

Economics 690
Solutions: Using the MH Algorithm

The answers are basically provided in the accompanying MATLAB code.

For the RW sampler, acceptance rates drop considerably when setting $c = 10$, though both fare reasonably well in producing a histogram that resembles the triangular density.

A similar result is obtained for the IND sampler. Results from the IND sampler appear slightly more accurate, which is to be expected since we capitalize on centering the proposal around the true mean of the target distribution.