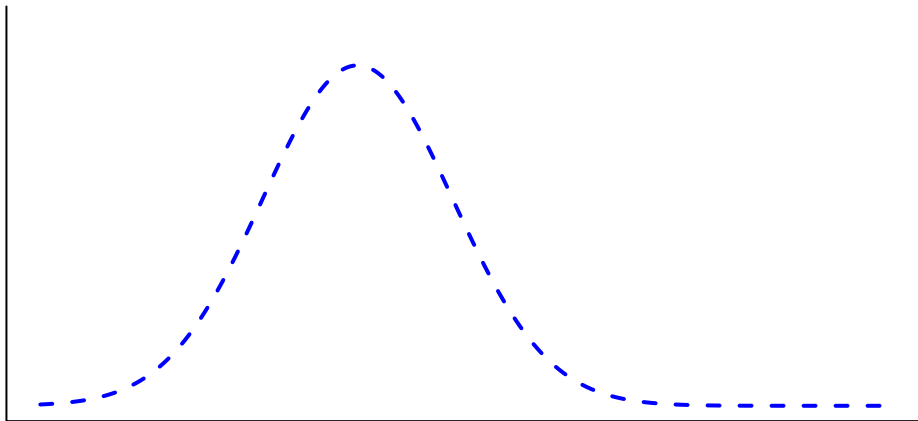Probability density

Future state, z'