

ML predicted yield effect relative to reference treatment [t/ha]

GB with district, refY and season

$$y = 0.0912 + 0.968 x, R^2 = 0.97$$

rmse = 0.75

GB without district, refY and season

$$y = 0.698 + 0.818 x, R^2 = 0.80$$

rmse = 1.83

RF with district, refY and season

$$y = -0.373 + 0.317 x, R^2 = 0.75$$

rmse = 4.42

RF without district, refY and season

$$y = -0.218 + 0.269 x, R^2 = 0.62$$

rmse = 4.61

Observed yield effect relative to reference treatment [t/ha]