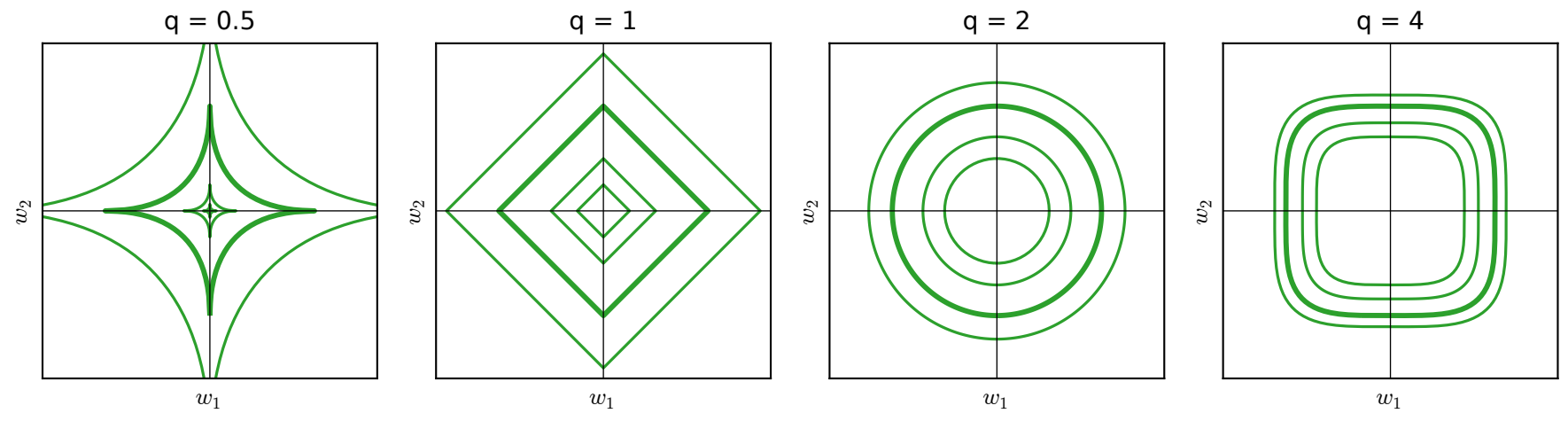

q = 0.5
q = 1
q = 2
q = 4
w_2
w_1