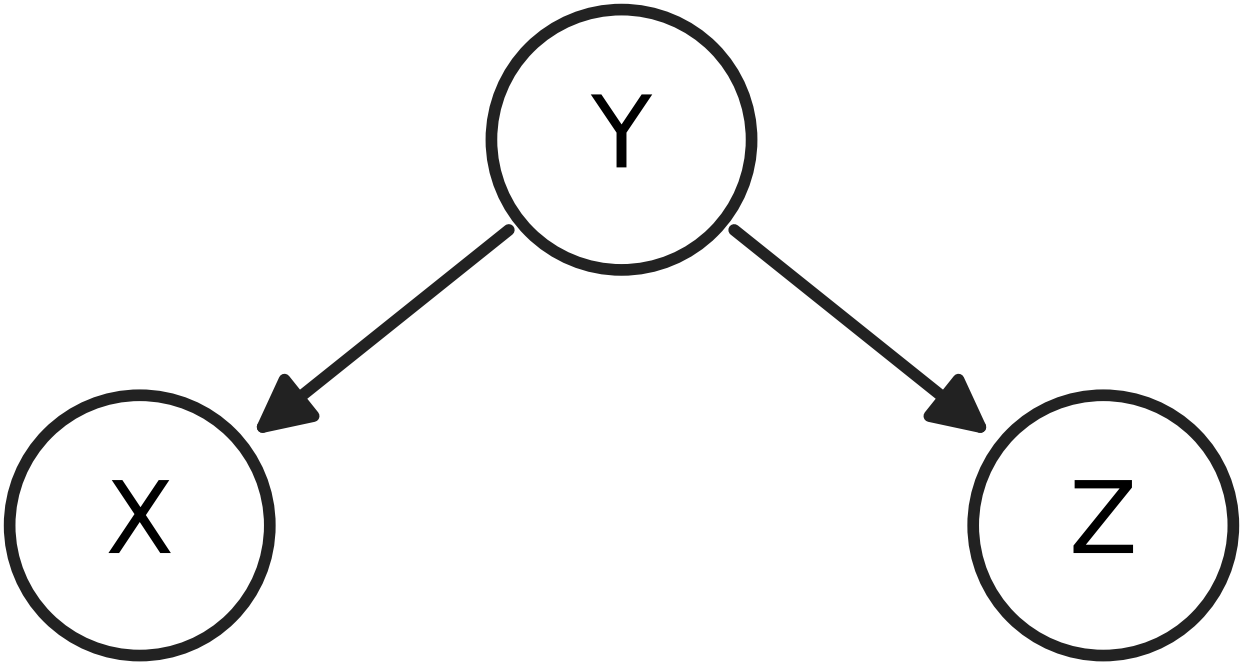


$$f(x, y, z) = f(y)\, f(x \mid y)\, f(z \mid y)$$