Logistic mix-up
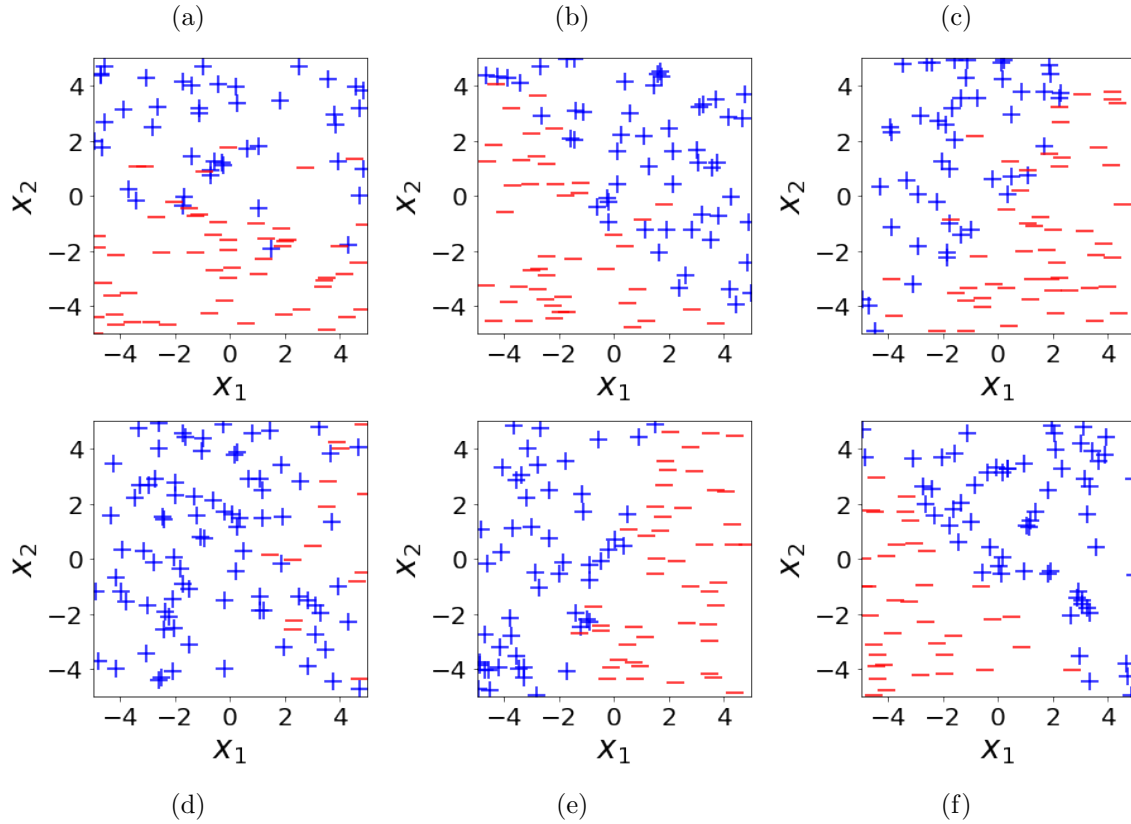
5. (6 points) Below we show six different data sets in 2-D. We learned an unregularized linear logistic classifier for each of them. But they all got mixed up! Please help us match each set of parameters to the data set they came from. (Each set of parameters is used exactly once.)

(a)

(b)

(c)

(d)

(e)

(f)

$\theta_1 = -6, \theta_2 = 2, \theta_0 = 0$
○ (a)   ○ (b)   ○ (c)   ○ (d)   √ **(e)**   ○ (f)

$\theta_1 = -1, \theta_2 = 1, \theta_0 = 0$
○ (a)   ○ (b)   √ **(c)**   ○ (d)   ○ (e)   ○ (f)

$\theta_1 = 0, \theta_2 = 1, \theta_0 = 0$
√ **(a)**   ○ (b)   ○ (c)   ○ (d)   ○ (e)   ○ (f)

$\theta_1 = 10, \theta_2 = 10, \theta_0 = 10$
○ (a)   ○ (b)   ○ (c)   ○ (d)   ○ (e)   √ **(f)**

$\theta_1 = -1, \theta_2 = 0, \theta_0 = 4$
○ (a)   ○ (b)   ○ (c)   √ **(d)**   ○ (e)   ○ (f)

$\theta_1 = 1, \theta_2 = 1, \theta_0 = 1$
○ (a)   √ **(b)**   ○ (c)   ○ (d)   ○ (e)   ○ (f)