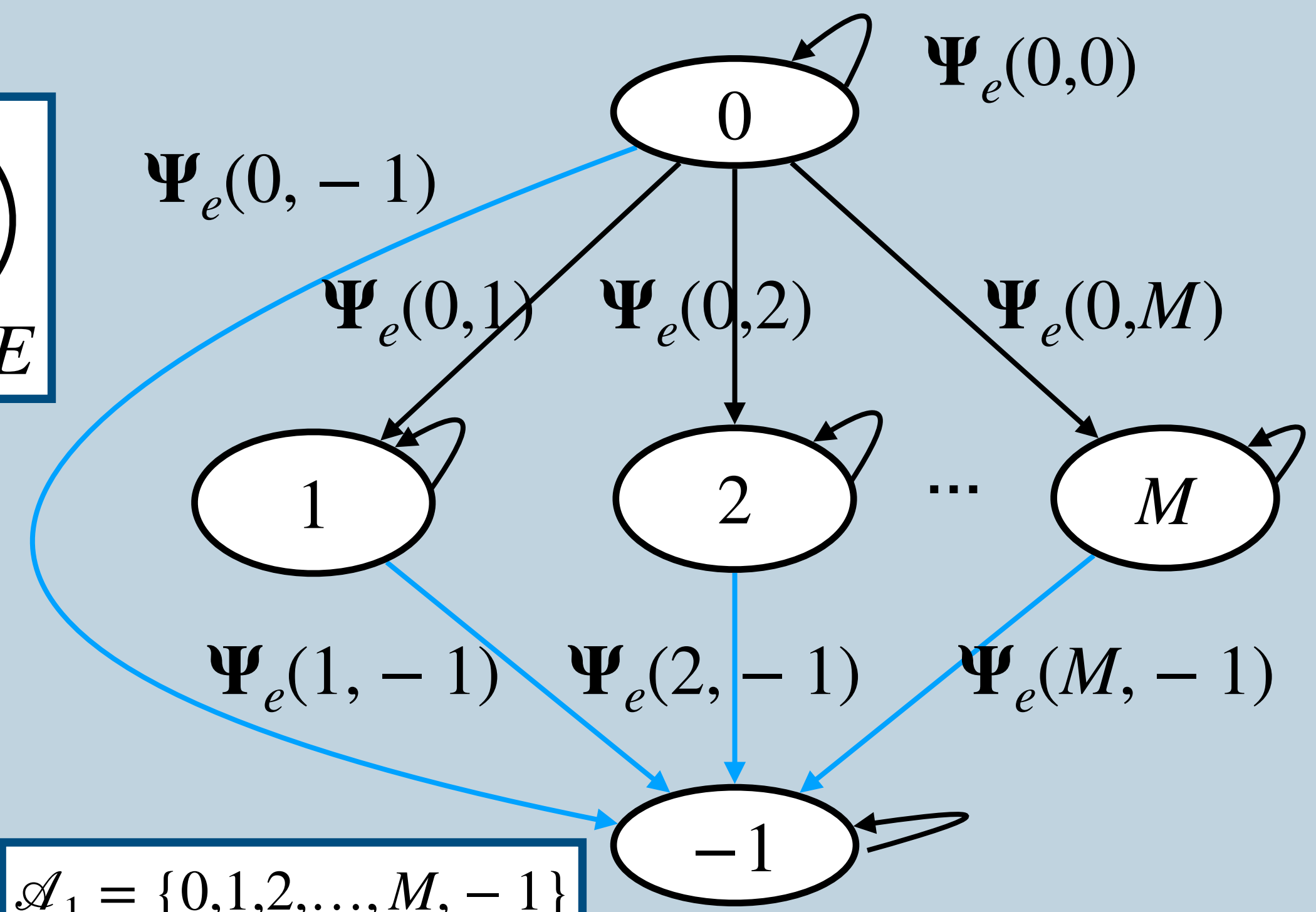
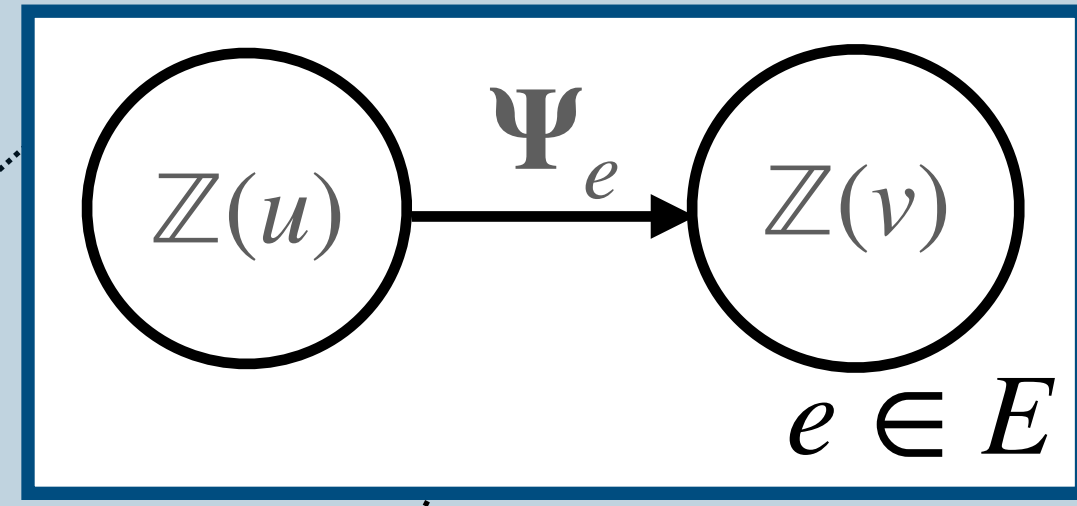
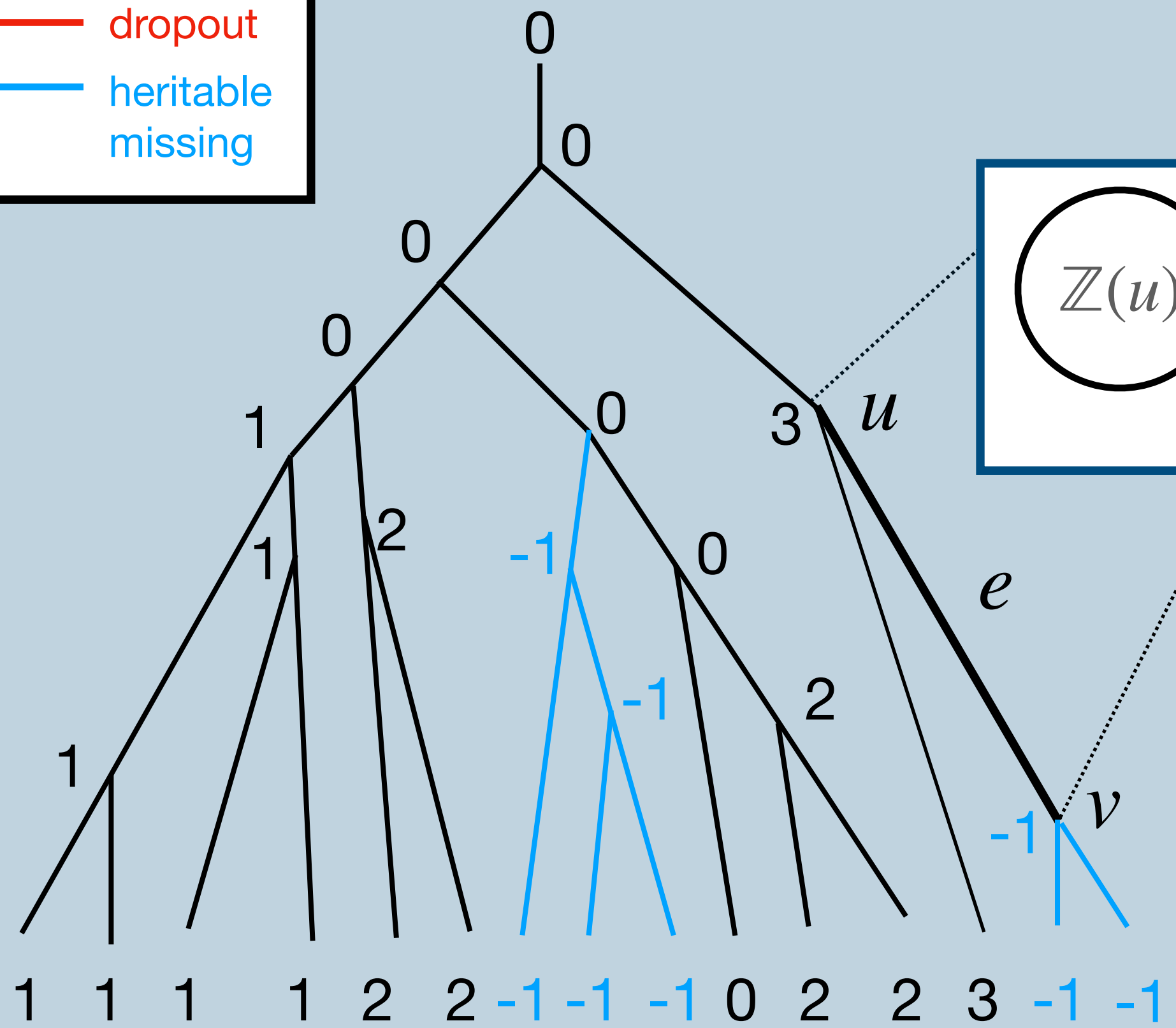
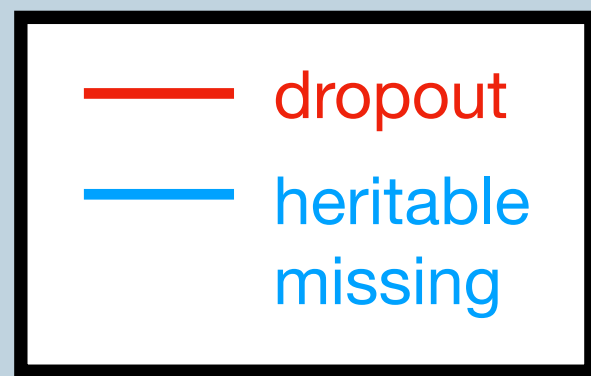
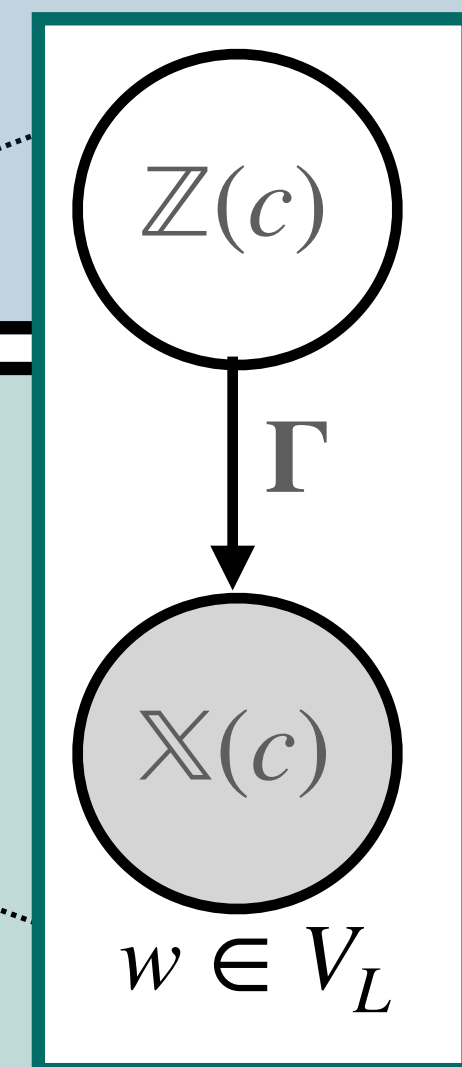


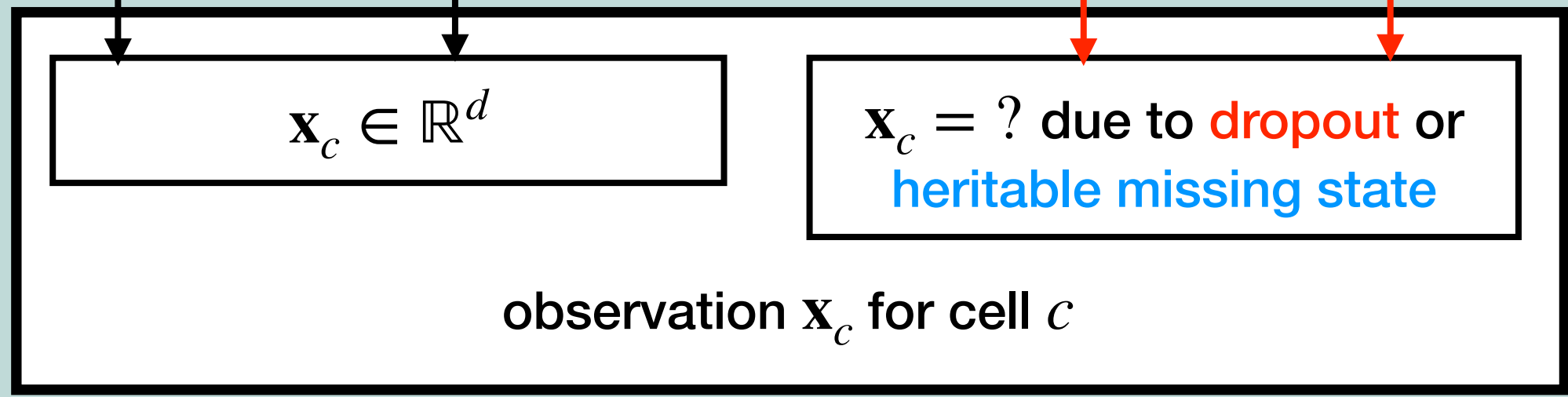
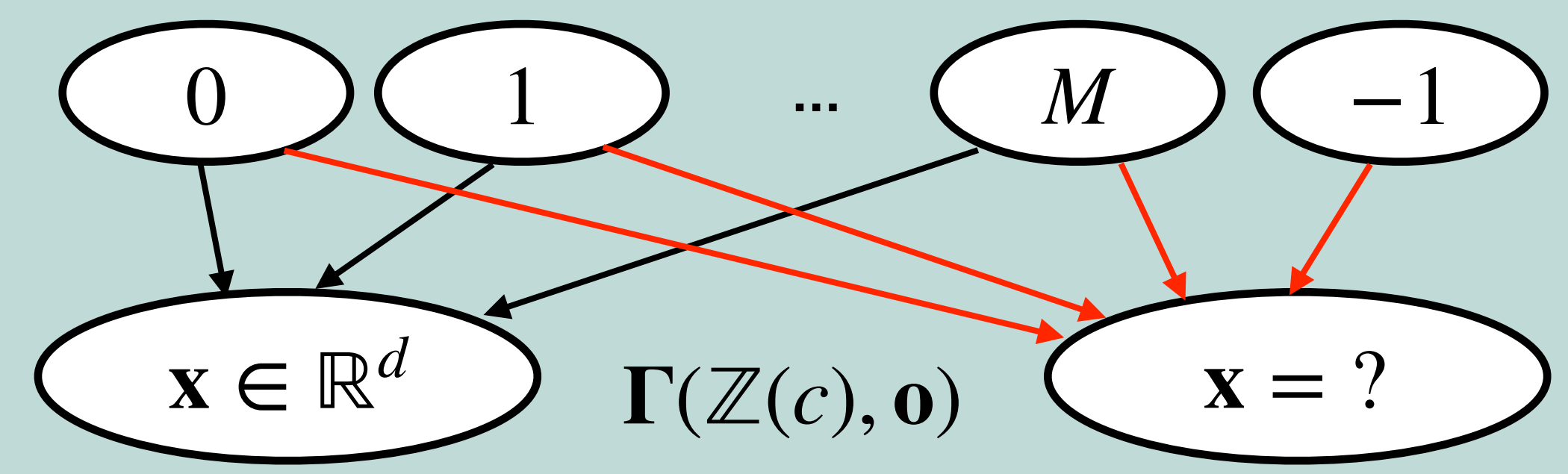
Layer 1: genome editing process



$$\mathcal{A}_1 = \{0, 1, 2, \dots, M, -1\}$$



Layer 2: observation process



$$\mathcal{A}_2 = \{0, 1, 2, \dots, M, ?\}$$