Objective: maintain state within acceptable range
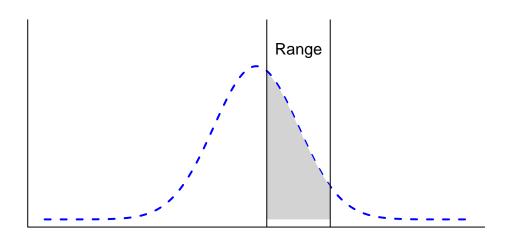

Range

Probability density

Future state z'