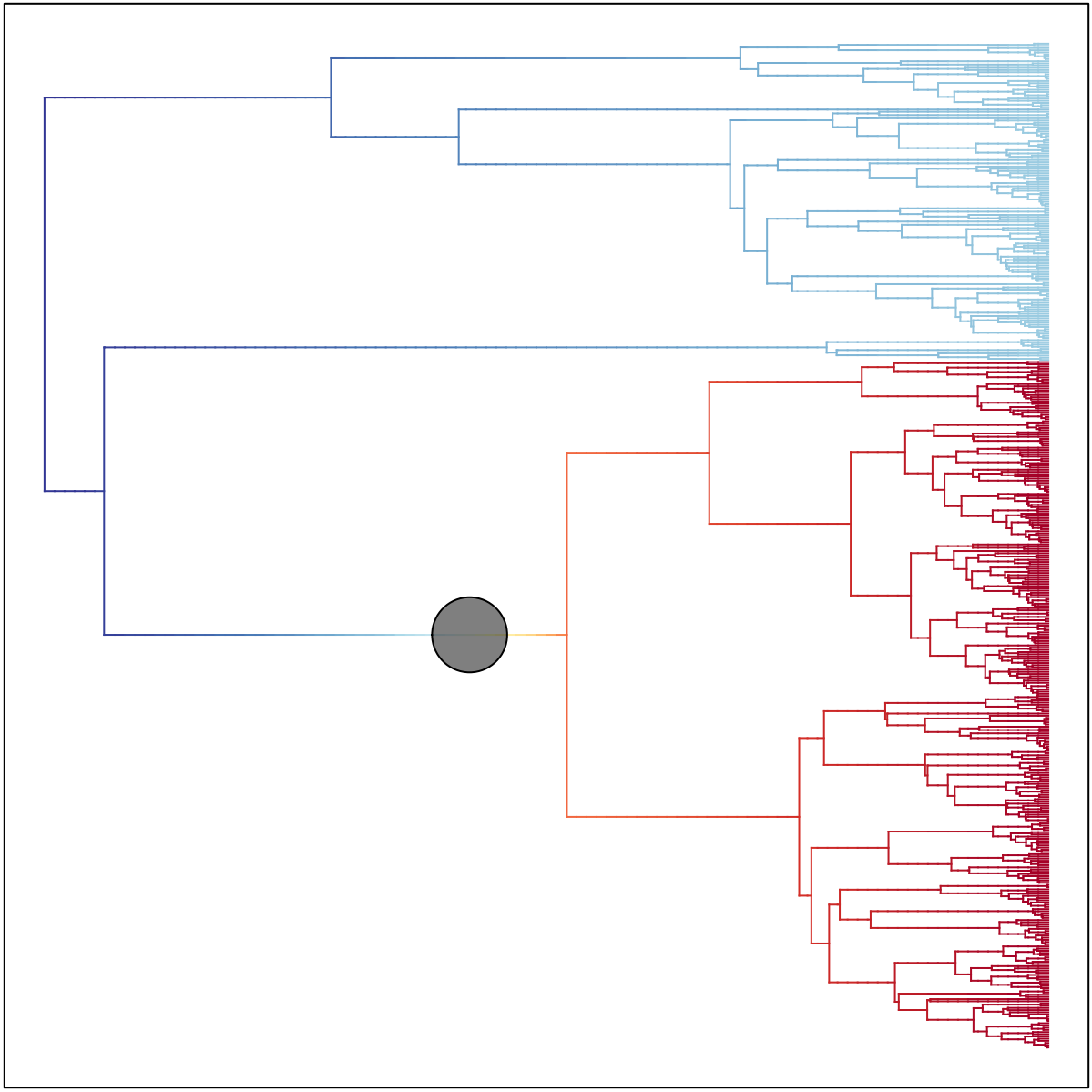f = 1