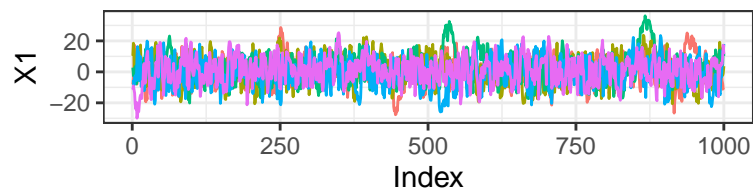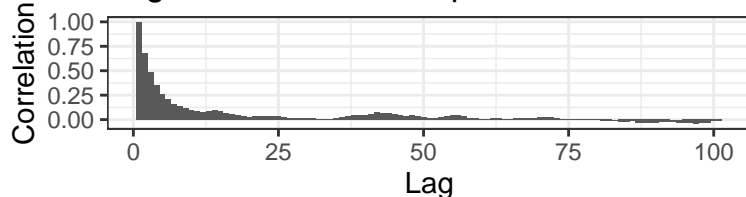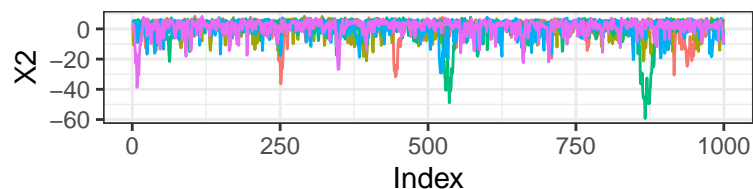# Metropolis Hastings

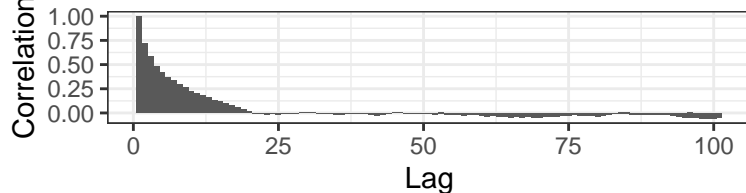### Sampling trace plot – X1

Lag–k autocorrelation plot – X1
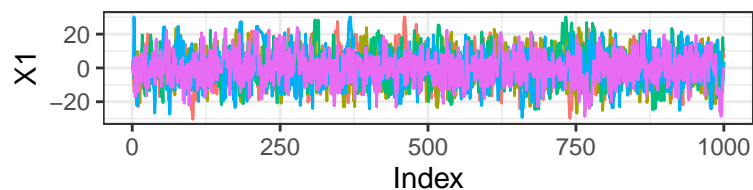
Sampling trace plot – X2

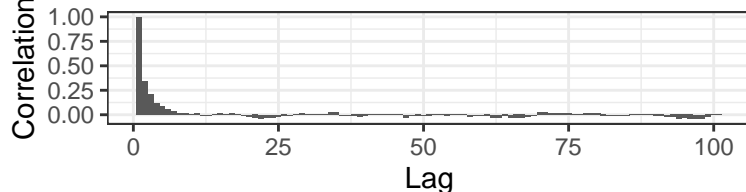### Lag–k autocorrelation plot – X2
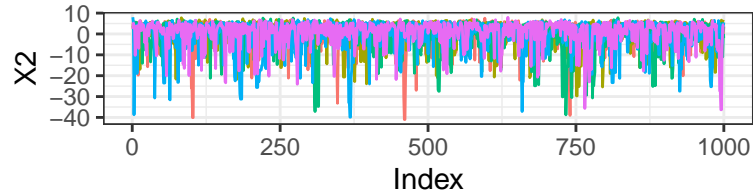
Chain — 1 — 2 — 3 — 4 — 5

Hamiltonian Monte Carlo

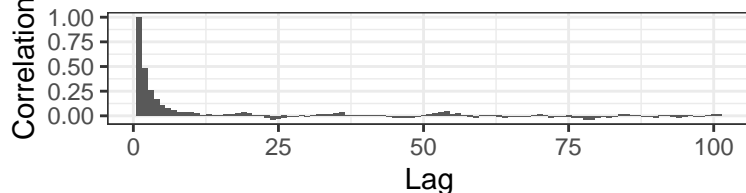### Sampling trace plot – X1

Lag–k autocorrelation plot – X1
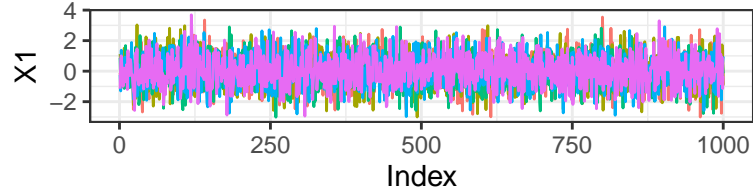
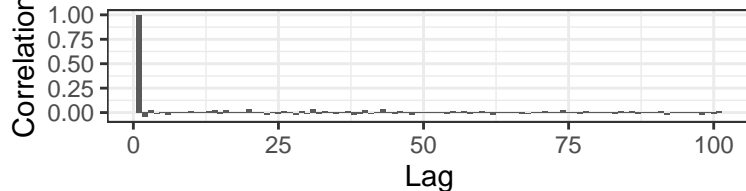### Sampling trace plot – X2

Lag–k autocorrelation plot – X2
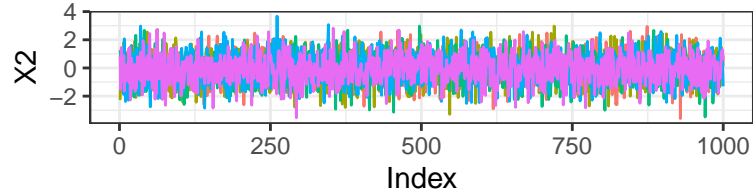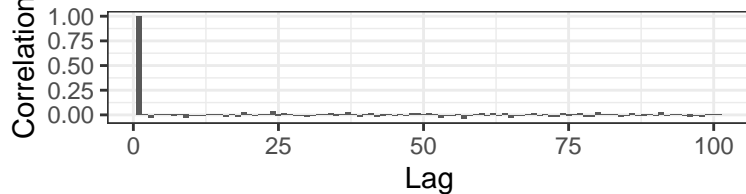
Chain — 1 — 2 — 3 — 4 — 5

Rejection sampling

Sampling trace plot – X1

Lag–k autocorrelation plot – X1

Sampling trace plot – X2

Lag–k autocorrelation plot – X2

Chain — 1 — 2 — 3 — 4 — 5