5 min

$$y = 1.291 + 0.412x_1 + 0.452x_2 + 0.064x_3$$

$$R = 0.883$$

2 min

$$y = 1.198 + 0.221x_1 + 0.147x_2 + 0.586x_3$$

$$R = 0.900$$

0 min

$$y = 2.270 + 0.104x_1 + 0.179x_2 + 0.606x_3$$

$$R = 0.866$$