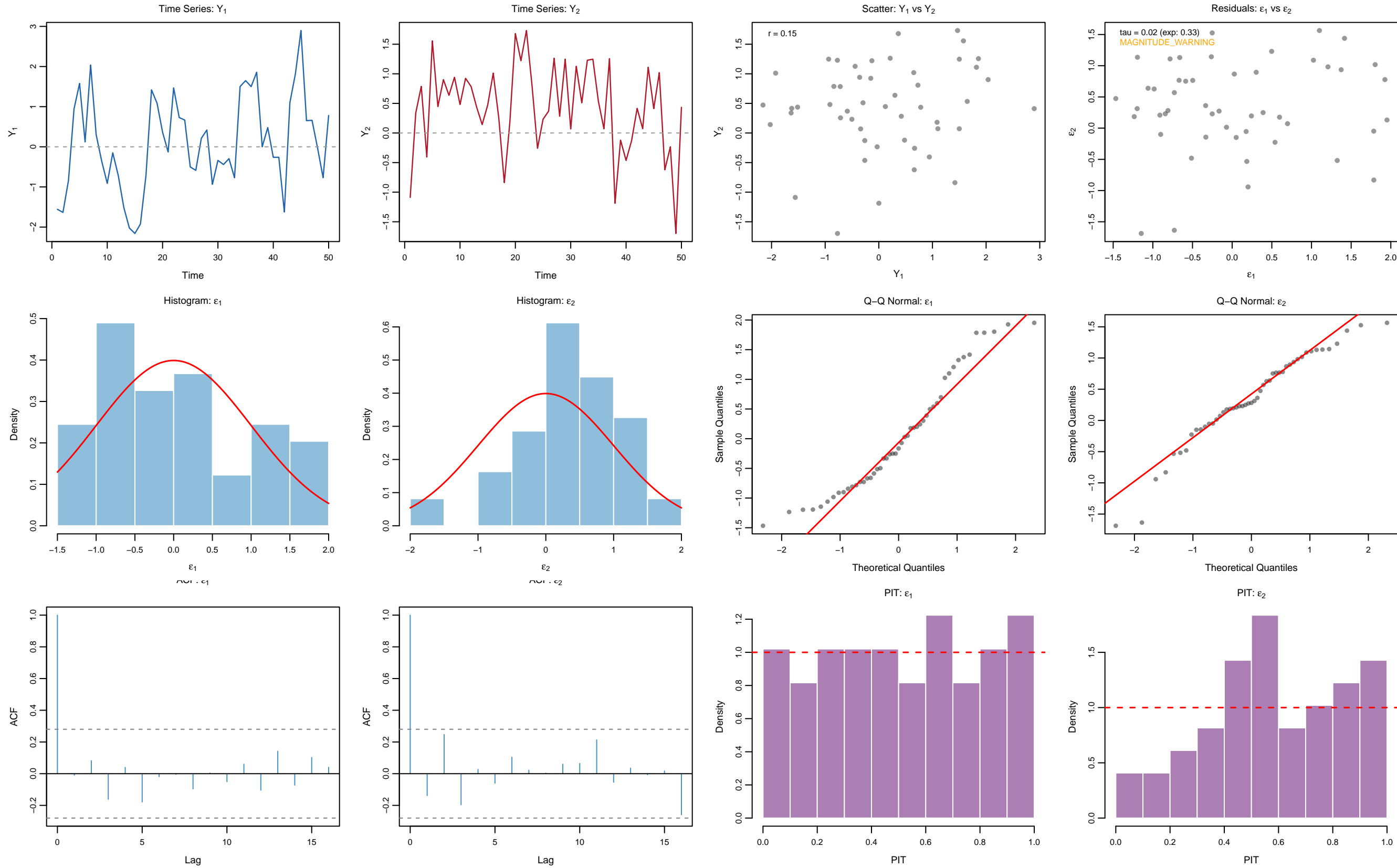Pearson r: 0.293
Kendall tau: 0.184
Expected tau: 0.333

Status: OK

Cond 089: SN(a=+9,−9), T=50, rho=0.50 | Rep 179

Summary: ε_1

Mean: 0.044
SD: 0.860
Skew: 0.176
Kurt: −0.850

Summary: ε_2

Mean: 0.100
SD: 1.192
Skew: −1.670
Kurt: 2.239

PIT Uniformity (KS)

PIT1: D=0.120, p=0.443

PIT2: D=0.196, p=0.040

Copula Verification

True rho: 0.50
Pearson r: 0.282
Kendall tau: 0.235
Expected tau: 0.333

Status: OK

Cond 089: SN(a=+9,−9), T=50, rho=0.50 | Rep 176

Summary: ε_1

Mean: 0.041
SD: 0.969
Skew: 0.493
Kurt: −0.917

Summary: ε_2

Mean: 0.347
SD: 0.730
Skew: −0.705
Kurt: 0.447

PIT Uniformity (KS)

PIT1: D=0.068, p=0.965

PIT2: D=0.213, p=0.019

Copula Verification

True rho: 0.50
Pearson r: 0.101
Kendall tau: 0.022
Expected tau: 0.333

Status: **MAGNITUDE_WARNING**