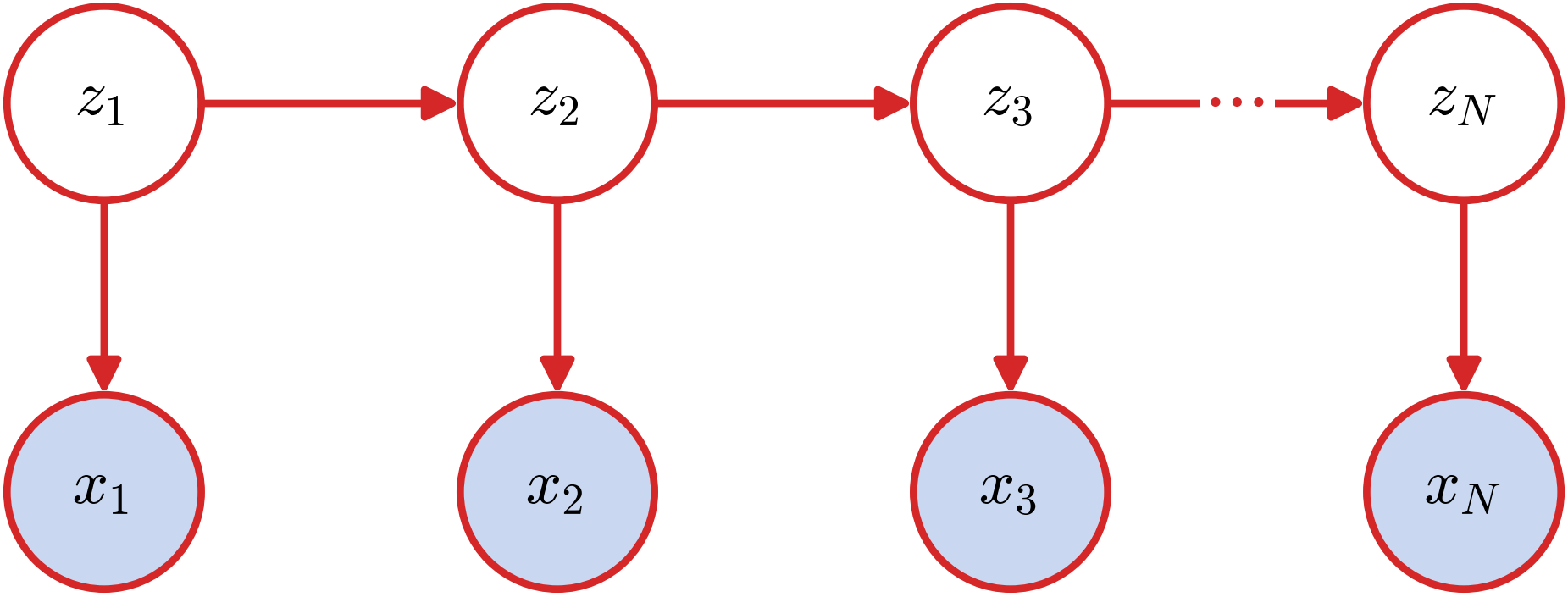

z_1
z_2
z_3
z_N
x_1
x_2
x_3
x_N