$(p, q) = (0.0, 1.0)$
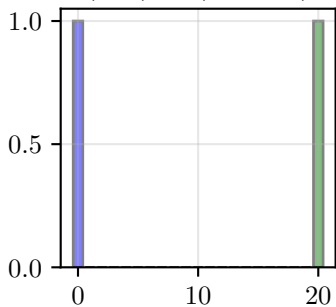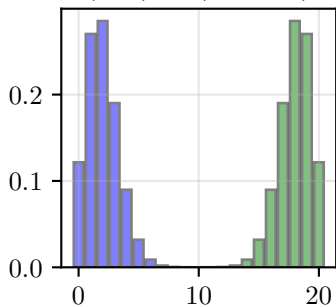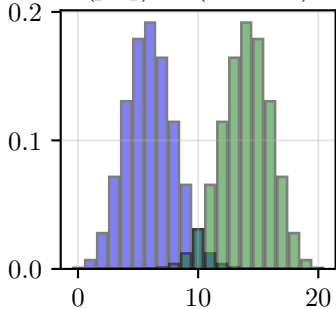
$(p, q) = (0.1, 0.9)$

$(p, q) = (0.3, 0.7)$

$(p, q) = (0.5, 0.5)$