Comparing Linear and Non-Linear Regressions

$y = 0.00 \, x + 0.70$
$R^2 = 0.352$

$y = -0.00 \, x^2 + 0.01 \, x + 0.64$
$R^2 = 0.355$

$y = 0.21 \, x^{0.35}$
$R^2 = 0.352$

Legend:
- Linear
- Quadratic Polynomial
- Power-function

X-axis: May-June Precipitation Totals

Y-axis: Ring-width