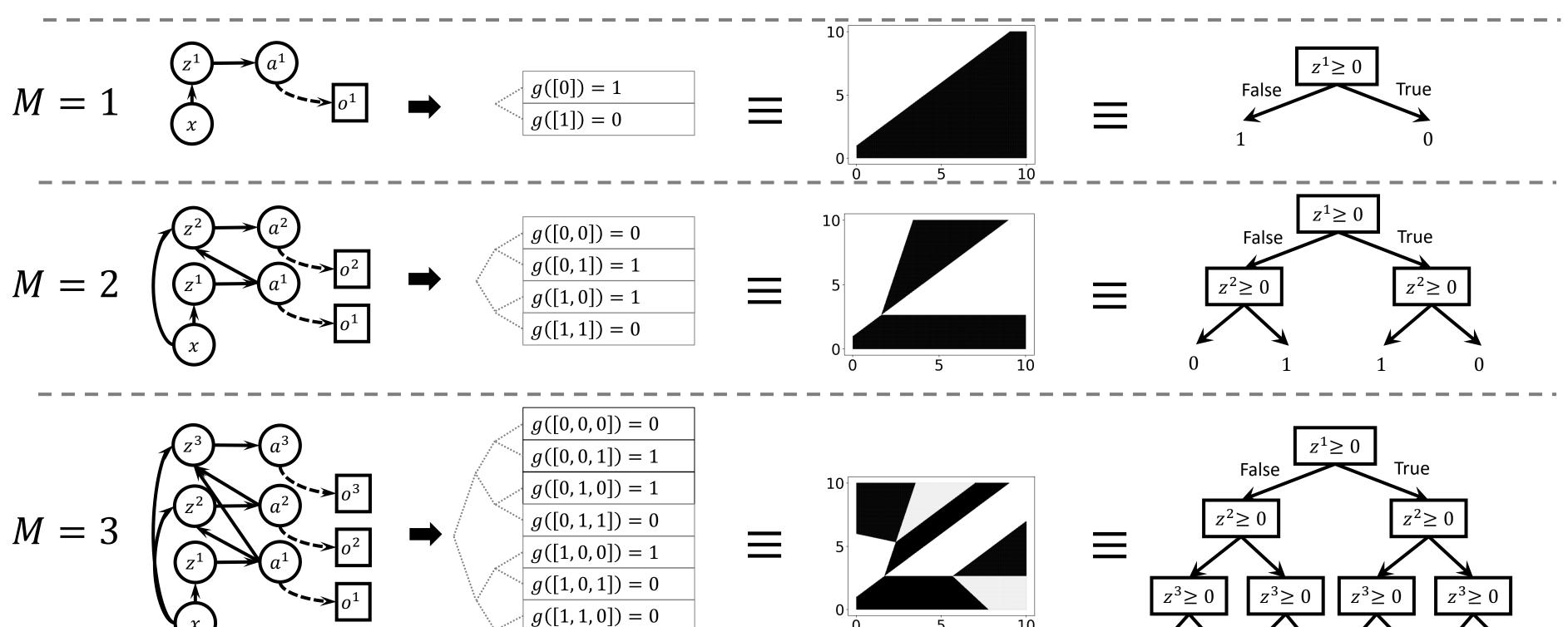
Define

$$z^1 = x_1 - x_2 + 1$$
; $z^2 = -4x_1 + x_2 + 4a^1 + 4$; $z^3 = -x_1 + x_2 + 1.5a^1 - 0.3a^2 - 3$.



Locally constant networks

g([1,1,1]) = 1

Maps

Decision trees