Turning Left (exponential)
Y axis = radius; X axis = steering input

$f(x) = 79.7569561141 \exp(0.0052038888\,x)$
$R^2 = 0.9827636023$
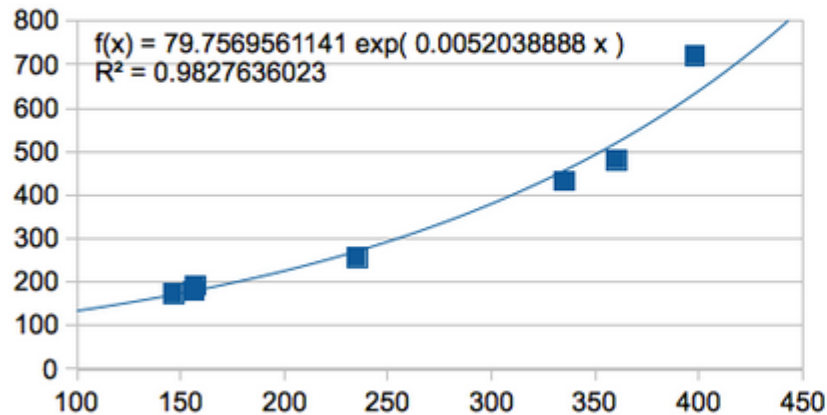
Turning Right (Exponential)
Y axis = radius; X axis = steering input

$f(x) = 2756.513587763 \exp(-0.0032099198\,x)$
$R^2 = 0.9423763993$
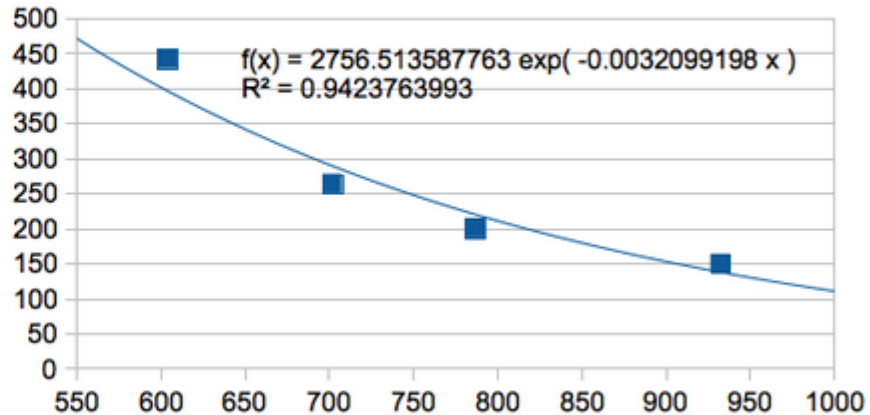
Steering Deadband
from 400-600