linear regression line
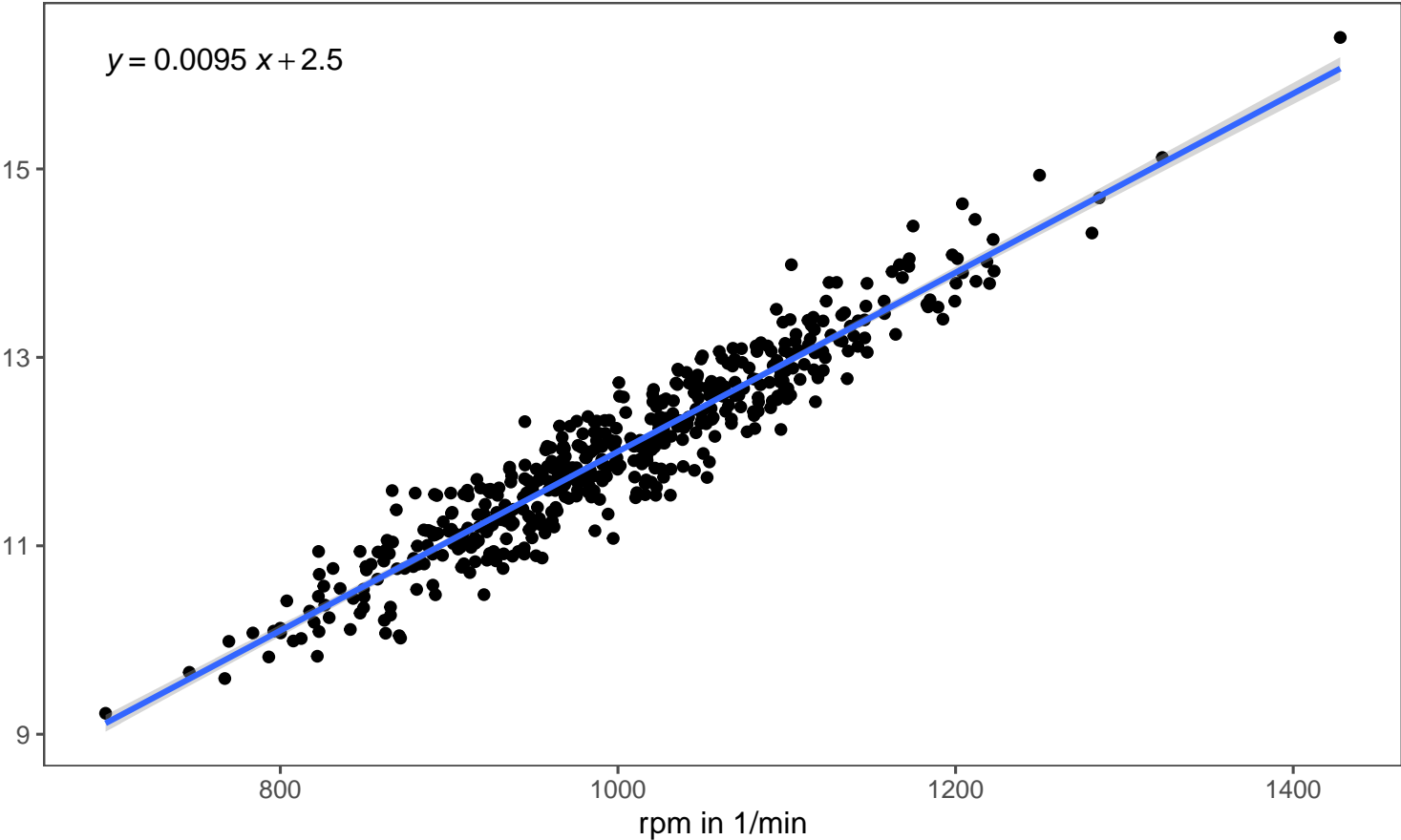
$y = 0.0095\,x + 2.5$

diameter in mm

rpm in 1/min