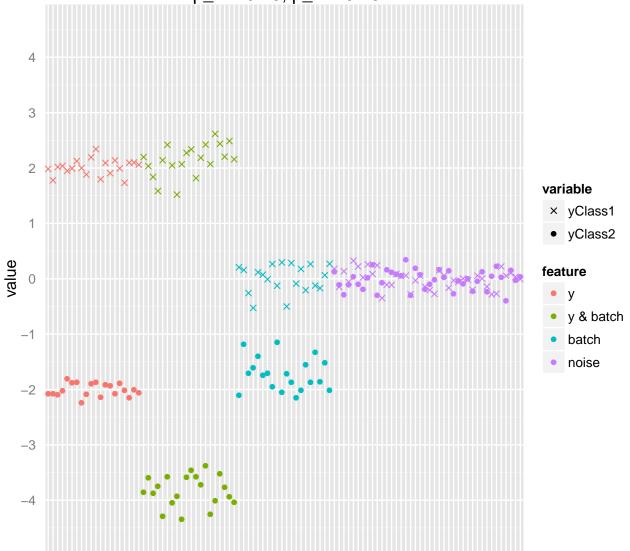Estimation of primary effects after adjustment
pi_1 = 0.4, pi_2 = 0.1
p_1 = 0.25, p_2 = 0.75