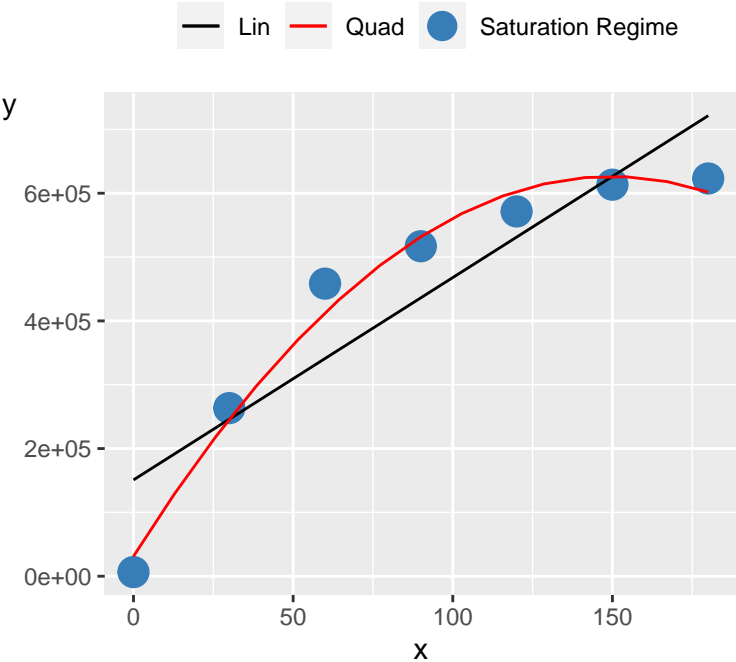
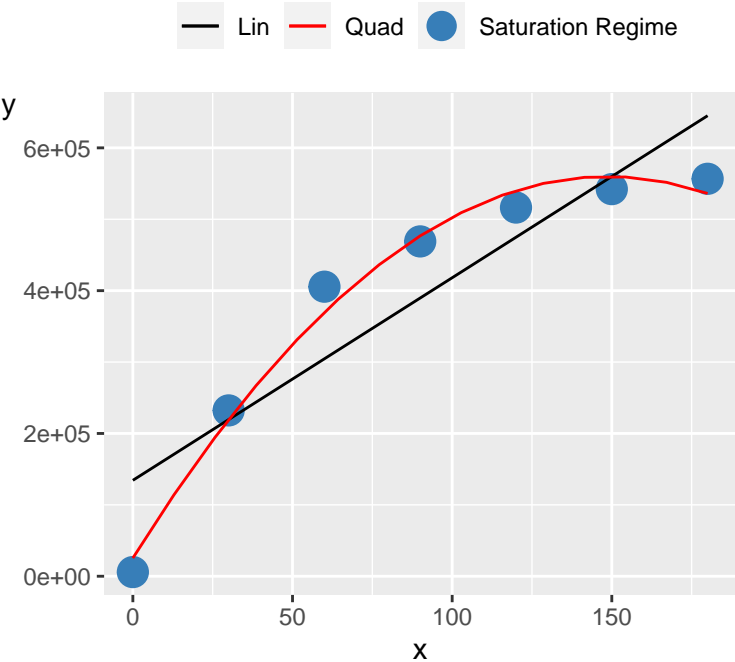


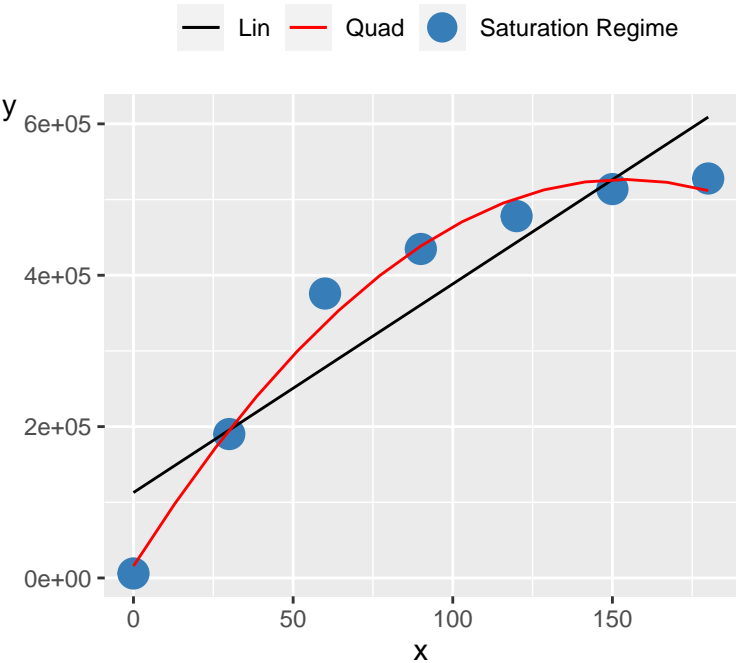
Saturation Regime 001



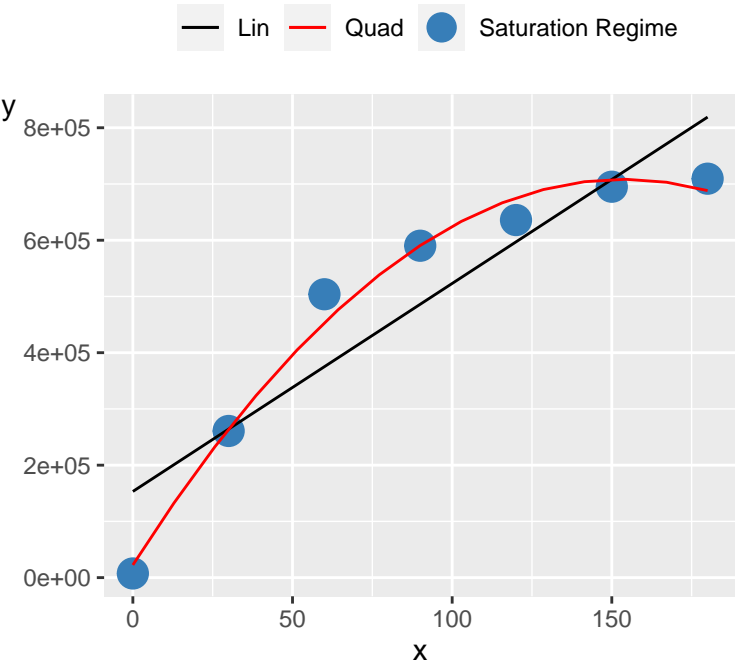
Saturation Regime 002



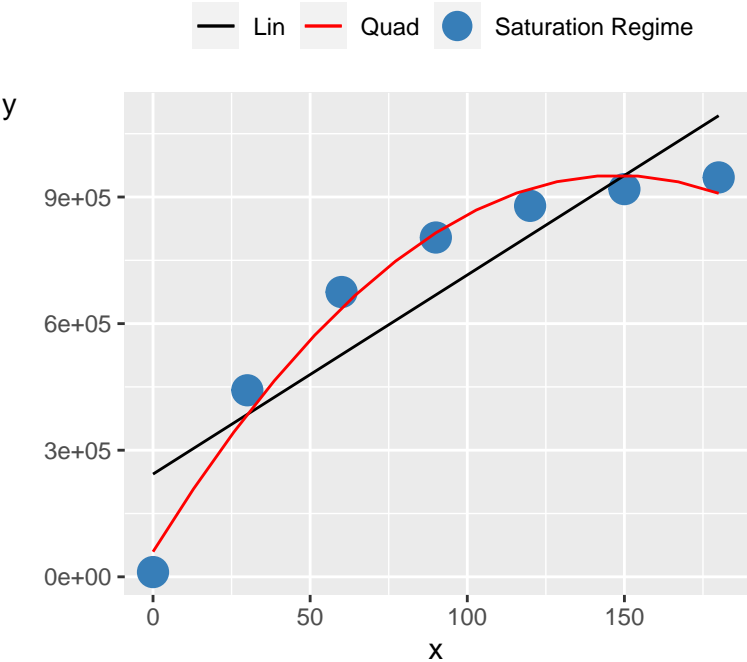
Saturation Regime 003



Saturation Regime 004

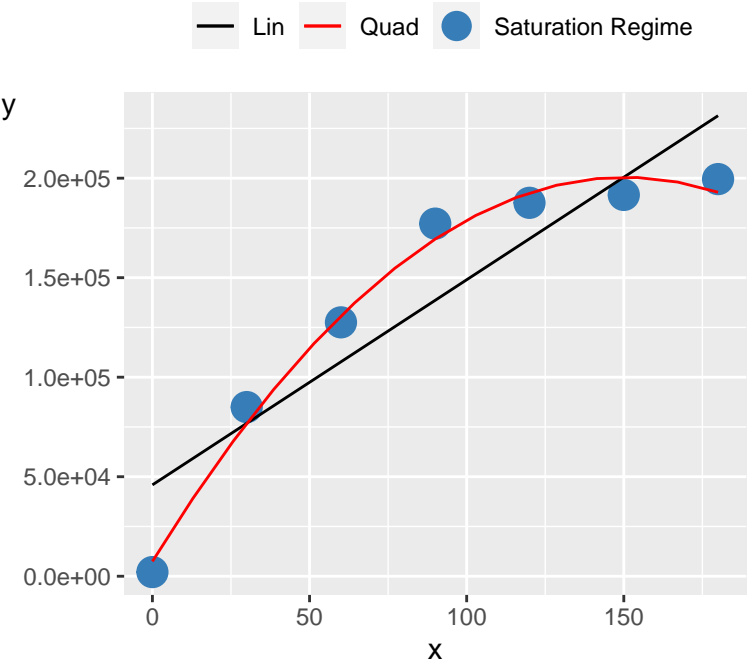


Saturation Regime 005



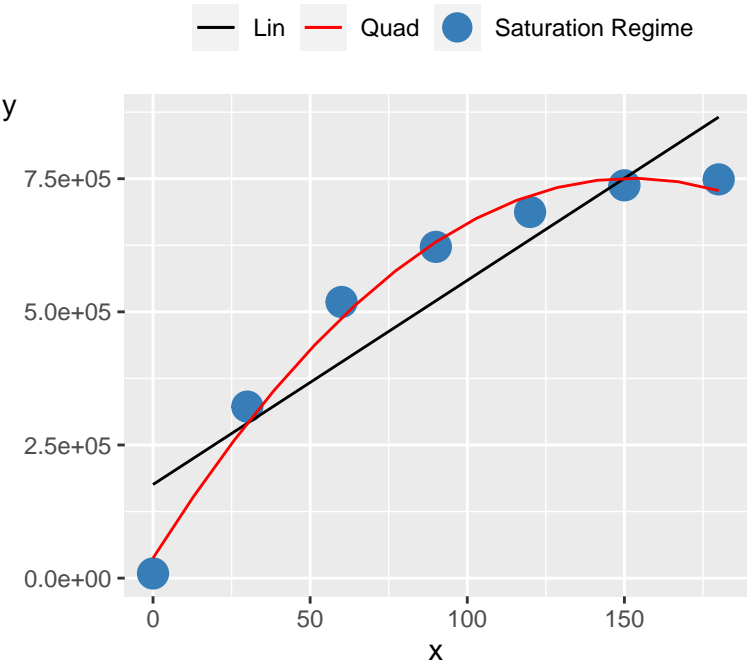
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.90              |
| pra_linear    | 70.61             |
| mandel_p_val  | 3.17e-03          |
| concavity     | -40.87            |
| r2_linear     | 0.82              |
| r2_adj_linear | 0.78              |
| mandel_stats  | 40.21             |

Saturation Regime 006



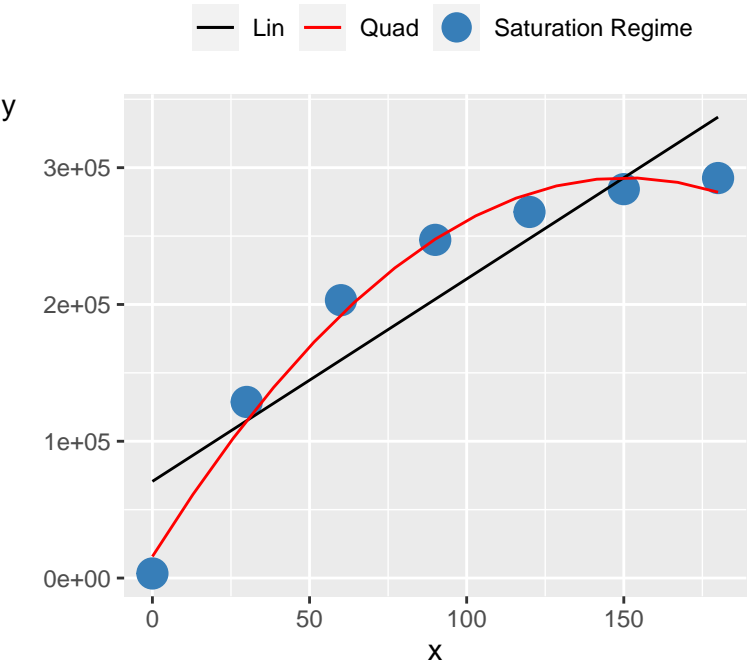
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 71.73             |
| mandel_p_val  | 1.35e-03          |
| concavity     | -8.55             |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 63.32             |

Saturation Regime 007



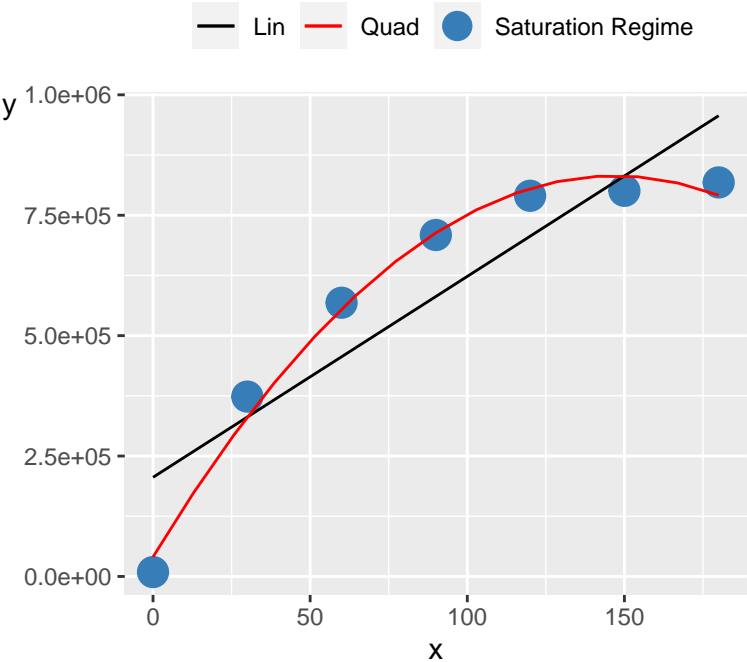
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 71.71             |
| mandel_p_val  | 1.57e-03          |
| concavity     | -30.67            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 58.49             |

Saturation Regime 008



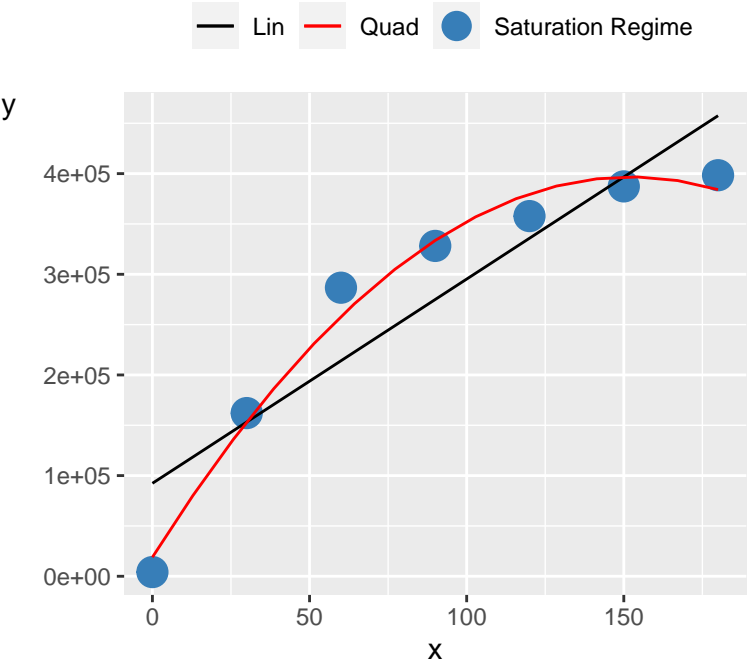
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 71.23             |
| mandel_p_val  | 2.14e-03          |
| concavity     | -12.20            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 49.64             |

Saturation Regime 009



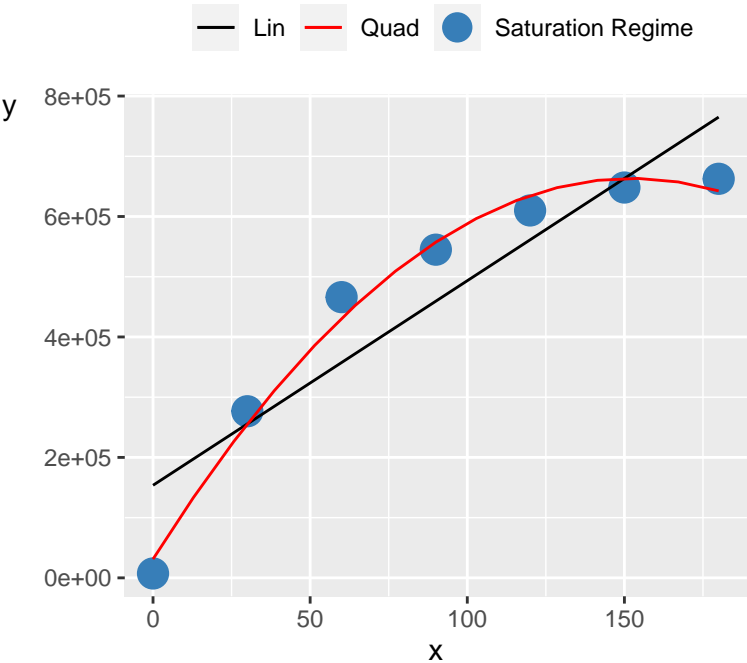
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 69.92             |
| mandel_p_val  | 9.74e-04          |
| concavity     | -36.72            |
| r2_linear     | 0.82              |
| r2_adj_linear | 0.78              |
| mandel_stats  | 75.17             |

Saturation Regime 010



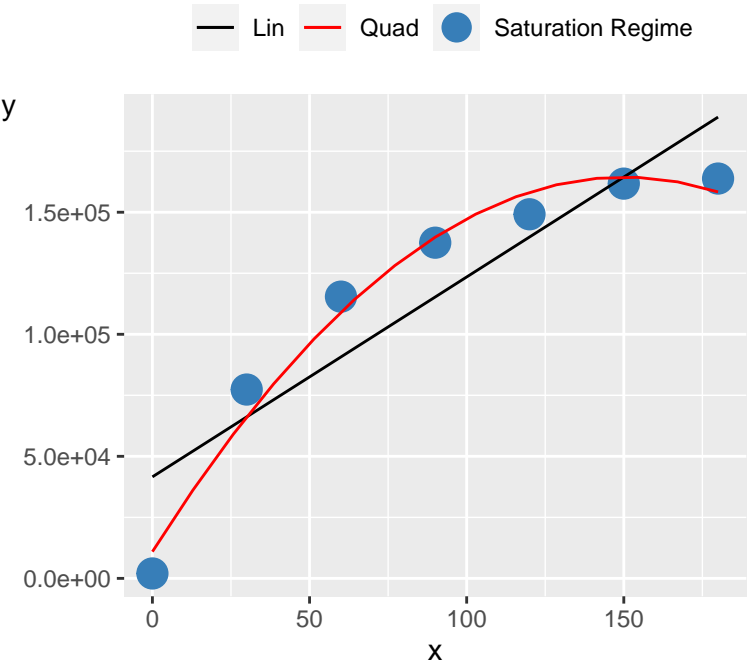
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 67.24             |
| mandel_p_val  | 3.56e-03          |
| concavity     | -16.31            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 37.74             |

Saturation Regime 011



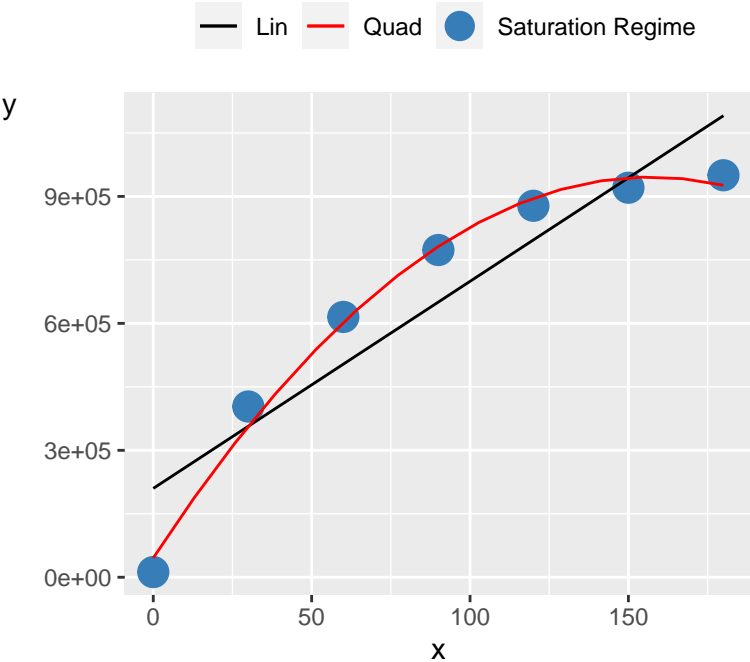
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 69.74             |
| mandel_p_val  | 1.74e-03          |
| concavity     | -27.23            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 55.43             |

Saturation Regime 012



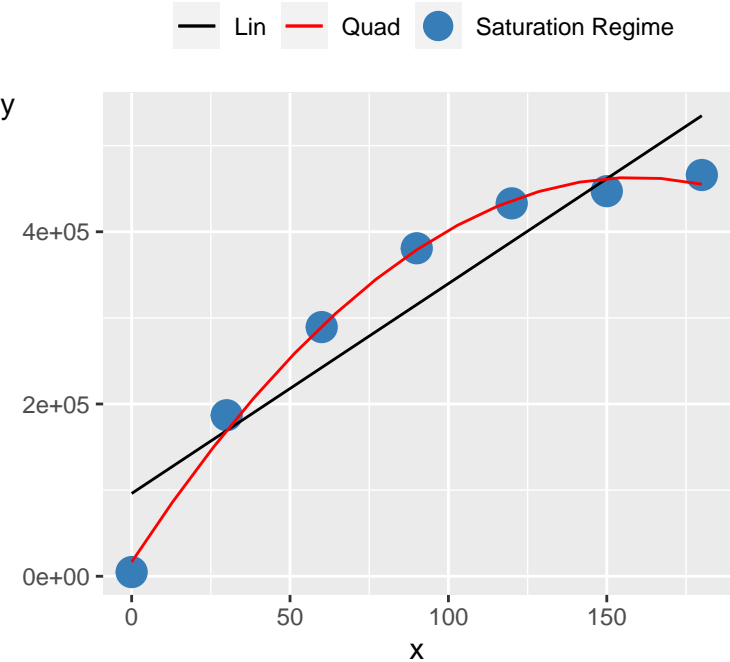
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 73.60             |
| mandel_p_val  | 4.28e-03          |
| concavity     | -6.81             |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 34.14             |

Saturation Regime 013



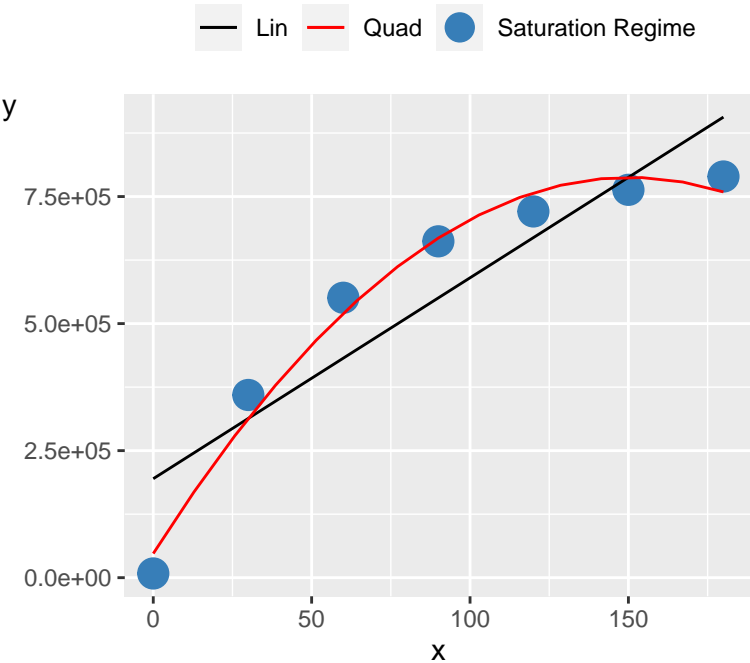
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 76.98             |
| mandel_p_val  | 1.03e-03          |
| concavity     | -36.52            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.84              |
| mandel_stats  | 73.08             |

Saturation Regime 014



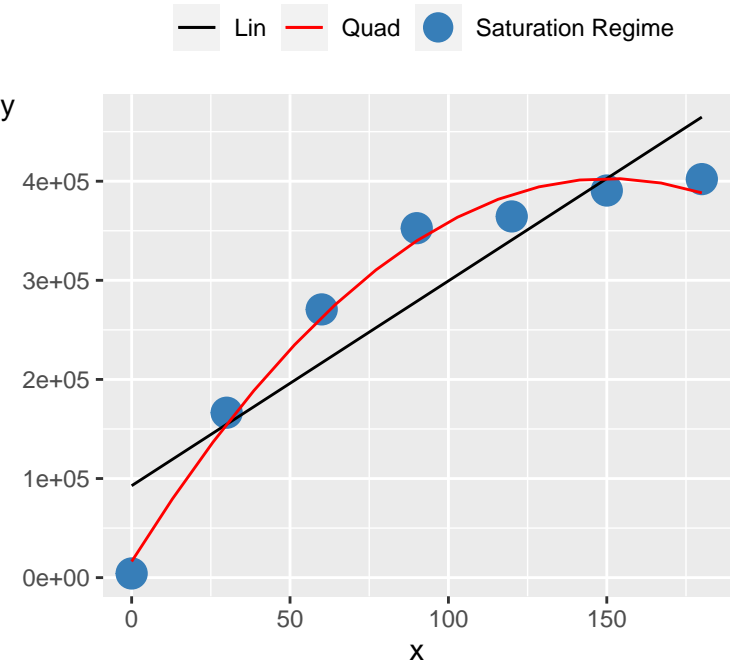
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 77.09             |
| mandel_p_val  | 4.90e-04          |
| concavity     | -17.68            |
| r2_linear     | 0.87              |
| r2_adj_linear | 0.85              |
| mandel_stats  | 107.38            |

Saturation Regime 015



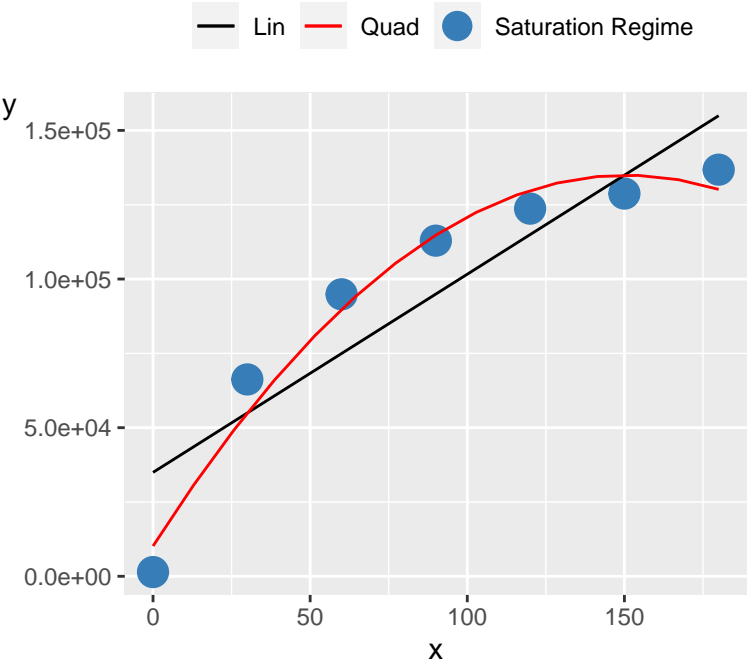
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 72.62             |
| mandel_p_val  | 3.39e-03          |
| concavity     | -32.72            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 38.77             |

Saturation Regime 016



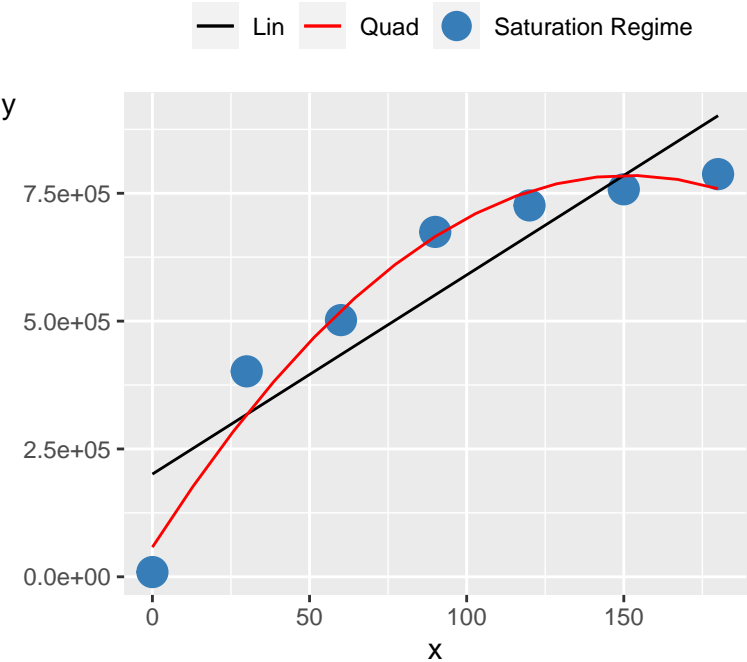
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 69.73             |
| mandel_p_val  | 1.56e-03          |
| concavity     | -16.99            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 58.70             |

Saturation Regime 017



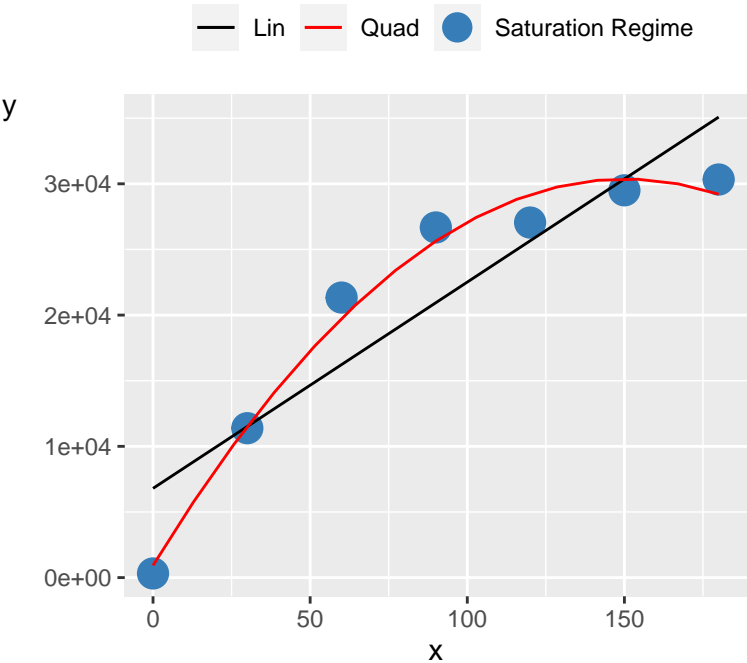
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 75.74             |
| mandel_p_val  | 8.42e-03          |
| concavity     | -5.51             |
| r2_linear     | 0.82              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 23.39             |

Saturation Regime 018



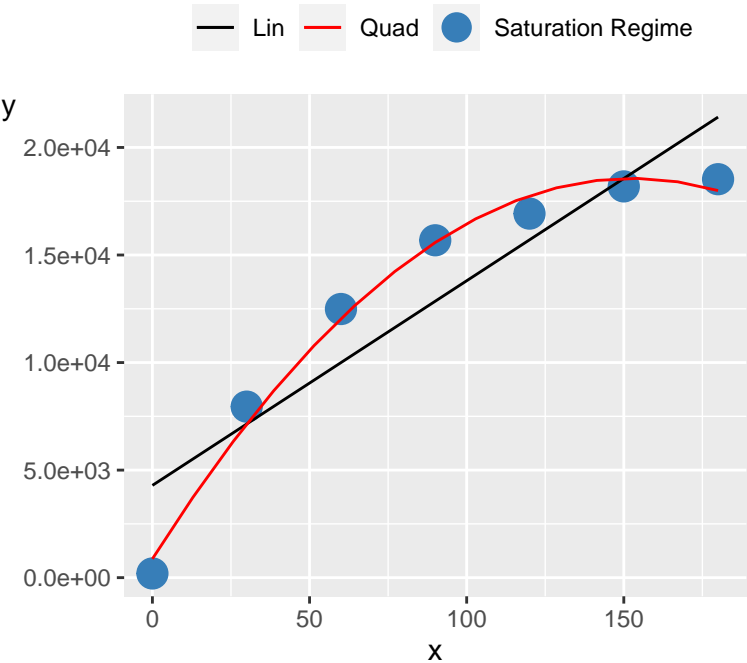
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 79.07             |
| mandel_p_val  | 9.02e-03          |
| concavity     | -31.73            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 22.50             |

Saturation Regime 019



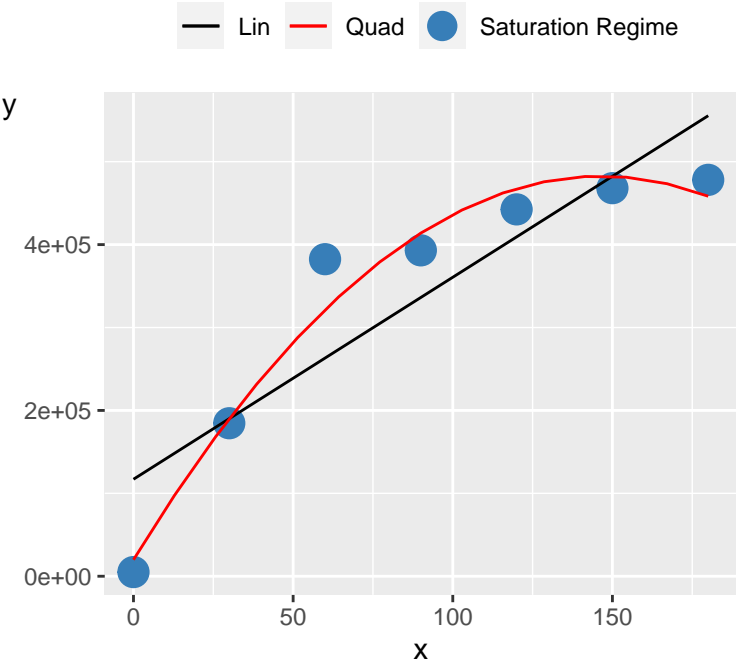
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 63.41             |
| mandel_p_val  | 2.67e-03          |
| concavity     | -1.30             |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 44.08             |

Saturation Regime 020



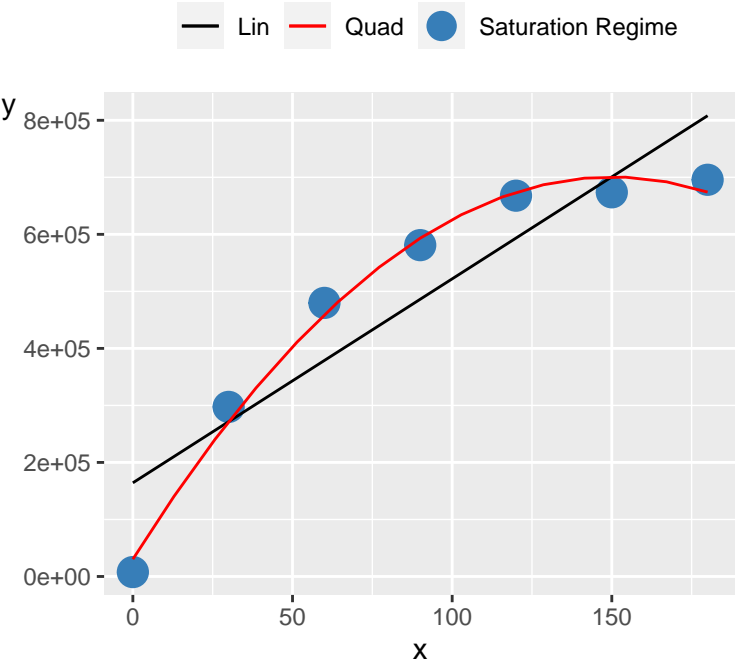
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 72.81             |
| mandel_p_val  | 1.29e-03          |
| concavity     | -0.76             |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 64.76             |

Saturation Regime 021



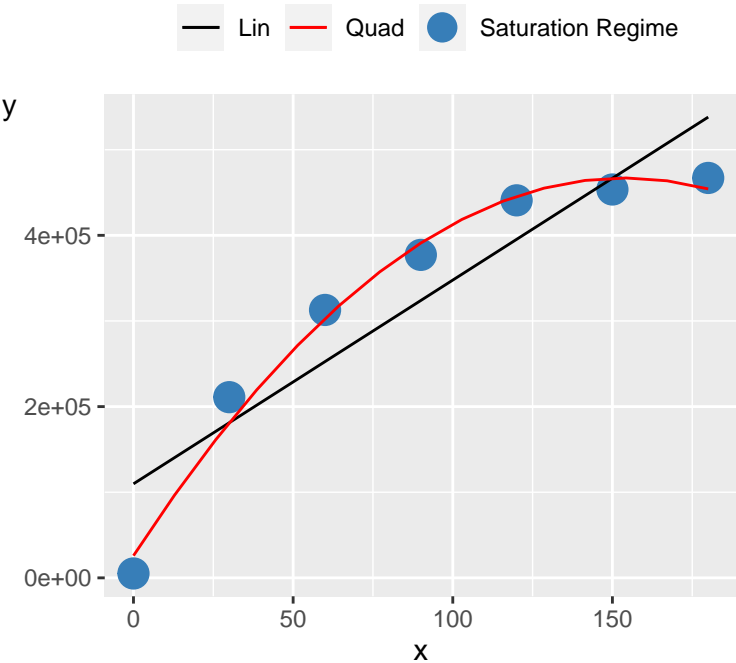
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.89              |
| pra_linear    | 55.31             |
| mandel_p_val  | 9.01e-03          |
| concavity     | -21.58            |
| r2_linear     | 0.80              |
| r2_adj_linear | 0.76              |
| mandel_stats  | 22.50             |

Saturation Regime 022



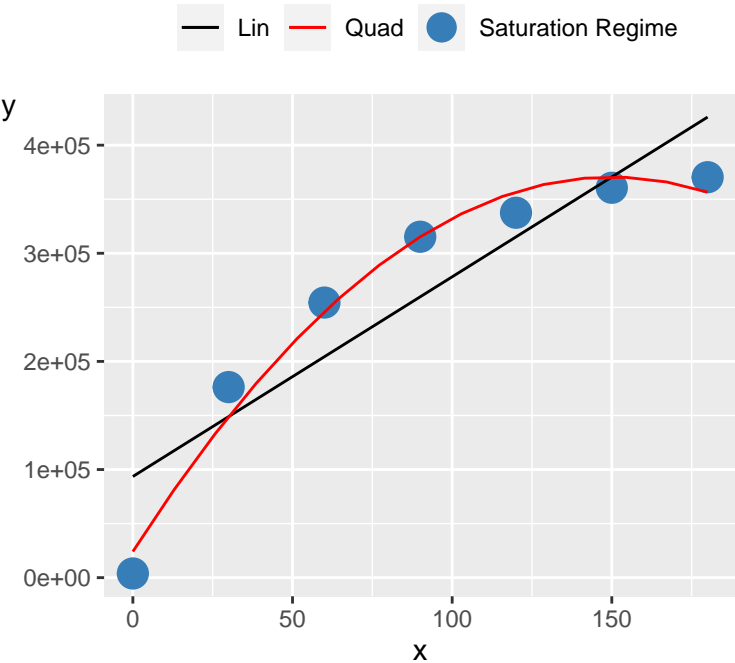
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 69.87             |
| mandel_p_val  | 8.48e-04          |
| concavity     | -29.76            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 80.79             |

Saturation Regime 023



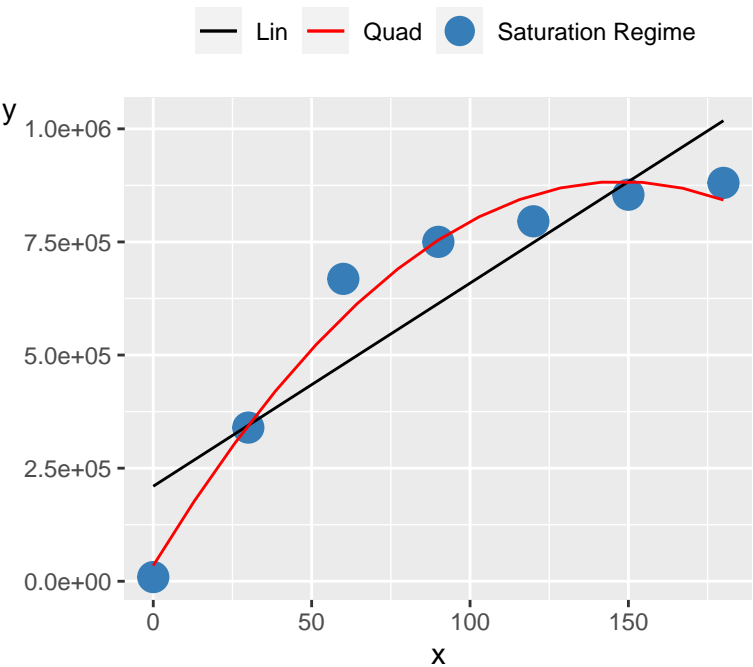
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 76.89             |
| mandel_p_val  | 2.29e-03          |
| concavity     | -18.64            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 47.88             |

Saturation Regime 024

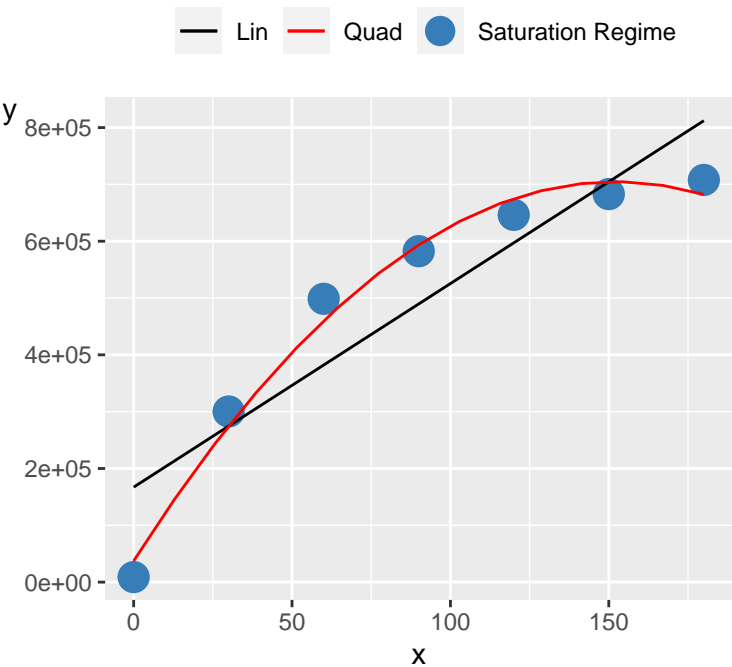


|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 75.13             |
| mandel_p_val  | 4.25e-03          |
| concavity     | -15.42            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 34.24             |

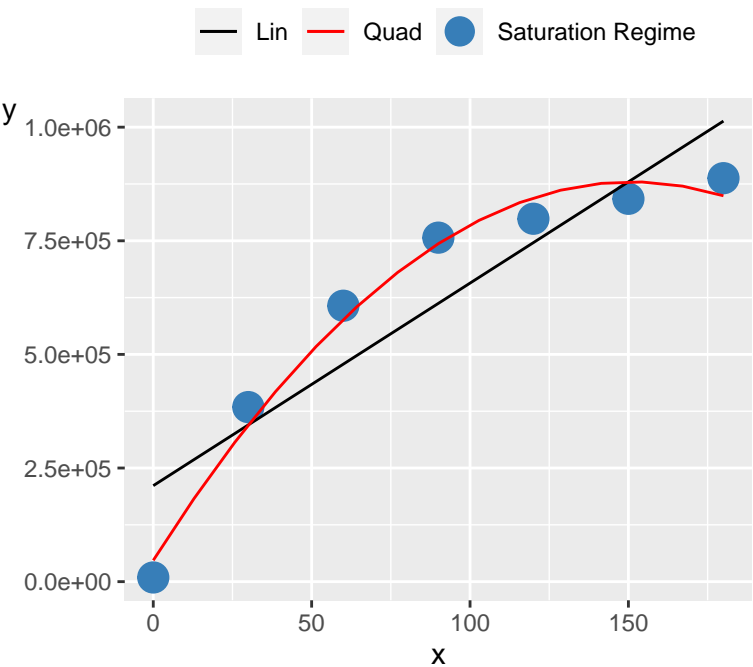
Saturation Regime 025



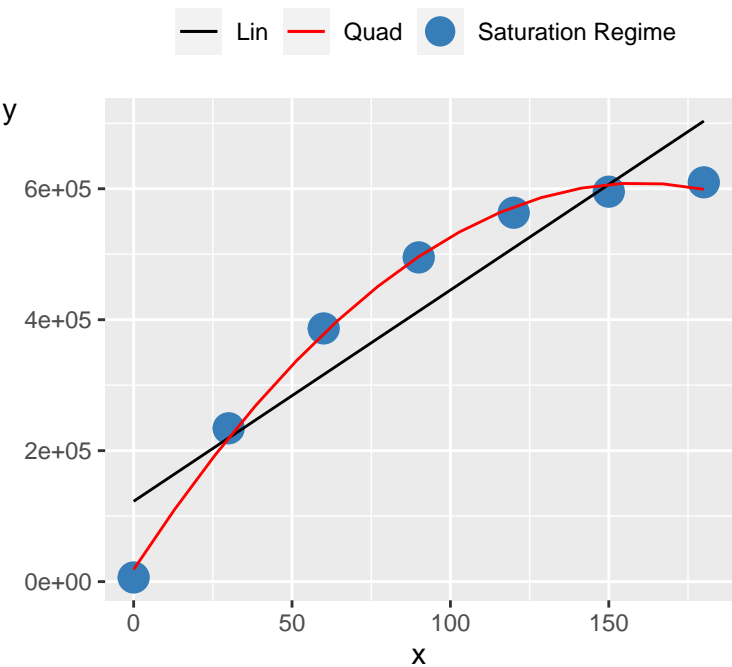
Saturation Regime 026



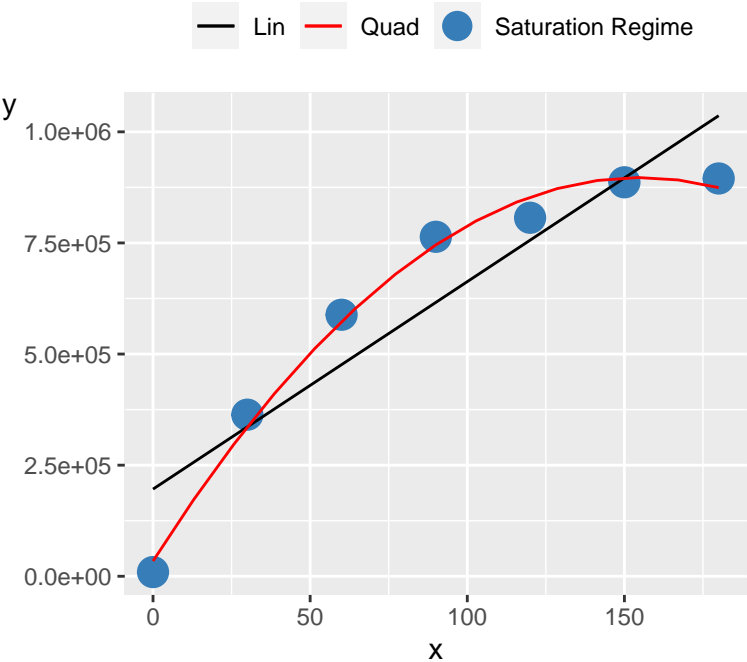
Saturation Regime 027



Saturation Regime 028

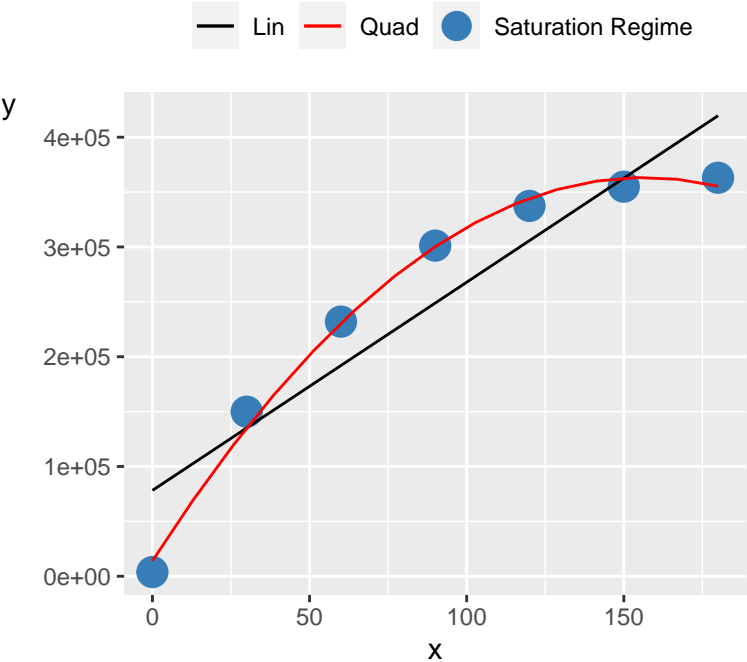


Saturation Regime 029



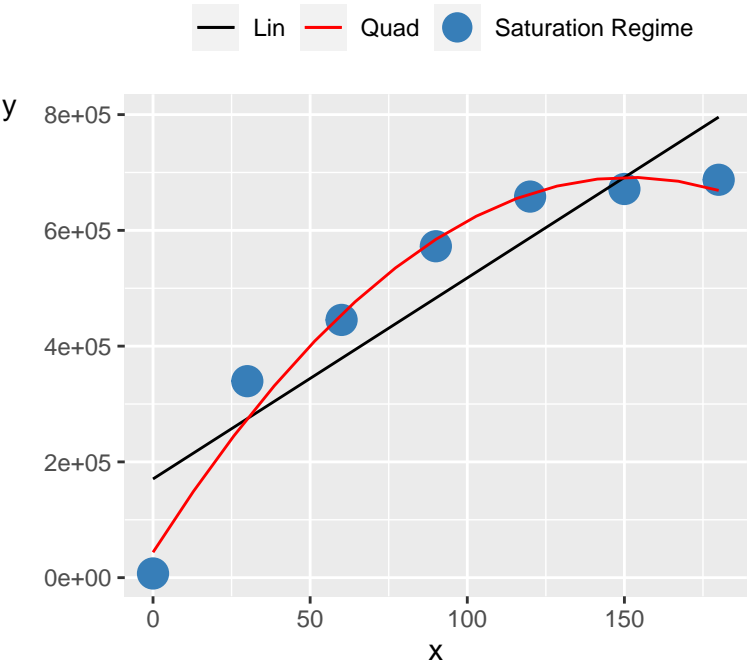
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 72.75             |
| mandel_p_val  | 9.51e-04          |
| concavity     | -35.95            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 76.09             |

Saturation Regime 030



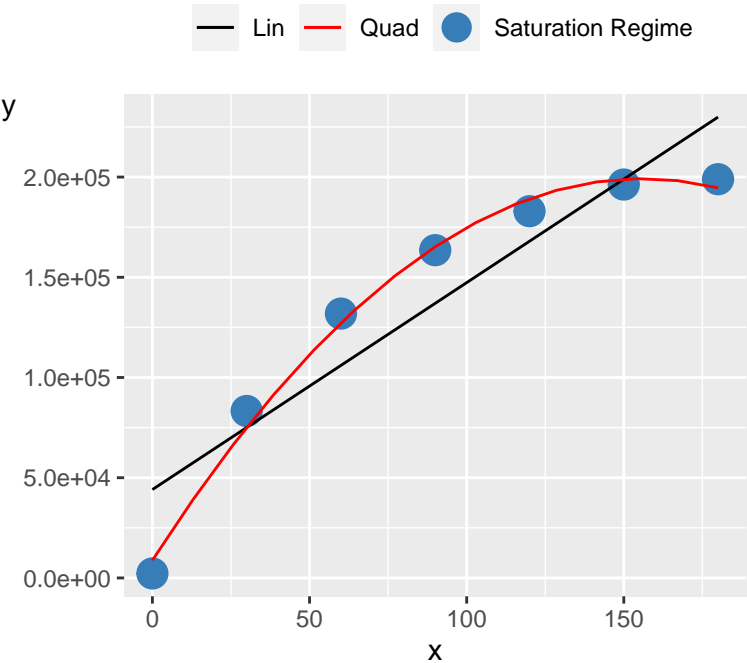
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 75.95             |
| mandel_p_val  | 4.49e-04          |
| concavity     | -14.27            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.84              |
| mandel_stats  | 112.33            |

Saturation Regime 031



|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 79.34             |
| mandel_p_val  | 4.55e-03          |
| concavity     | -28.15            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 33.01             |

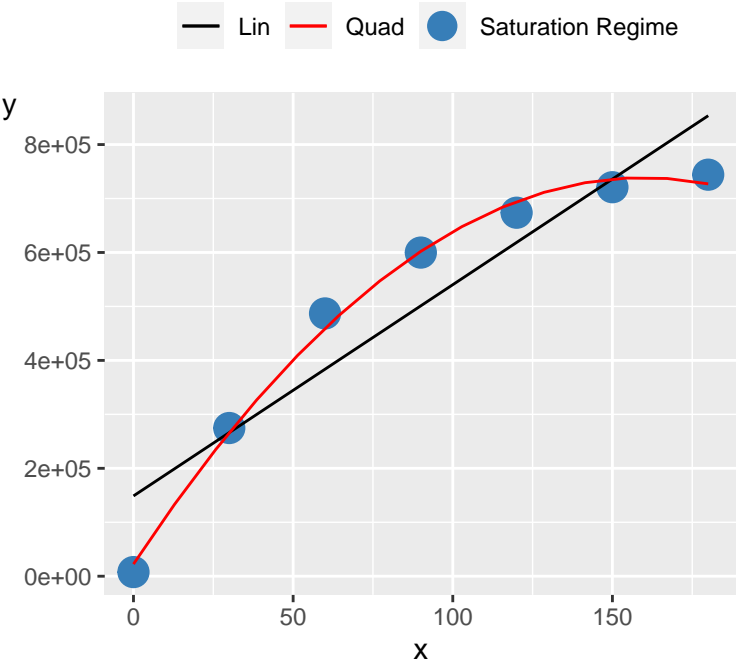
Saturation Regime 032



|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 74.60             |
| mandel_p_val  | 7.90e-04          |
| concavity     | -7.84             |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 83.82             |

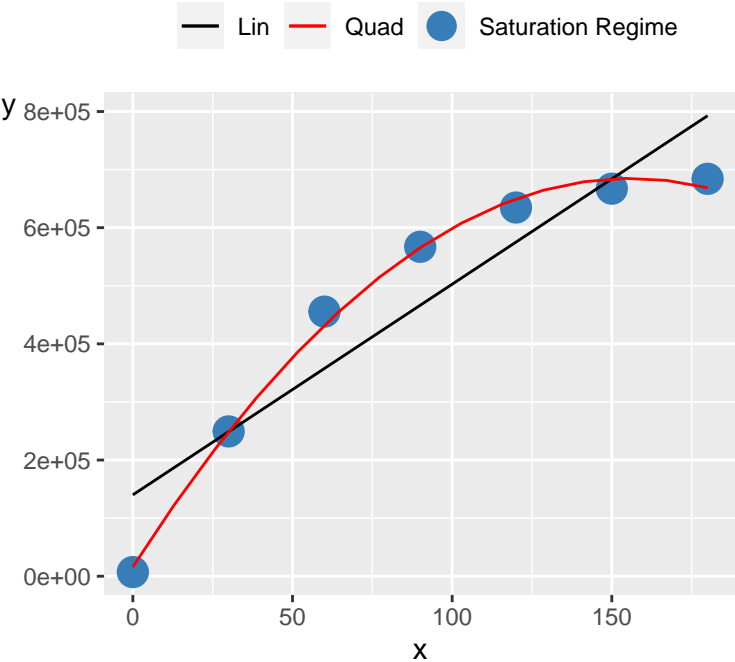


Saturation Regime 033



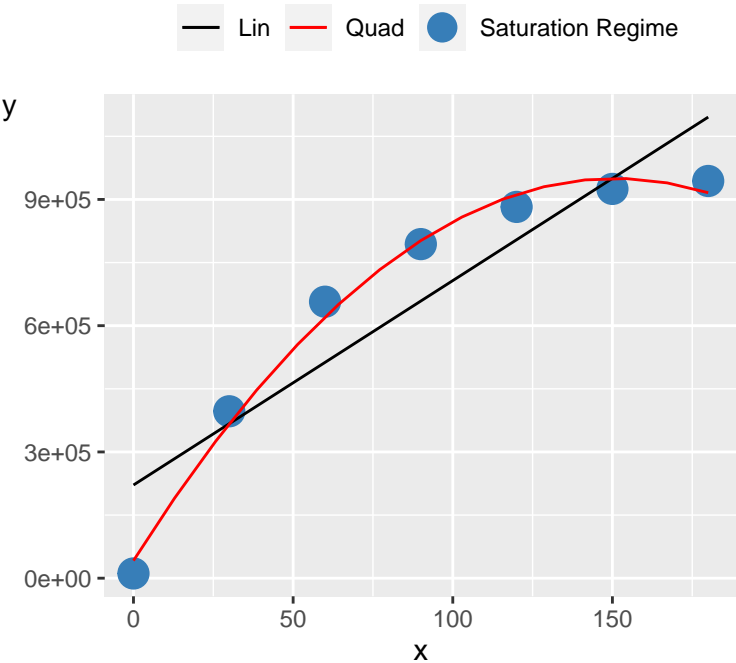
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 72.49             |
| mandel_p_val  | 4.91e-04          |
| concavity     | -28.07            |
| r2_linear     | 0.87              |
| r2_adj_linear | 0.85              |
| mandel_stats  | 107.24            |

Saturation Regime 034



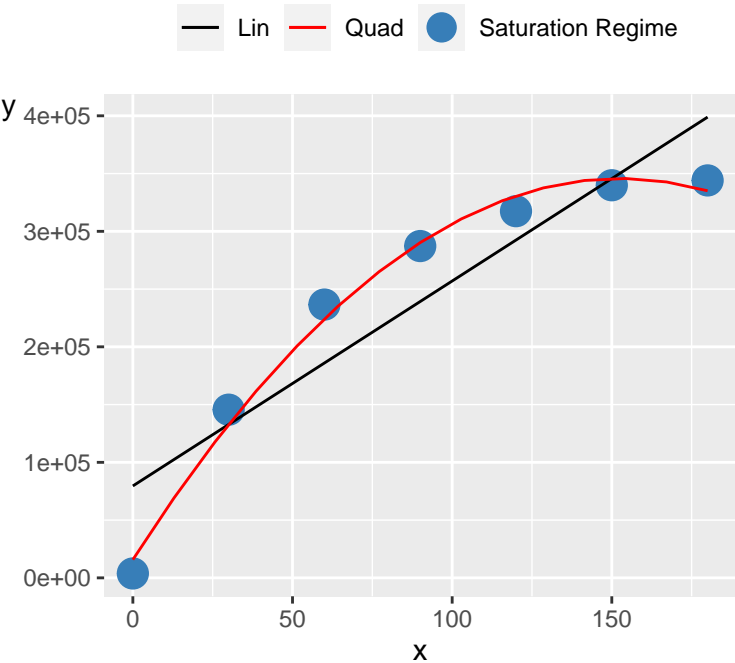
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 69.29             |
| mandel_p_val  | 2.54e-04          |
| concavity     | -27.55            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 150.30            |

Saturation Regime 035



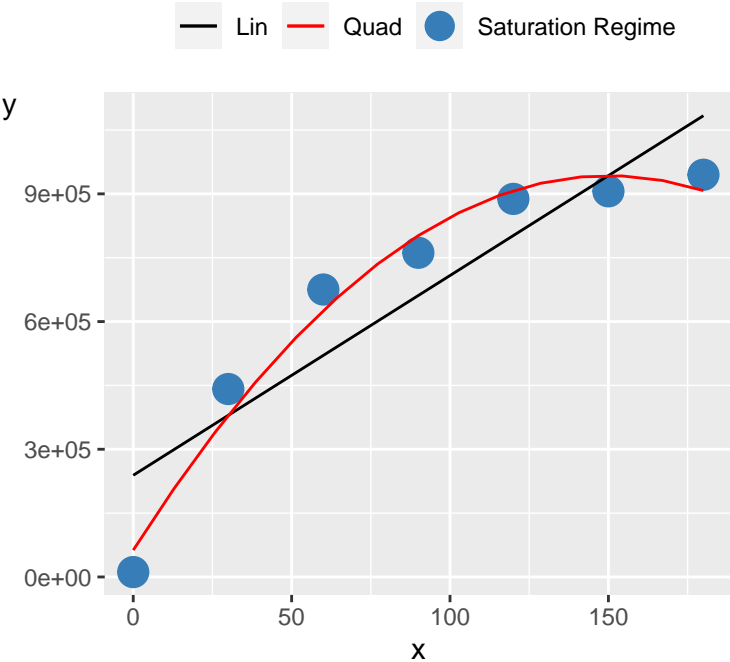
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 69.40             |
| mandel_p_val  | 8.82e-04          |
| concavity     | -39.92            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 79.17             |

Saturation Regime 036



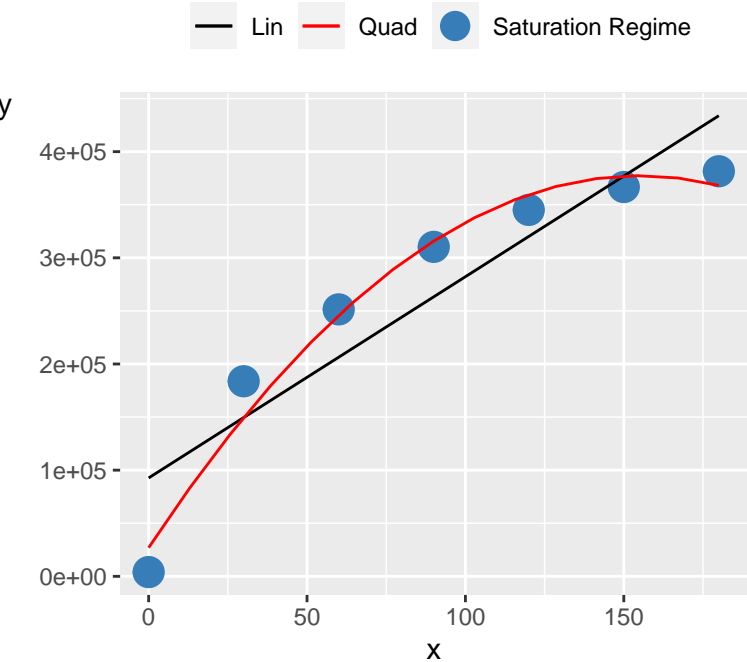
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 71.38             |
| mandel_p_val  | 1.05e-03          |
| concavity     | -14.18            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 72.15             |

Saturation Regime 037



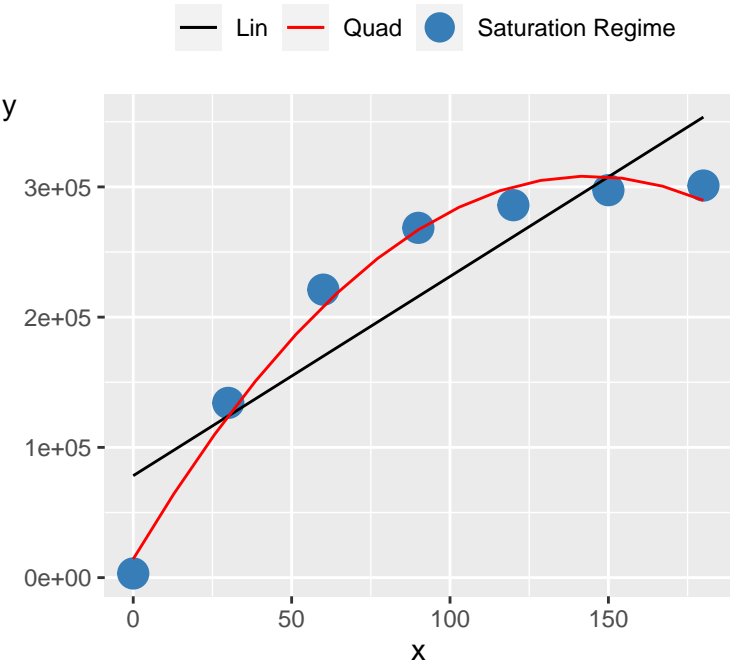
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 72.56             |
| mandel_p_val  | 5.27e-03          |
| concavity     | -39.09            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 30.43             |

Saturation Regime 038



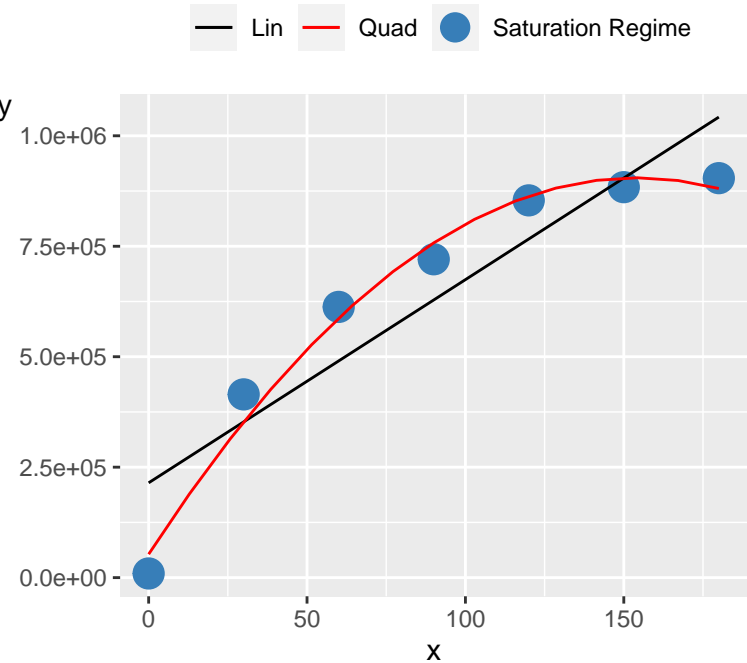
|               |                   |
|---------------|-------------------|
| wf1_group     | Good Linearity    |
| wf2_group     | Good Linearity    |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 81.51             |
| mandel_p_val  | 7.12e-03          |
| concavity     | -14.59            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 25.73             |

Saturation Regime 039



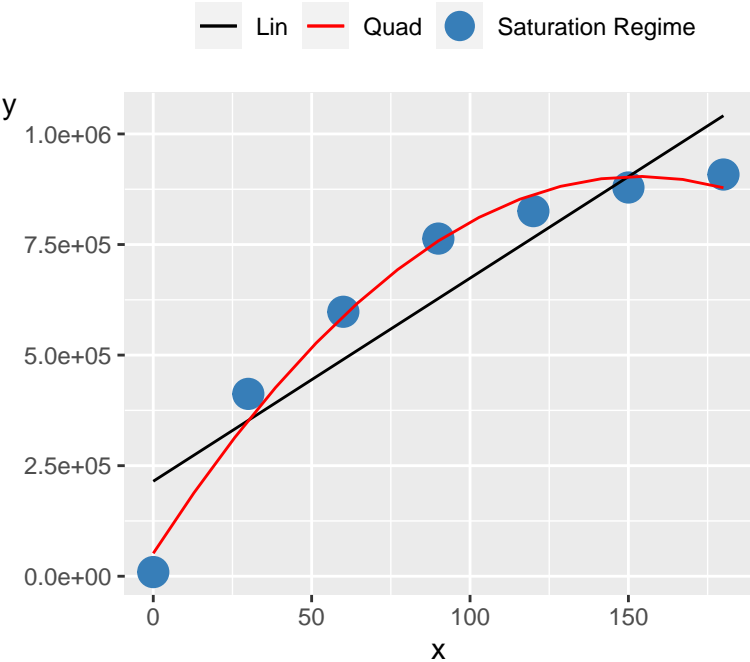
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.90              |
| pra_linear    | 63.13             |
| mandel_p_val  | 1.23e-03          |
| concavity     | -14.21            |
| r2_linear     | 0.80              |
| r2_adj_linear | 0.76              |
| mandel_stats  | 66.63             |

Saturation Regime 040



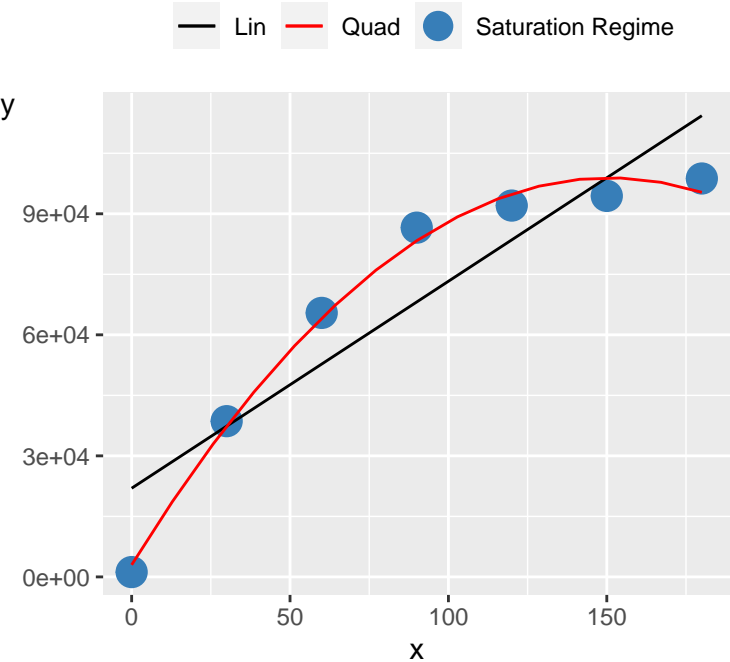
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 77.37             |
| mandel_p_val  | 3.26e-03          |
| concavity     | -35.90            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 39.60             |

Saturation Regime 041



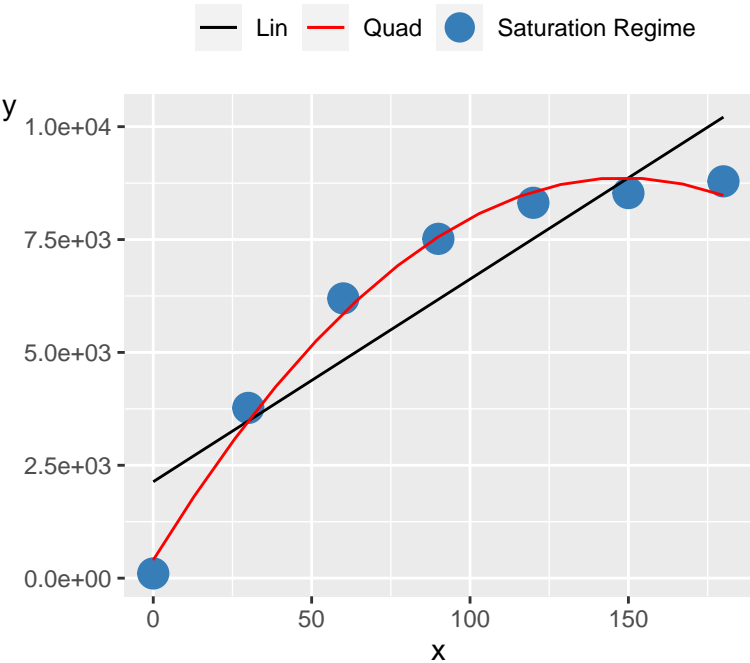
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 77.12             |
| mandel_p_val  | 2.89e-03          |
| concavity     | -36.19            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 42.24             |

Saturation Regime 042



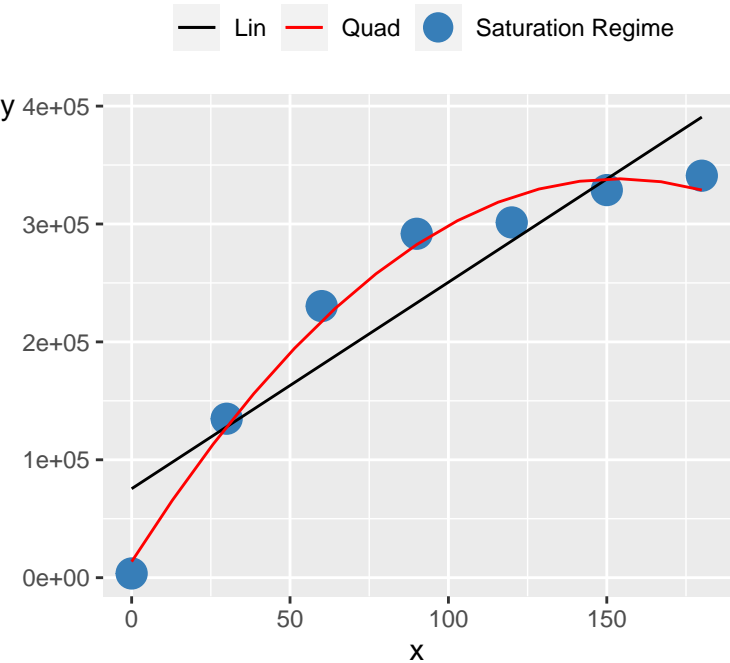
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 67.41             |
| mandel_p_val  | 7.71e-04          |
| concavity     | -4.22             |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 84.91             |

Saturation Regime 043



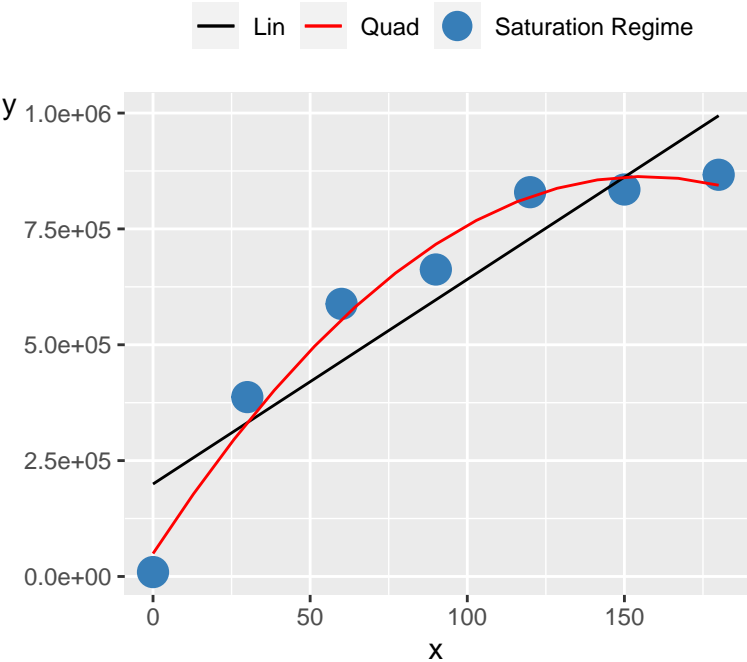
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 67.29             |
| mandel_p_val  | 1.03e-03          |
| concavity     | -0.39             |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 73.03             |

Saturation Regime 044



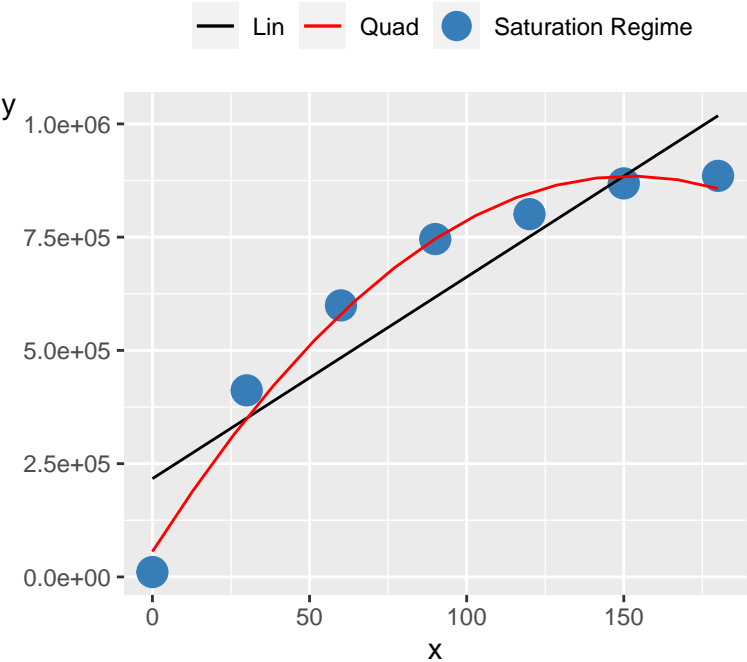
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 69.66             |
| mandel_p_val  | 2.33e-03          |
| concavity     | -13.75            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 47.39             |

Saturation Regime 045



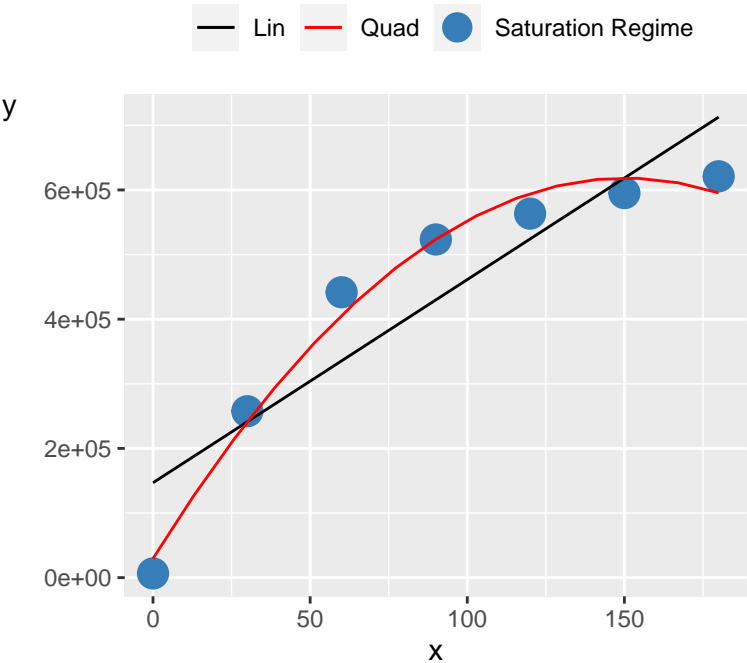
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 77.62             |
| mandel_p_val  | 5.39e-03          |
| concavity     | -33.34            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 30.04             |

Saturation Regime 046



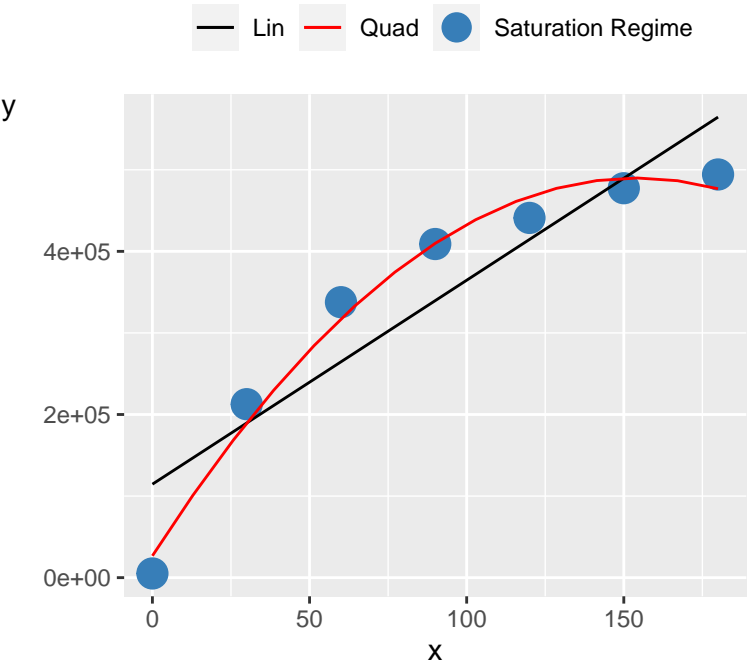
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 76.14             |
| mandel_p_val  | 3.69e-03          |
| concavity     | -35.77            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 37.01             |

Saturation Regime 047



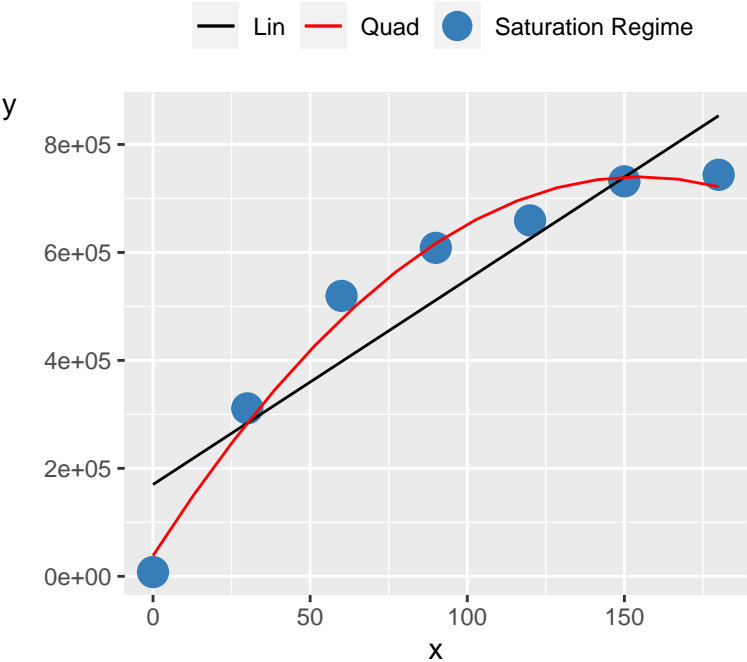
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 66.76             |
| mandel_p_val  | 2.75e-03          |
| concavity     | -26.06            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 43.43             |

Saturation Regime 048



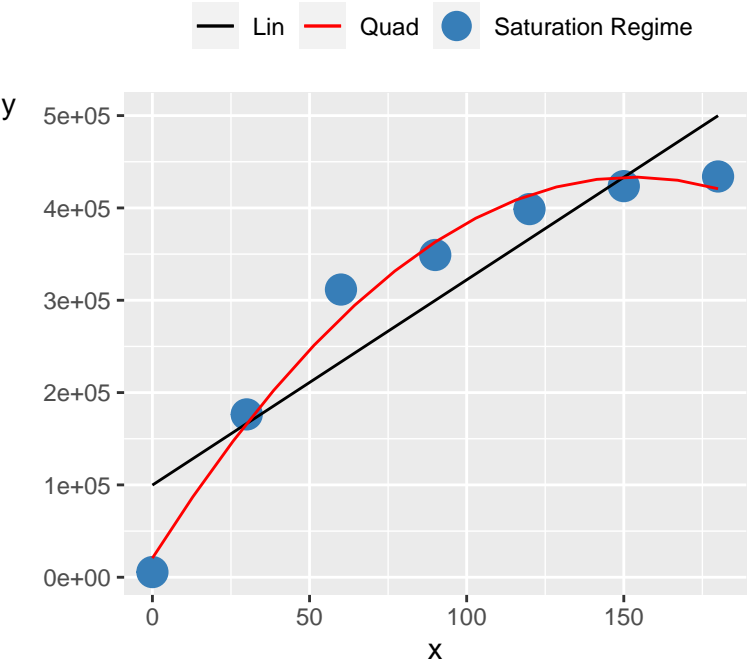
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 73.26             |
| mandel_p_val  | 3.14e-03          |
| concavity     | -19.51            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 40.43             |

Saturation Regime 049



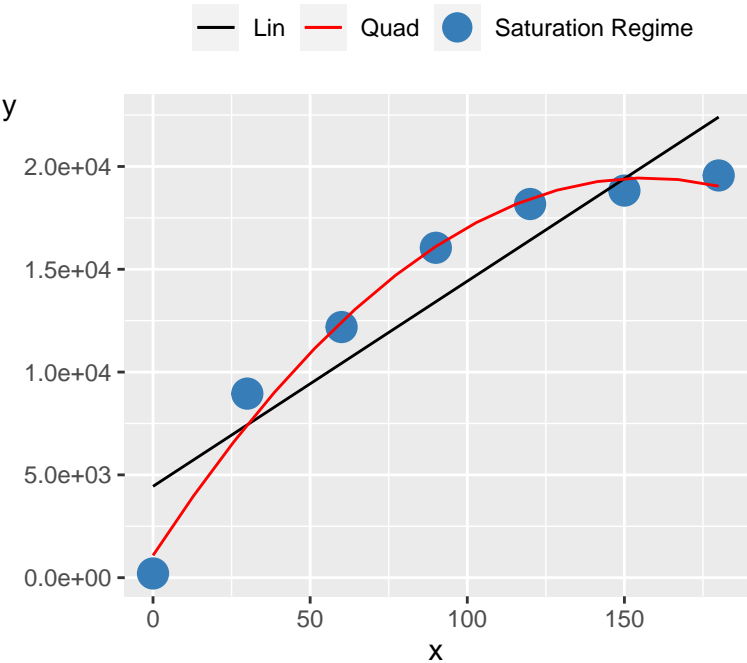
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 71.45             |
| mandel_p_val  | 3.56e-03          |
| concavity     | -29.26            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 37.74             |

Saturation Regime 050



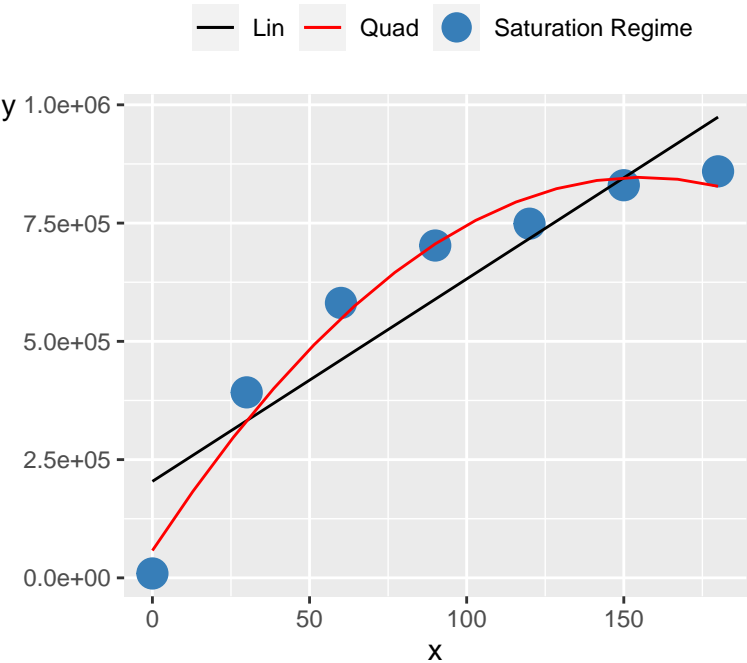
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 68.30             |
| mandel_p_val  | 2.88e-03          |
| concavity     | -17.58            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 42.36             |

Saturation Regime 051



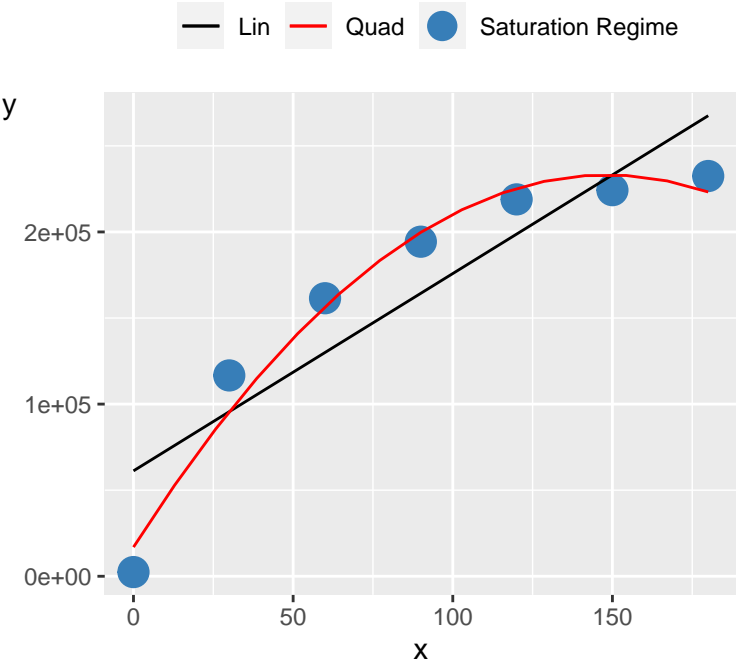
|               |                   |
|---------------|-------------------|
| wf1_group     | Good Linearity    |
| wf2_group     | Good Linearity    |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 80.38             |
| mandel_p_val  | 3.23e-03          |
| concavity     | -0.75             |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 39.77             |

Saturation Regime 052



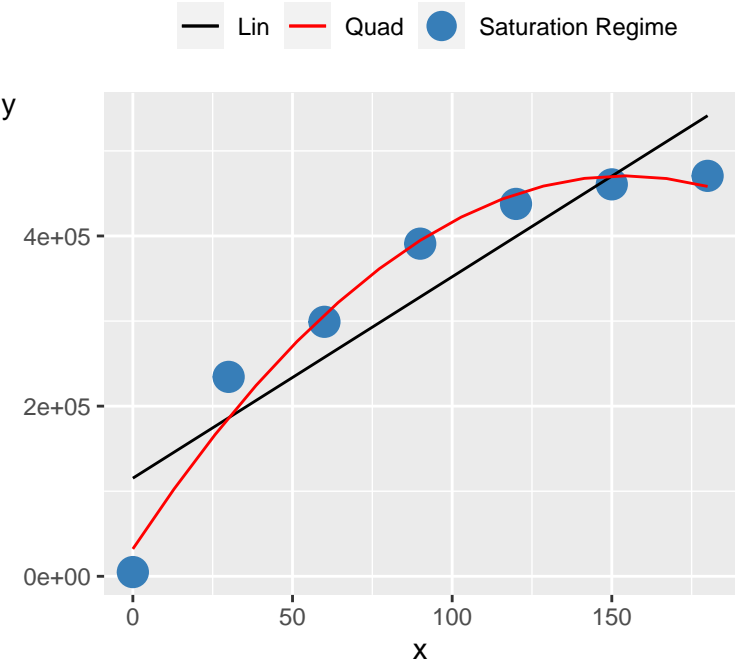
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 77.57             |
| mandel_p_val  | 7.42e-03          |
| concavity     | -32.49            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 25.12             |

Saturation Regime 053



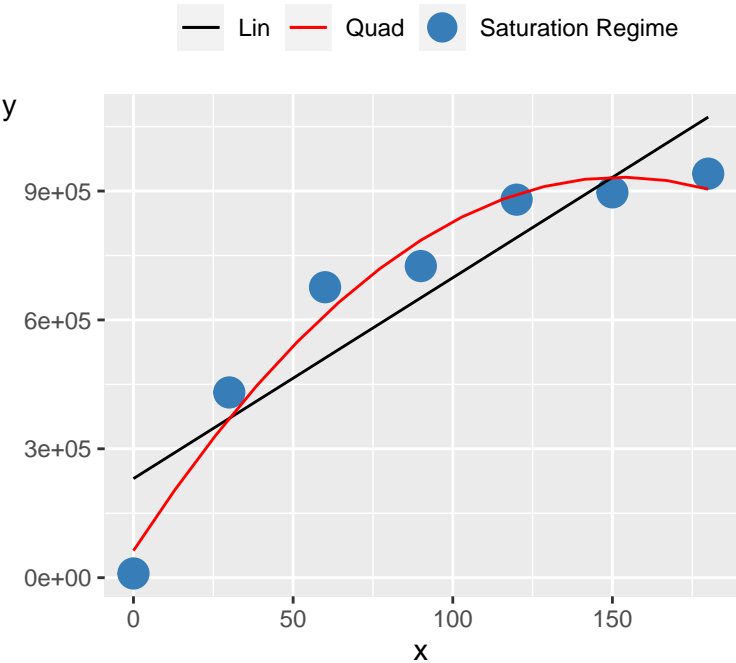
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.90              |
| pra_linear    | 76.60             |
| mandel_p_val  | 5.80e−03          |
| concavity     | −9.84             |
| r2_linear     | 0.82              |
| r2_adj_linear | 0.78              |
| mandel_stats  | 28.87             |

Saturation Regime 054



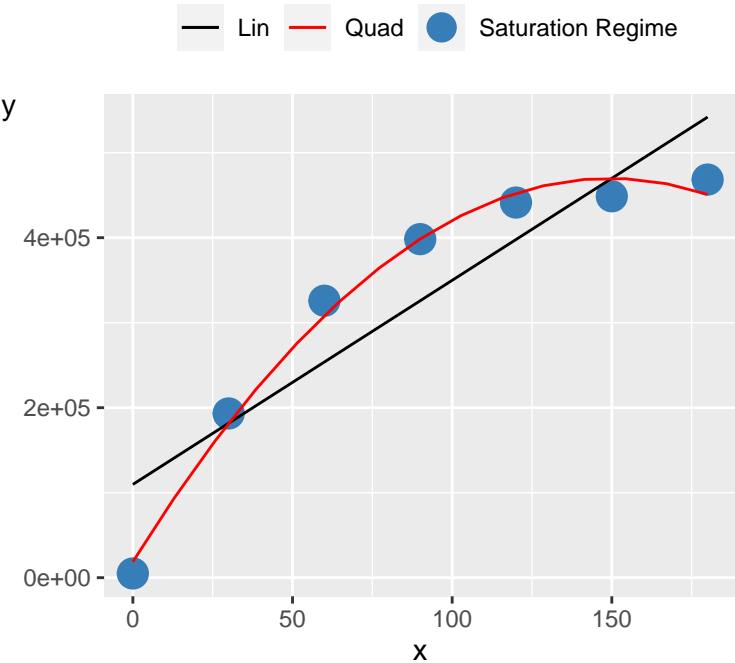
|               |                   |
|---------------|-------------------|
| wf1_group     | Good Linearity    |
| wf2_group     | Good Linearity    |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 80.97             |
| mandel_p_val  | 6.78e−03          |
| concavity     | −18.47            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 26.43             |

Saturation Regime 055



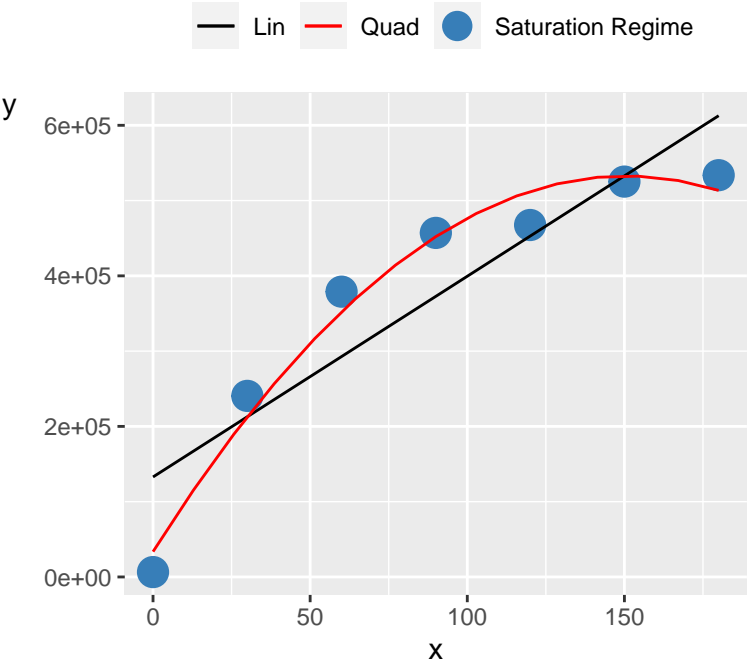
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 73.63             |
| mandel_p_val  | 9.10e−03          |
| concavity     | −37.28            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 22.38             |

Saturation Regime 056



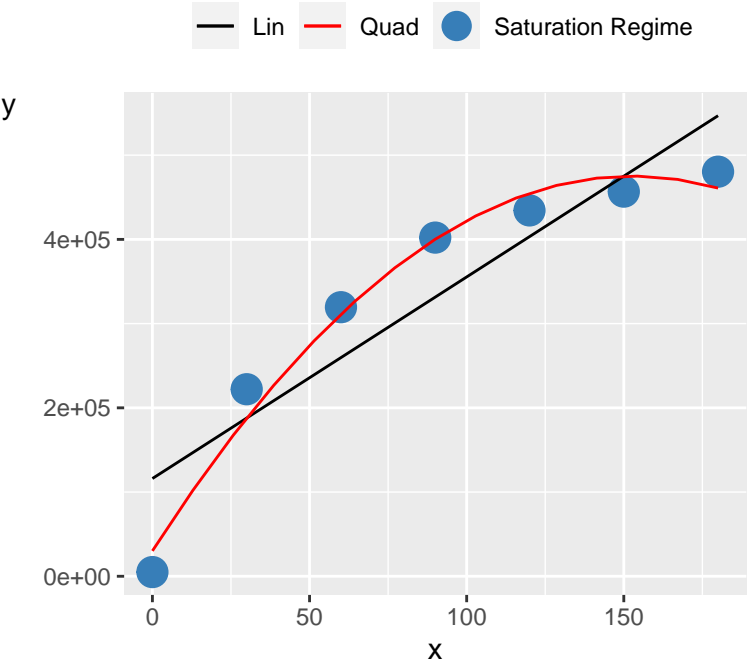
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 66.78             |
| mandel_p_val  | 1.00e−03          |
| concavity     | −20.21            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 74.01             |

Saturation Regime 057



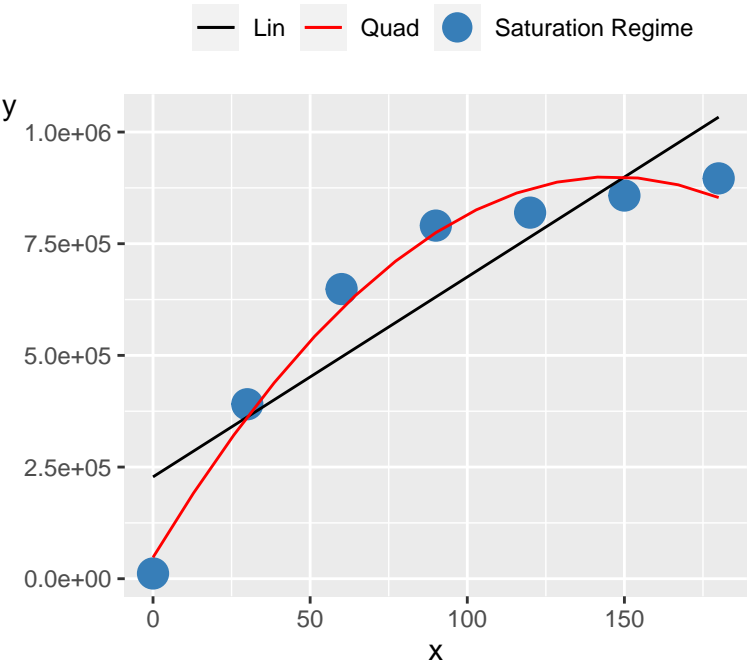
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 70.58             |
| mandel_p_val  | 6.08e-03          |
| concavity     | -22.05            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 28.10             |

Saturation Regime 058



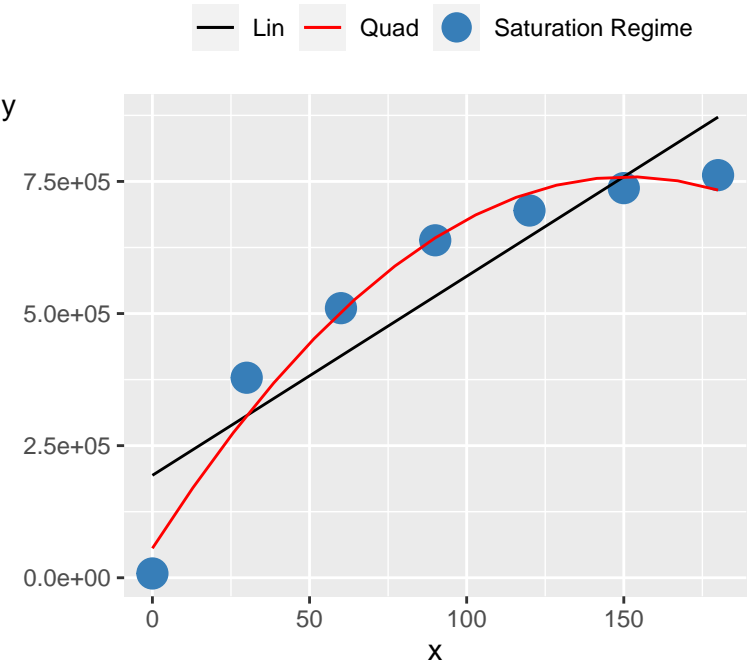
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 76.79             |
| mandel_p_val  | 4.56e-03          |
| concavity     | -19.09            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 32.96             |

Saturation Regime 059



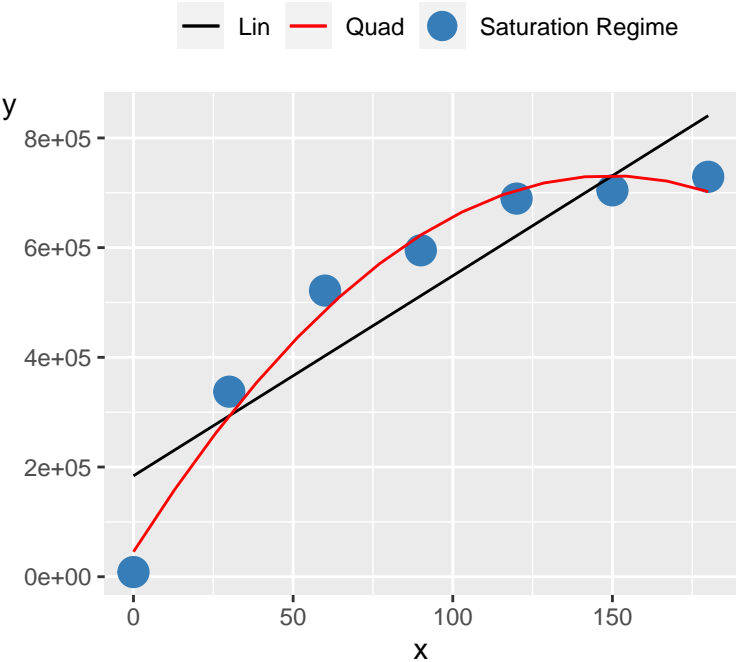
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.90              |
| pra_linear    | 63.60             |
| mandel_p_val  | 3.09e-03          |
| concavity     | -40.03            |
| r2_linear     | 0.81              |
| r2_adj_linear | 0.77              |
| mandel_stats  | 40.73             |

Saturation Regime 060



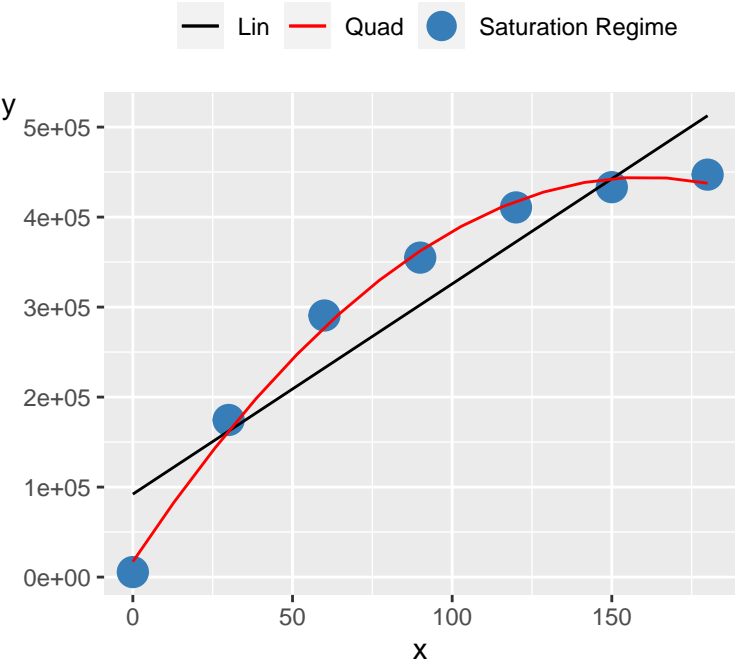
|               |                   |
|---------------|-------------------|
| wf1_group     | Good Linearity    |
| wf2_group     | Good Linearity    |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 80.10             |
| mandel_p_val  | 7.03e-03          |
| concavity     | -30.68            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 25.92             |

Saturation Regime 061



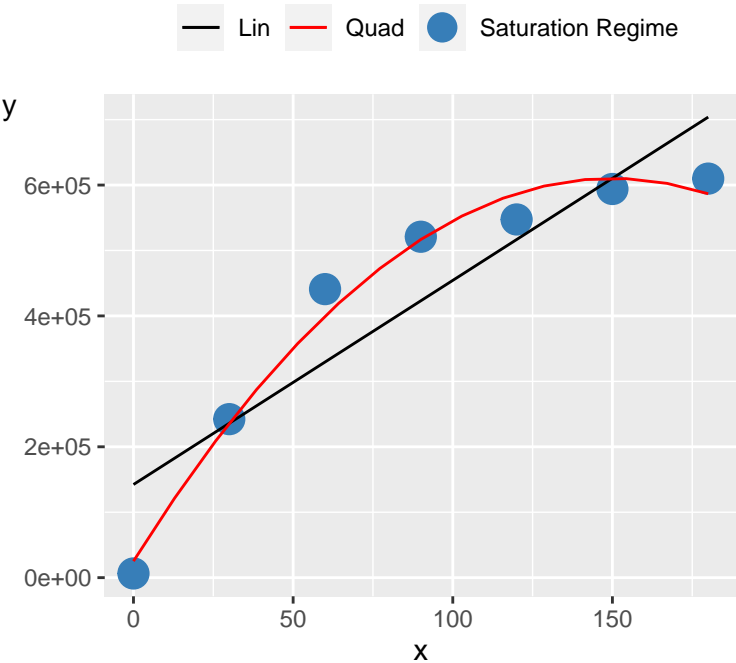
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 71.52             |
| mandel_p_val  | 3.77e-03          |
| concavity     | -30.77            |
| r2_linear     | 0.82              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 36.57             |

Saturation Regime 062



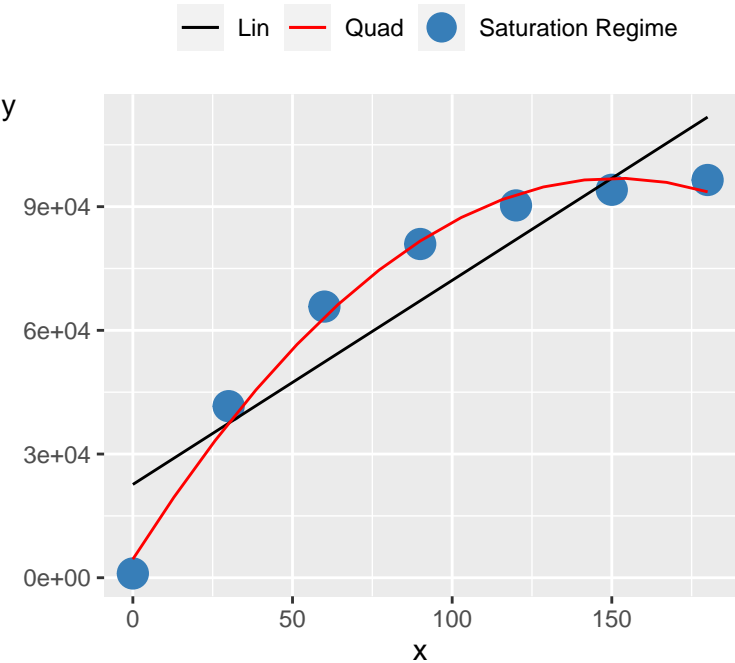
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.94              |
| pra_linear    | 75.08             |
| mandel_p_val  | 5.42e-04          |
| concavity     | -16.67            |
| r2_linear     | 0.87              |
| r2_adj_linear | 0.85              |
| mandel_stats  | 101.85            |

Saturation Regime 063



|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 64.15             |
| mandel_p_val  | 3.02e-03          |
| concavity     | -26.03            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 41.26             |

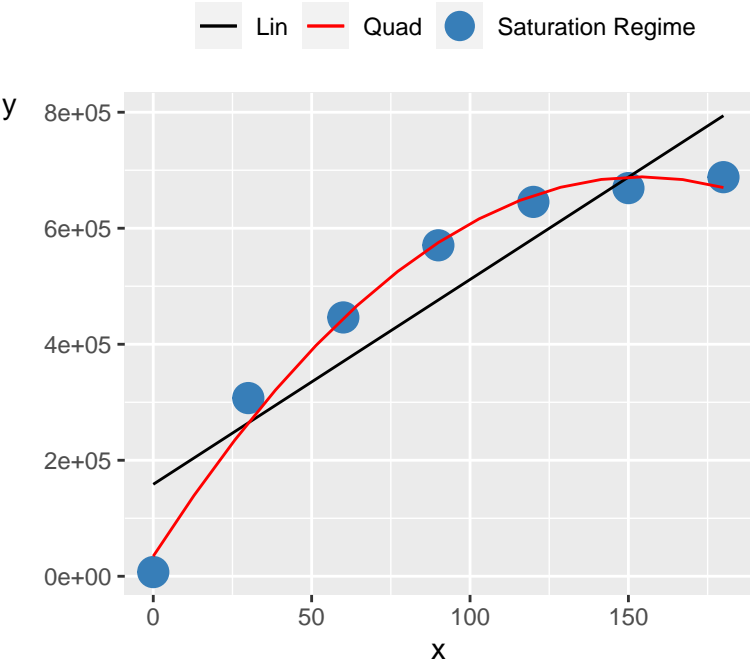
Saturation Regime 064



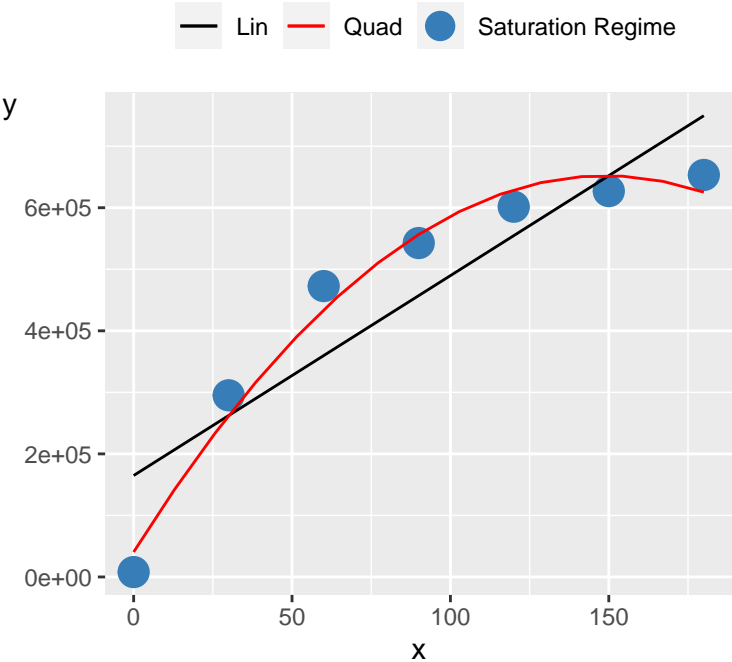
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 72.02             |
| mandel_p_val  | 9.82e-04          |
| concavity     | -4.03             |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 74.85             |



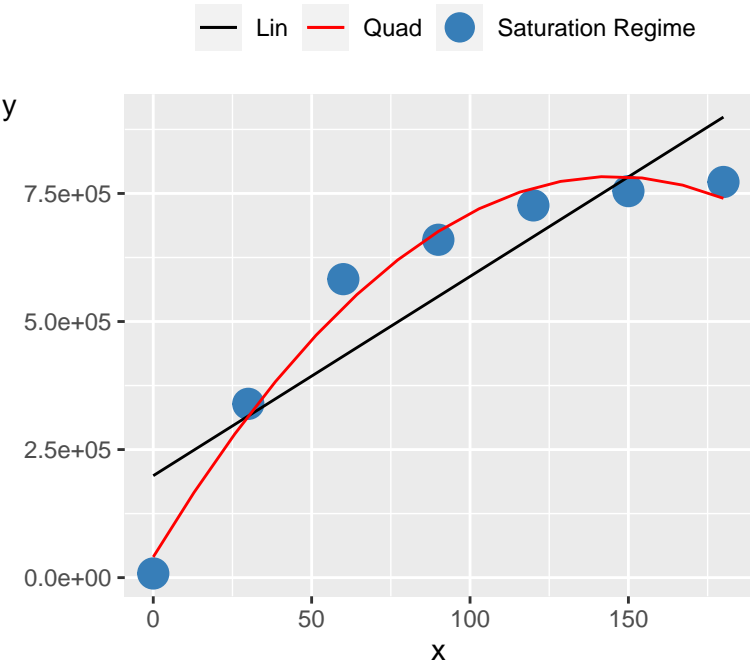
Saturation Regime 065



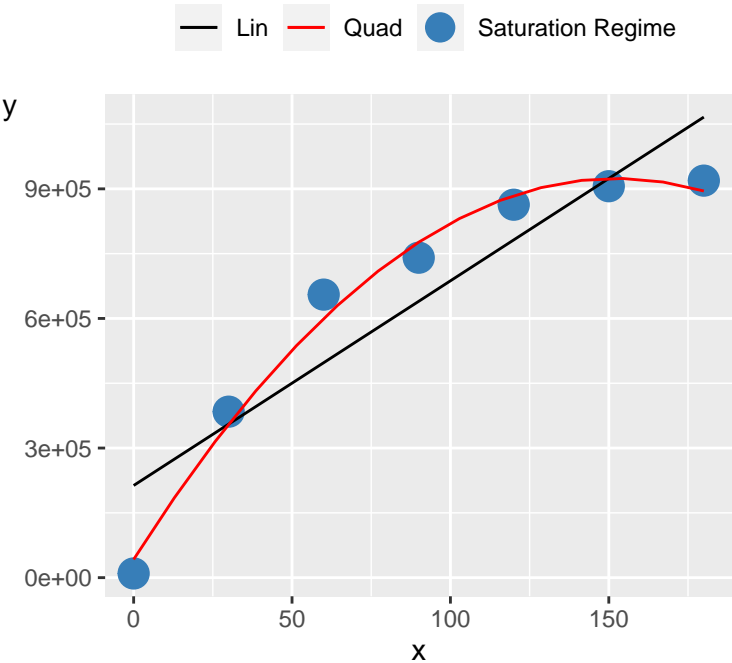
Saturation Regime 066



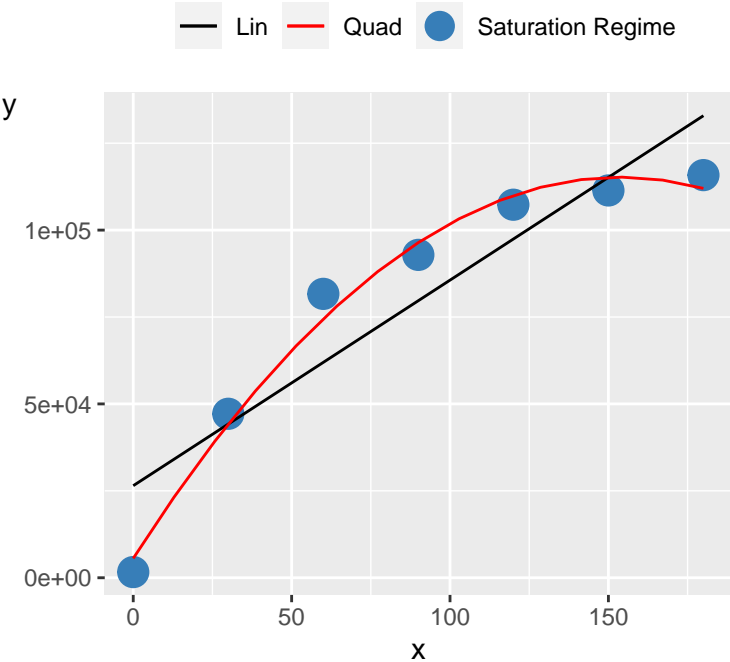
Saturation Regime 067



Saturation Regime 068

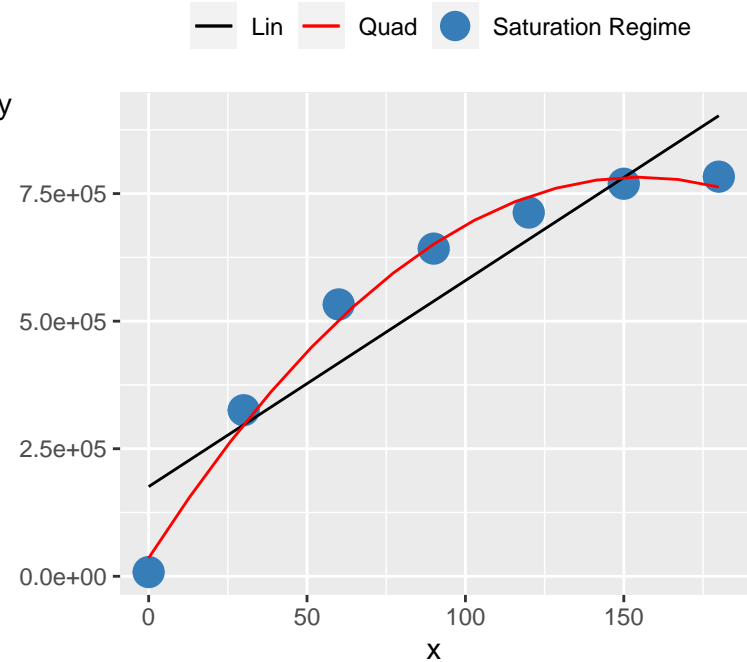


Saturation Regime 069



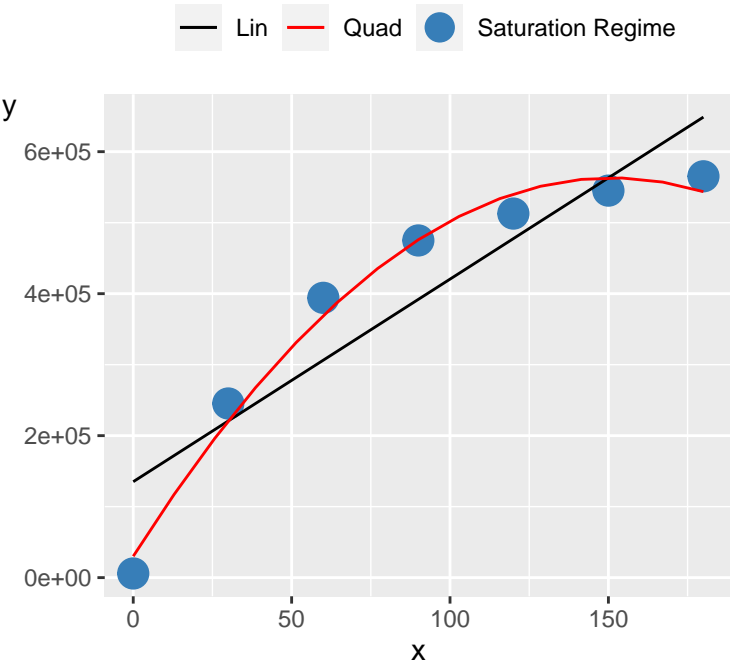
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 69.37             |
| mandel_p_val  | 2.34e-03          |
| concavity     | -4.64             |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 47.37             |

Saturation Regime 070



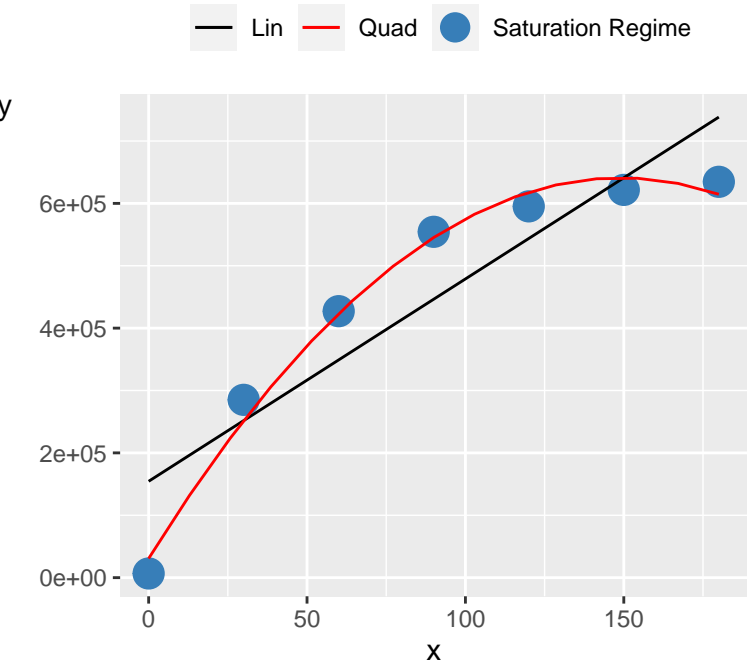
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 72.69             |
| mandel_p_val  | 1.36e-03          |
| concavity     | -31.06            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 63.01             |

Saturation Regime 071



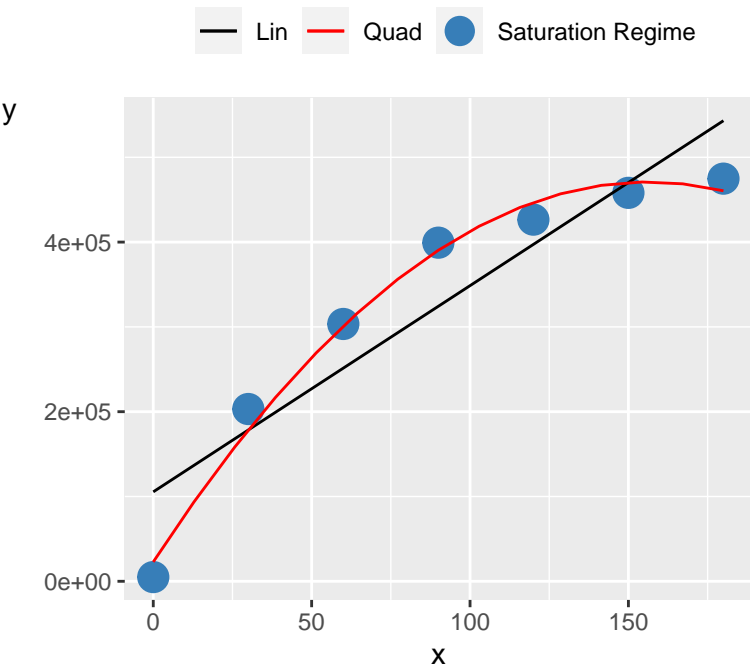
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 70.69             |
| mandel_p_val  | 2.67e-03          |
| concavity     | -23.34            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 44.07             |

Saturation Regime 072



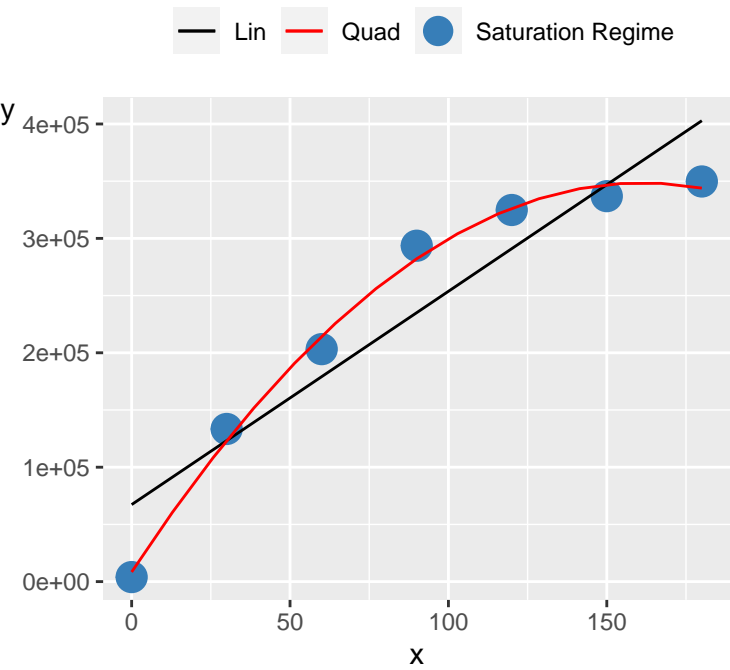
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 72.40             |
| mandel_p_val  | 1.22e-03          |
| concavity     | -27.49            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 66.88             |

Saturation Regime 073



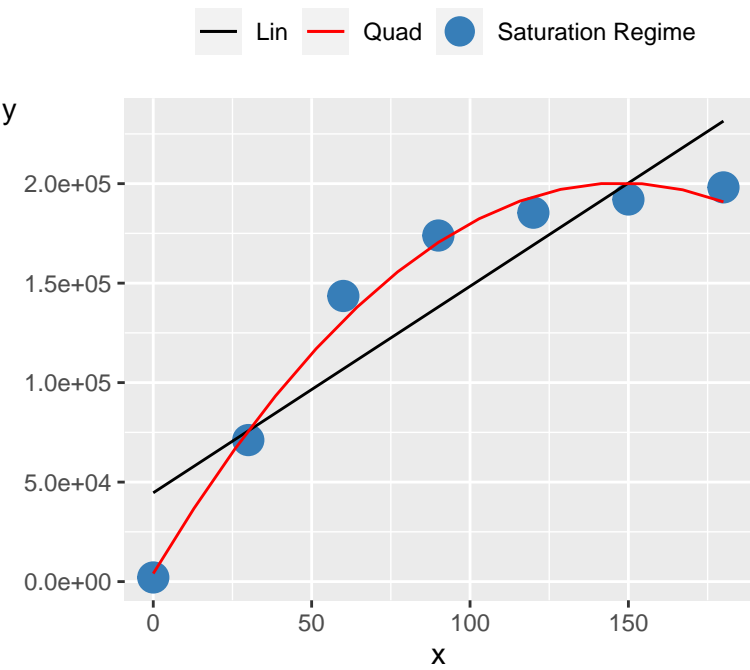
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 77.09             |
| mandel_p_val  | 2.00e-03          |
| concavity     | -18.36            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 51.48             |

Saturation Regime 074



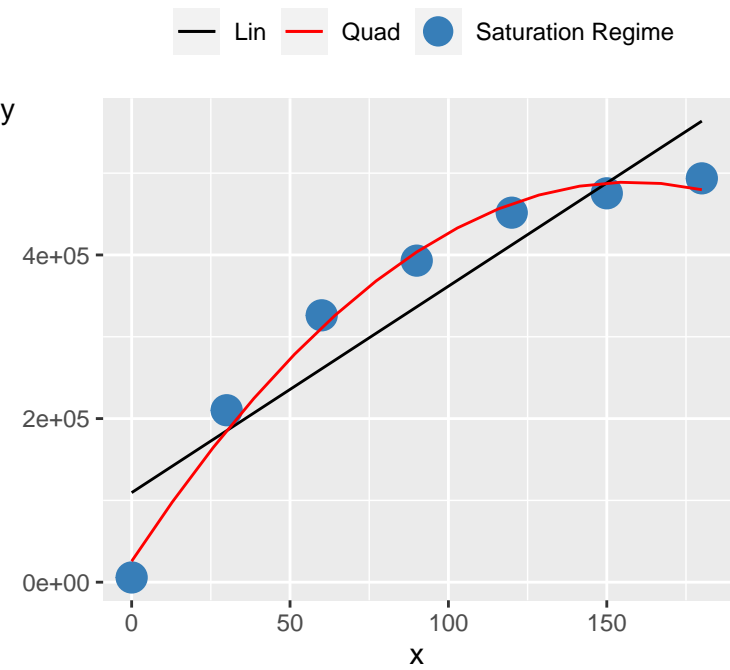
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.94              |
| pra_linear    | 76.21             |
| mandel_p_val  | 6.85e-04          |
| concavity     | -13.09            |
| r2_linear     | 0.88              |
| r2_adj_linear | 0.85              |
| mandel_stats  | 90.29             |

Saturation Regime 075



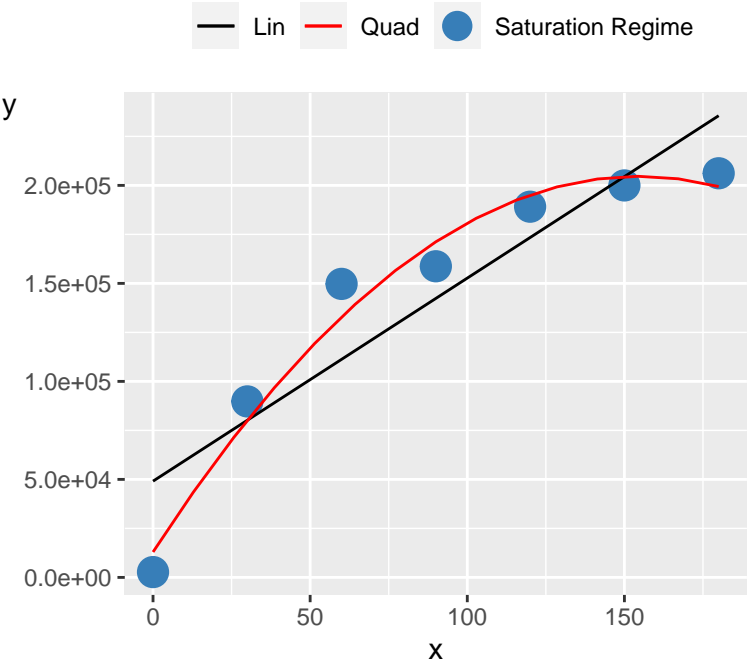
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 58.27             |
| mandel_p_val  | 1.55e-03          |
| concavity     | -9.02             |
| r2_linear     | 0.82              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 58.94             |

Saturation Regime 076



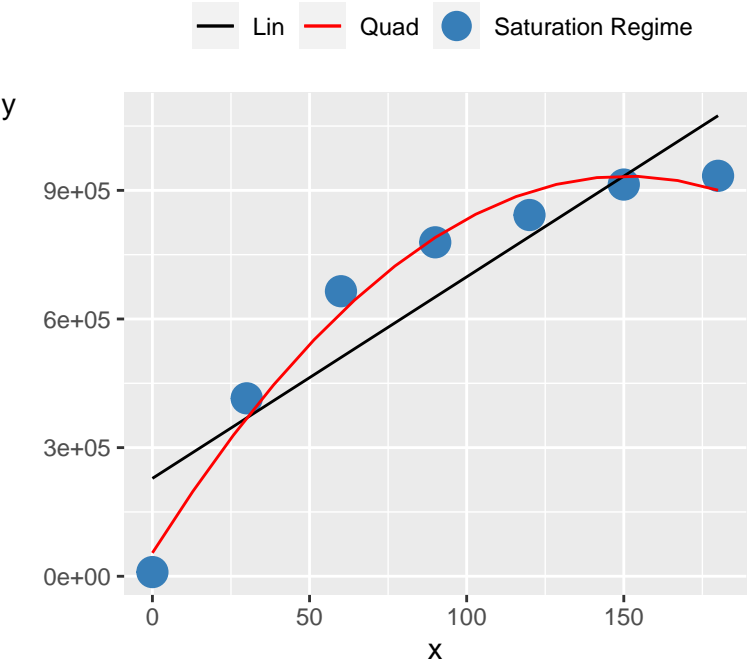
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 76.79             |
| mandel_p_val  | 1.98e-03          |
| concavity     | -18.64            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.84              |
| mandel_stats  | 51.74             |

Saturation Regime 077



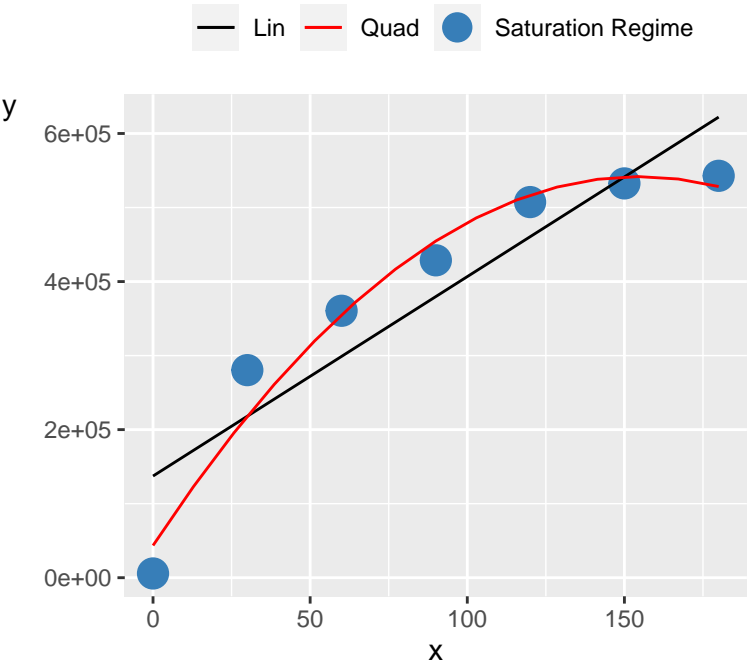
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 71.80             |
| mandel_p_val  | 8.18e-03          |
| concavity     | -8.03             |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 23.78             |

Saturation Regime 078



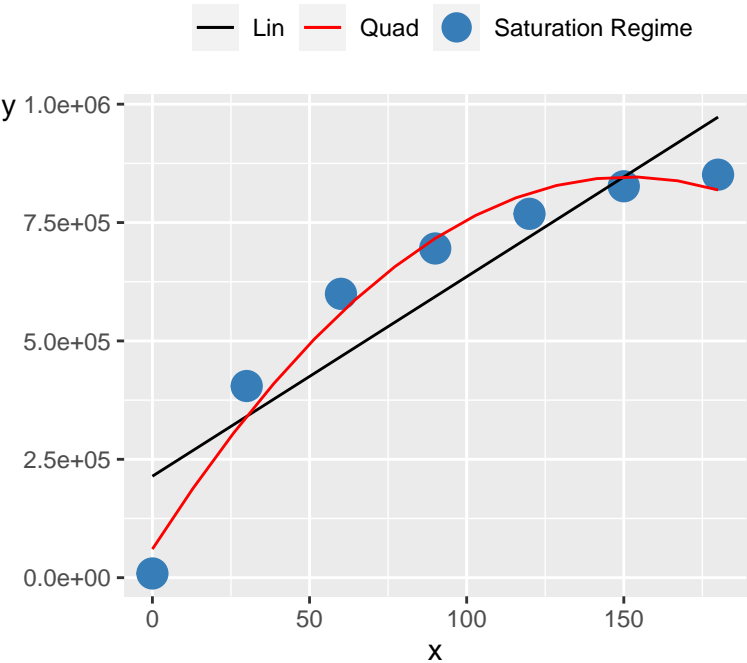
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 70.64             |
| mandel_p_val  | 3.82e-03          |
| concavity     | -38.61            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 36.32             |

Saturation Regime 079



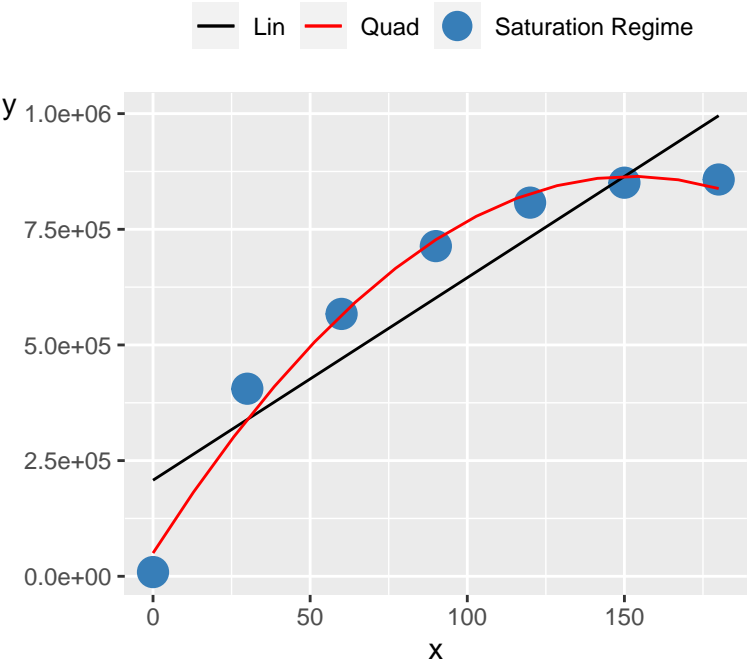
|               |                   |
|---------------|-------------------|
| wf1_group     | Good Linearity    |
| wf2_group     | Good Linearity    |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 85.51             |
| mandel_p_val  | 0.01              |
| concavity     | -20.84            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 18.51             |

Saturation Regime 080



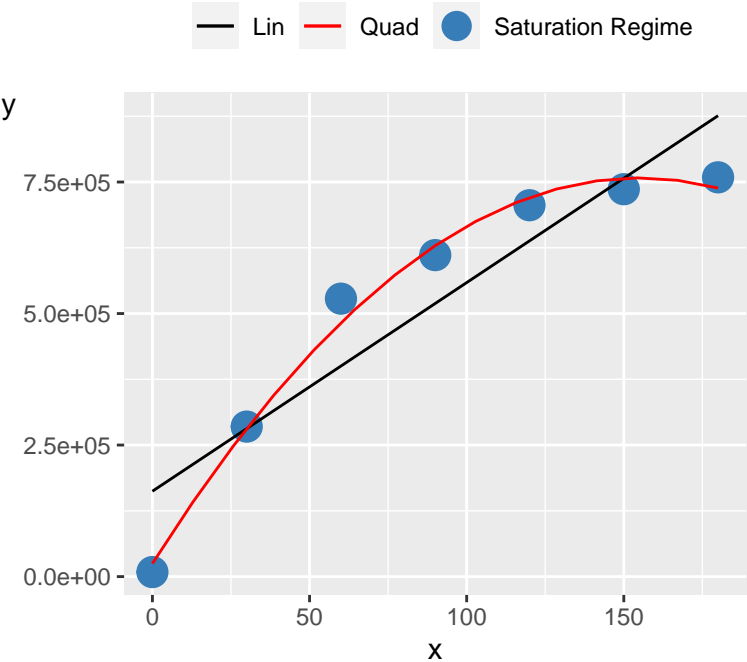
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 75.40             |
| mandel_p_val  | 6.91e-03          |
| concavity     | -34.19            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 26.15             |

Saturation Regime 081



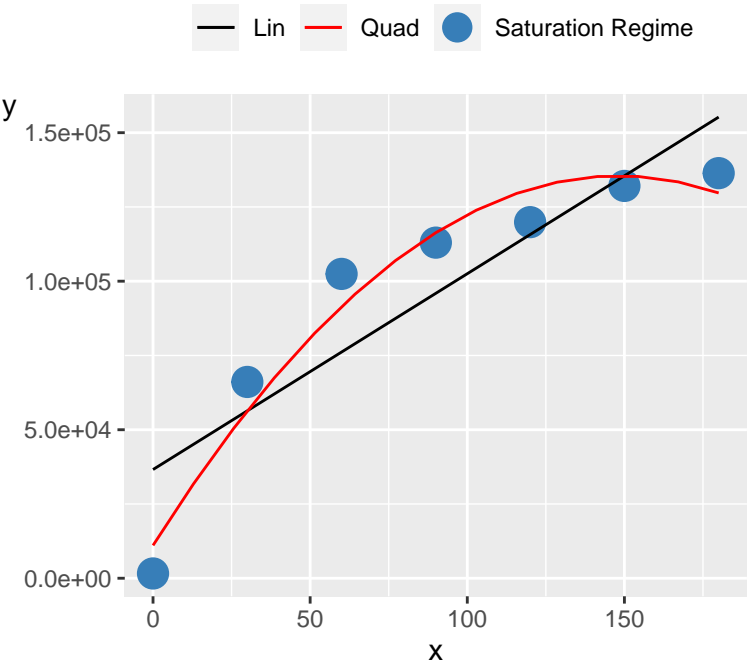
| wf1_group     | Poor Linearity    |
|---------------|-------------------|
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 78.60             |
| mandel_p_val  | 2.48e-03          |
| concavity     | -34.99            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 45.87             |

Saturation Regime 082



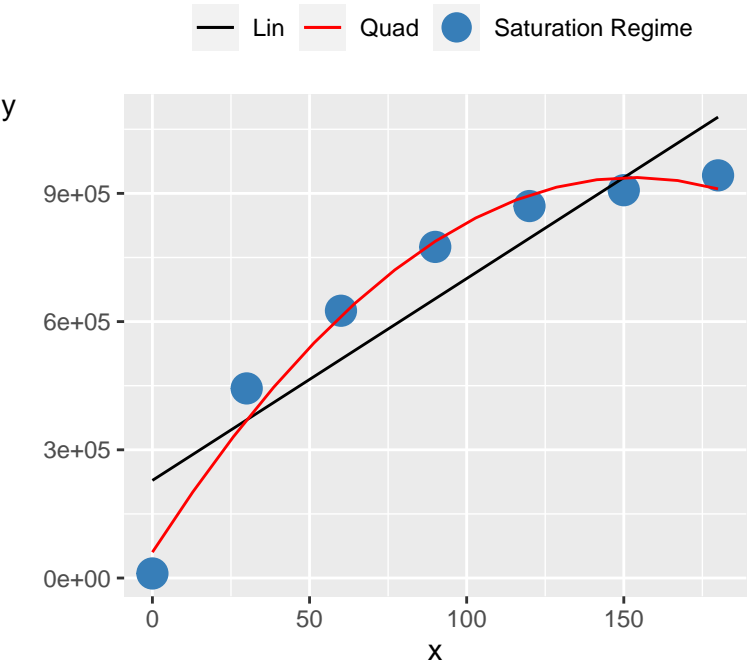
| wf1_group     | Poor Linearity    |
|---------------|-------------------|
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 68.04             |
| mandel_p_val  | 1.19e-03          |
| concavity     | -30.55            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 67.81             |

Saturation Regime 083



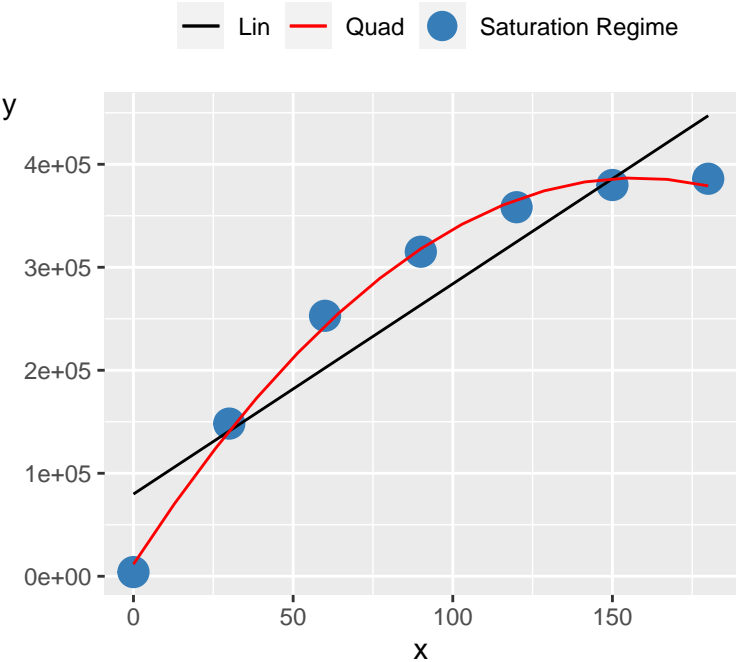
| wf1_group     | Poor Linearity    |
|---------------|-------------------|
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.90              |
| pra_linear    | 69.87             |
| mandel_p_val  | 0.01              |
| concavity     | -5.68             |
| r2_linear     | 0.80              |
| r2_adj_linear | 0.76              |
| mandel_stats  | 17.68             |

Saturation Regime 084



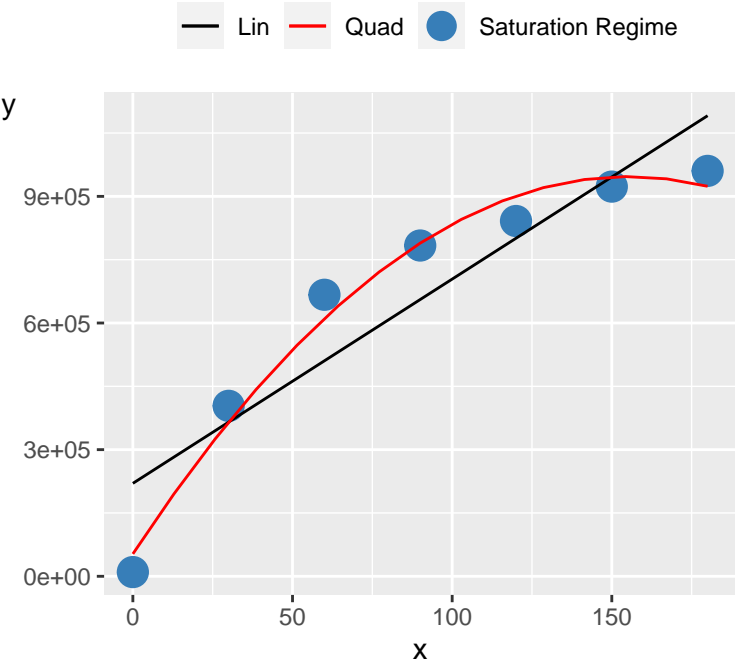
| wf1_group     | Poor Linearity    |
|---------------|-------------------|
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 78.84             |
| mandel_p_val  | 4.02e-03          |
| concavity     | -37.33            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 35.31             |

Saturation Regime 085



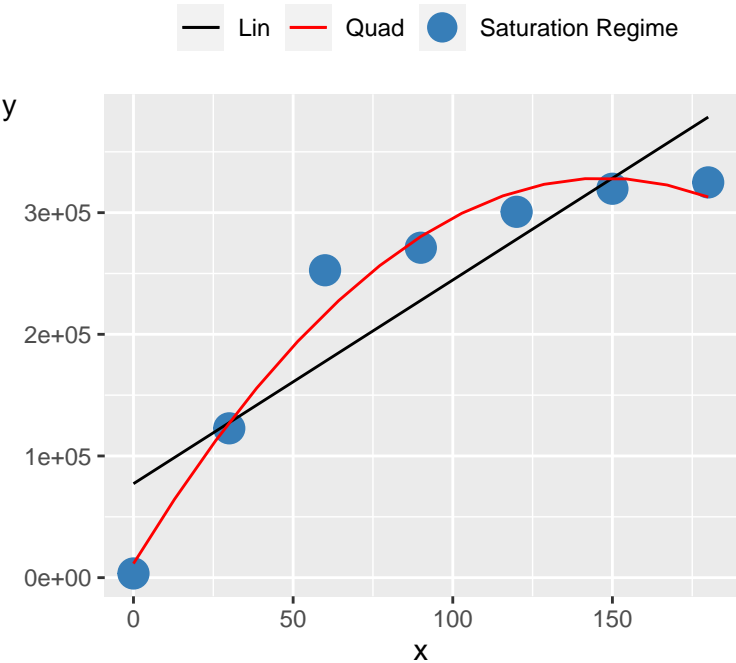
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 72.74             |
| mandel_p_val  | 1.84e−04          |
| concavity     | −15.13            |
| r2_linear     | 0.87              |
| r2_adj_linear | 0.84              |
| mandel_stats  | 177.31            |

Saturation Regime 086



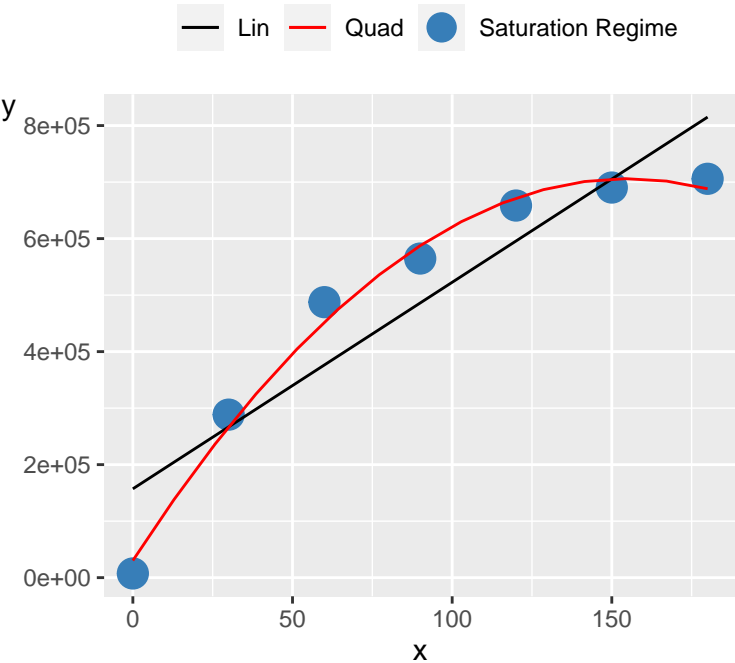
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 72.10             |
| mandel_p_val  | 4.93e−03          |
| concavity     | −37.15            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 31.57             |

Saturation Regime 087



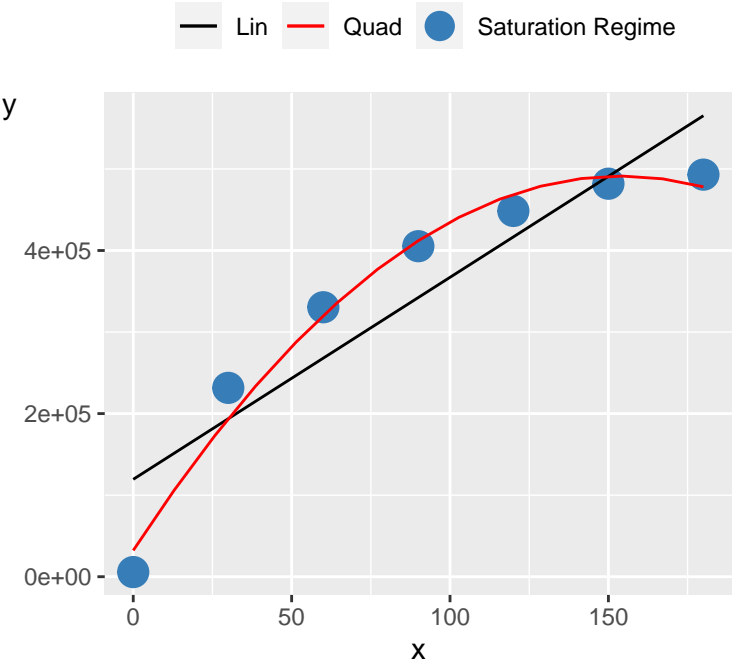
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.90              |
| pra_linear    | 56.97             |
| mandel_p_val  | 5.46e−03          |
| concavity     | −14.59            |
| r2_linear     | 0.81              |
| r2_adj_linear | 0.77              |
| mandel_stats  | 29.85             |

Saturation Regime 088



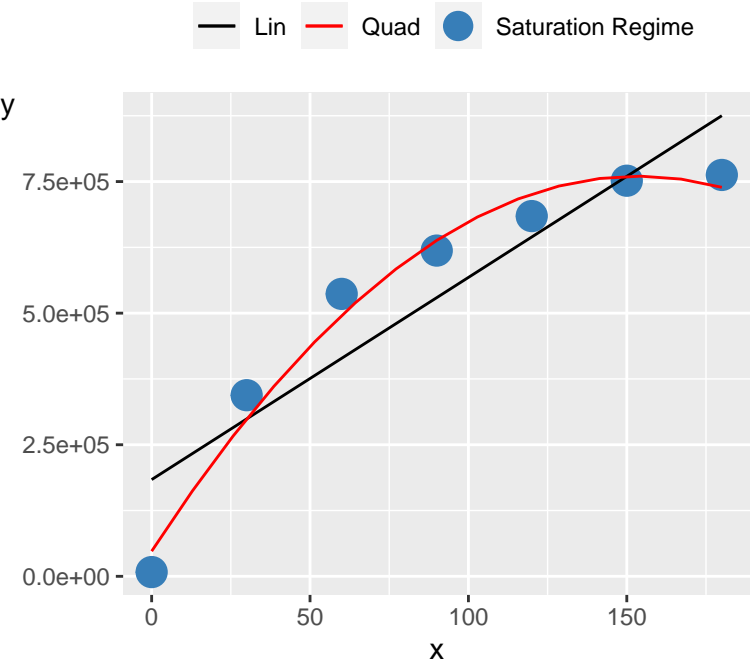
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 71.62             |
| mandel_p_val  | 1.38e−03          |
| concavity     | −28.18            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 62.54             |

Saturation Regime 089



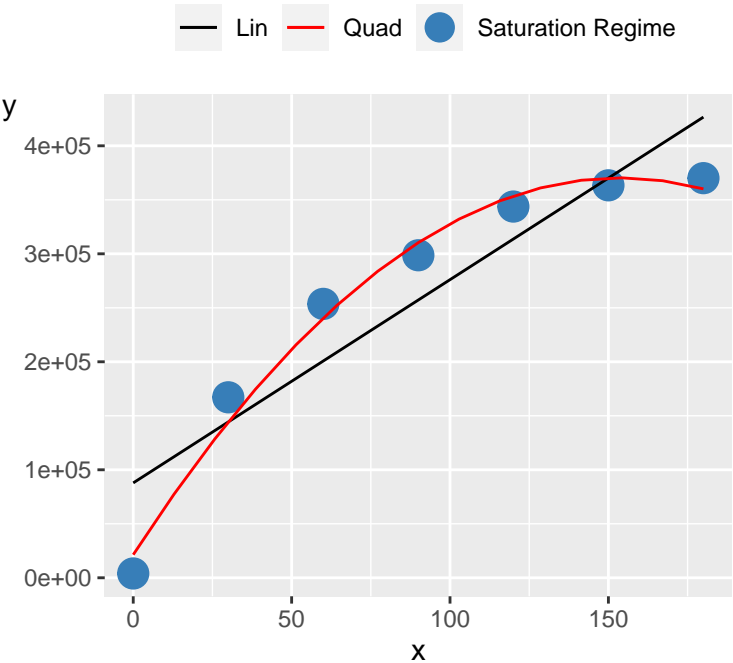
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 78.51             |
| mandel_p_val  | 4.32e-03          |
| concavity     | -19.37            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 33.95             |

Saturation Regime 090



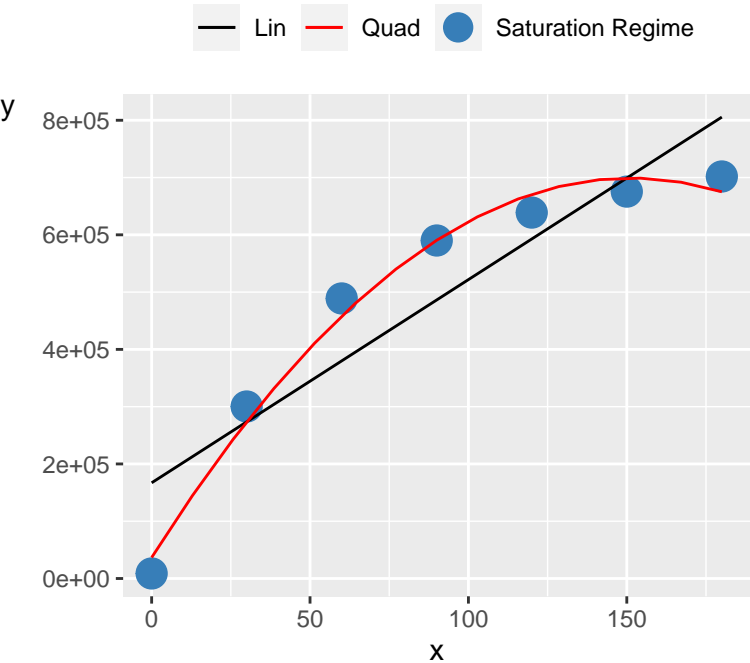
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 73.90             |
| mandel_p_val  | 5.09e-03          |
| concavity     | -30.23            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 31.03             |

Saturation Regime 091



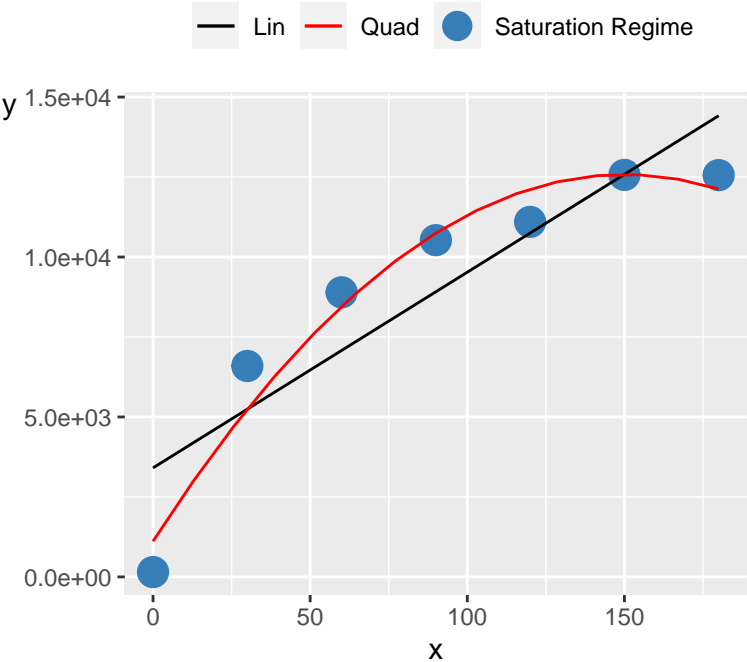
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 75.61             |
| mandel_p_val  | 2.76e-03          |
| concavity     | -14.77            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 43.35             |

Saturation Regime 092



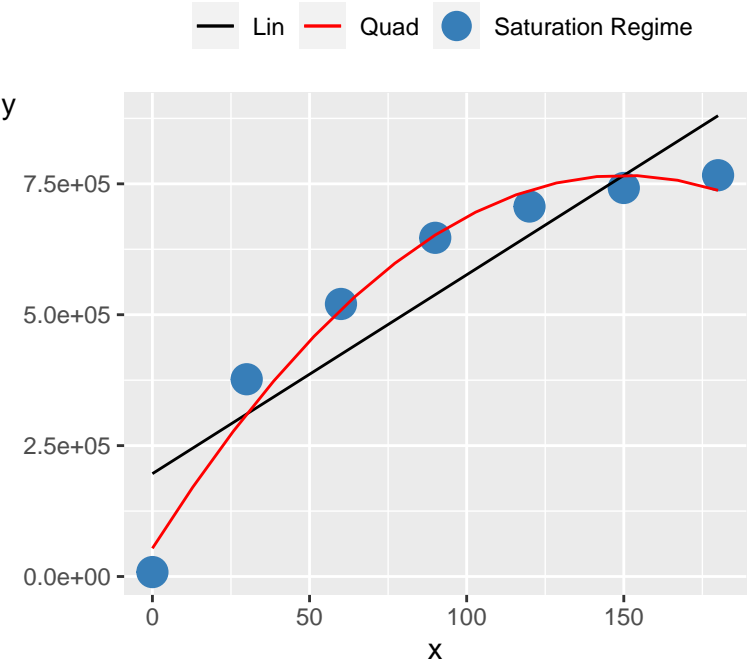
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 69.96             |
| mandel_p_val  | 2.27e-03          |
| concavity     | -28.97            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 48.09             |

Saturation Regime 093



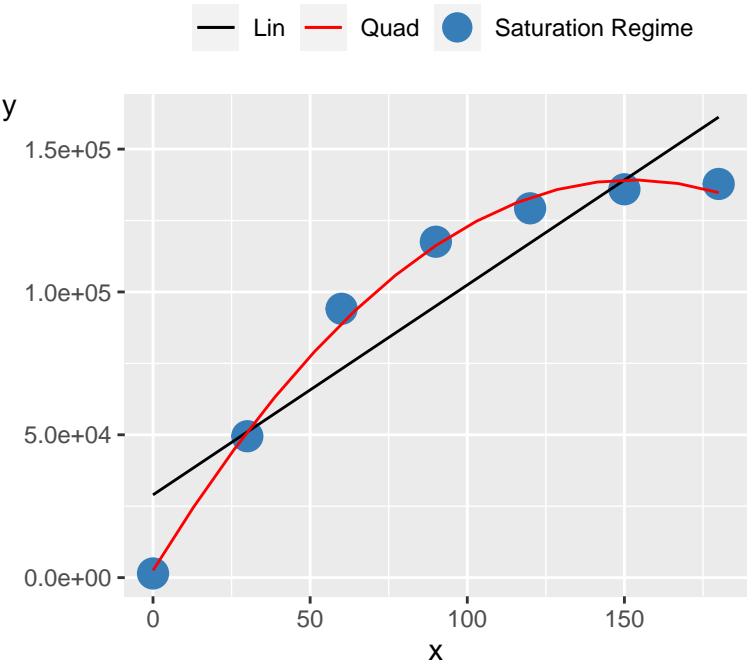
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.90              |
| pra_linear    | 79.37             |
| mandel_p_val  | 0.02              |
| concavity     | -0.51             |
| r2_linear     | 0.81              |
| r2_adj_linear | 0.77              |
| mandel_stats  | 16.68             |

Saturation Regime 094



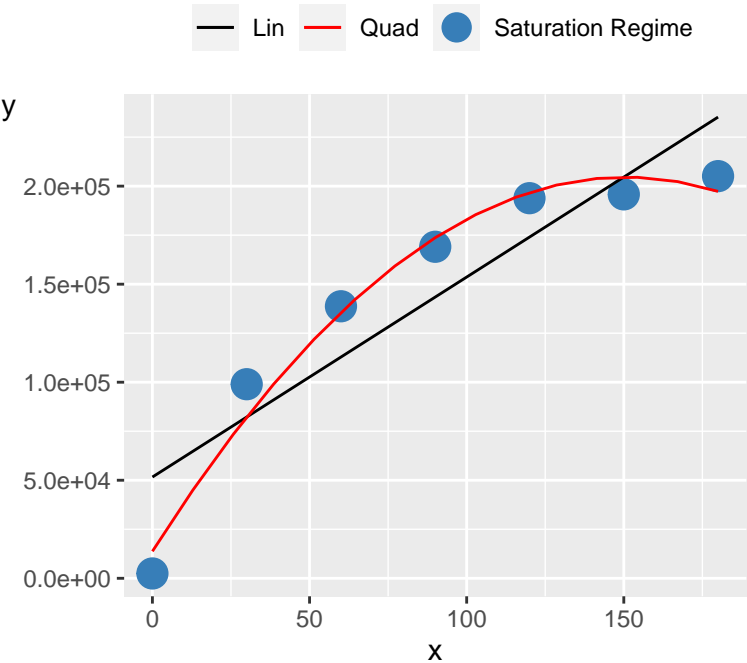
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 77.78             |
| mandel_p_val  | 5.30e-03          |
| concavity     | -31.67            |
| r2_linear     | 0.82              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 30.35             |

Saturation Regime 095



|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 65.67             |
| mandel_p_val  | 2.81e-04          |
| concavity     | -5.88             |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 142.88            |

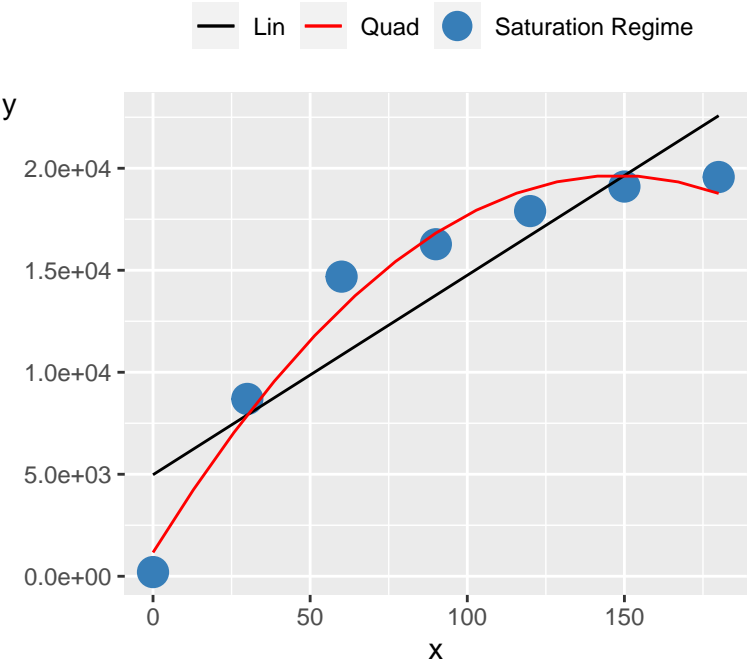
Saturation Regime 096



|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 77.06             |
| mandel_p_val  | 4.58e-03          |
| concavity     | -8.42             |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 32.88             |

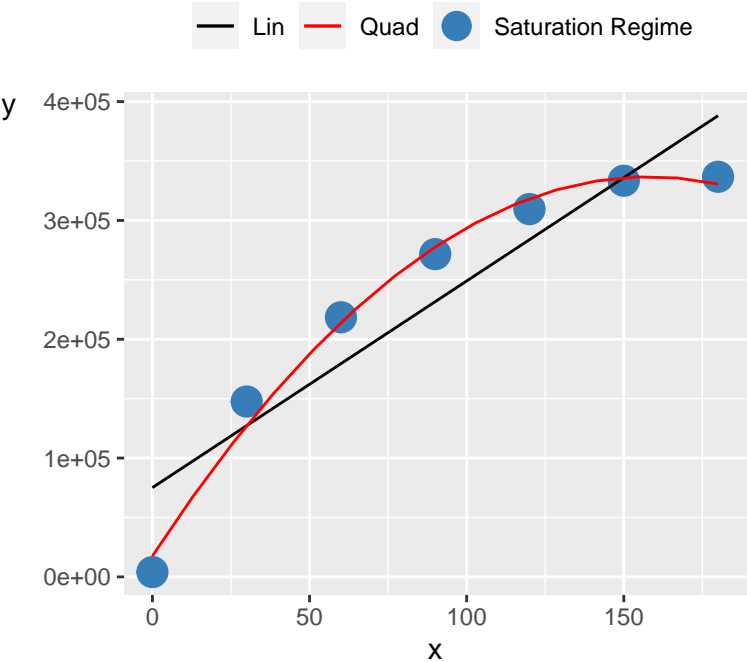


Saturation Regime 097



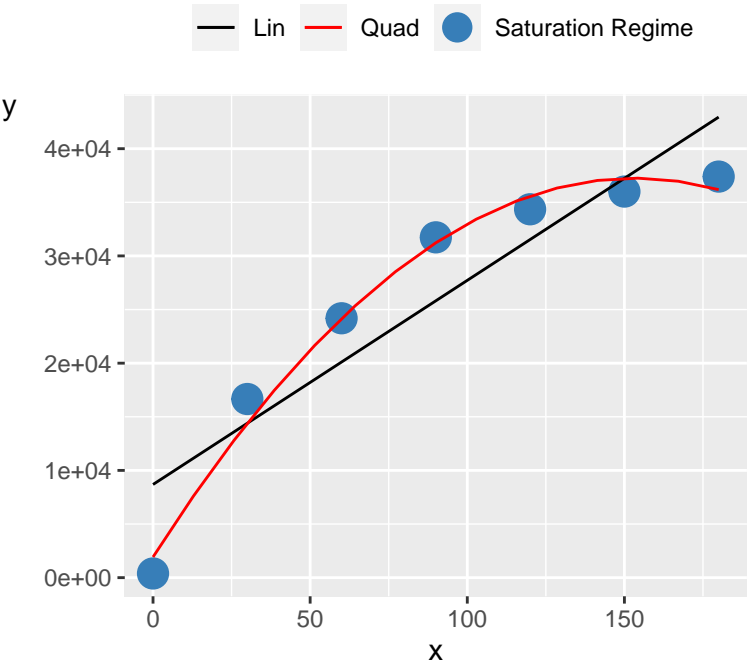
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.90              |
| pra_linear    | 65.56             |
| mandel_p_val  | 5.26e-03          |
| concavity     | -0.85             |
| r2_linear     | 0.81              |
| r2_adj_linear | 0.78              |
| mandel_stats  | 30.46             |

Saturation Regime 098



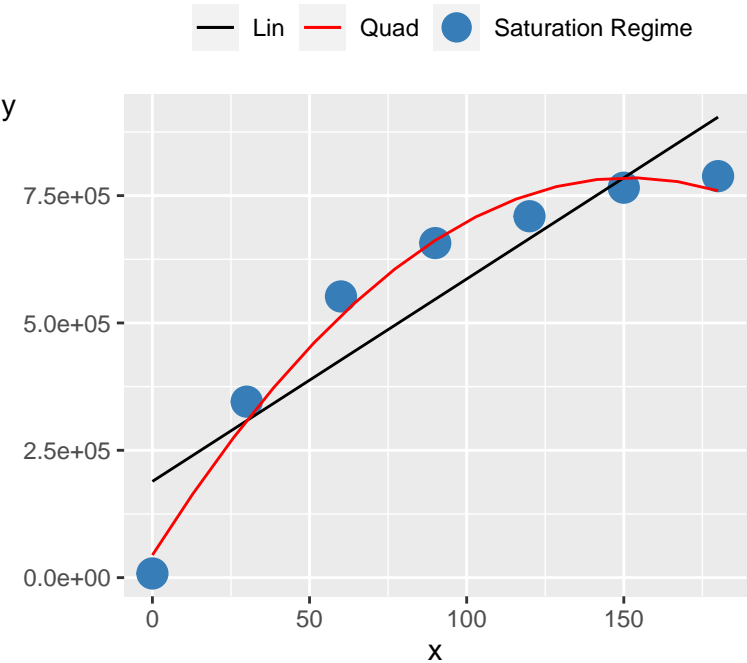
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 78.79             |
| mandel_p_val  | 1.62e-03          |
| concavity     | -12.79            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.84              |
| mandel_stats  | 57.57             |

Saturation Regime 099



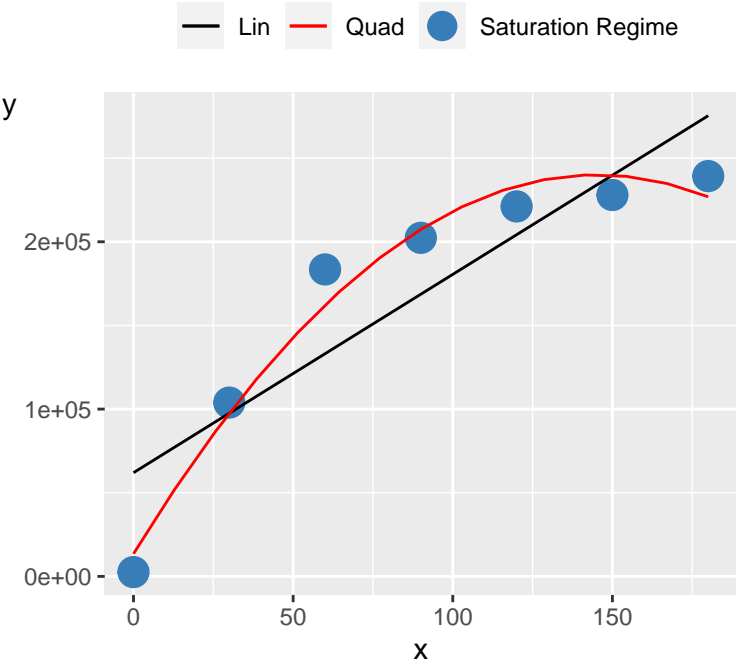
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 76.68             |
| mandel_p_val  | 2.10e-03          |
| concavity     | -1.50             |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 50.17             |

Saturation Regime 100

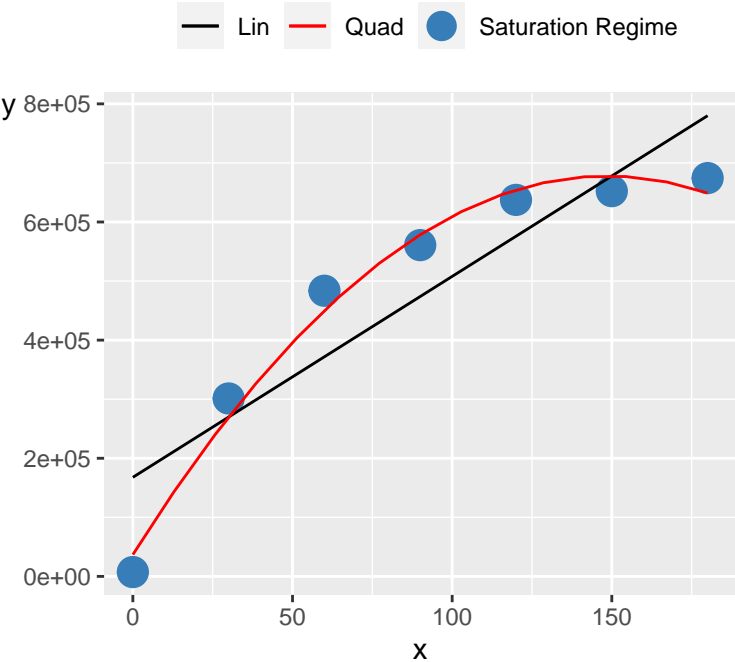


|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 71.47             |
| mandel_p_val  | 3.36e-03          |
| concavity     | -32.14            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 38.94             |

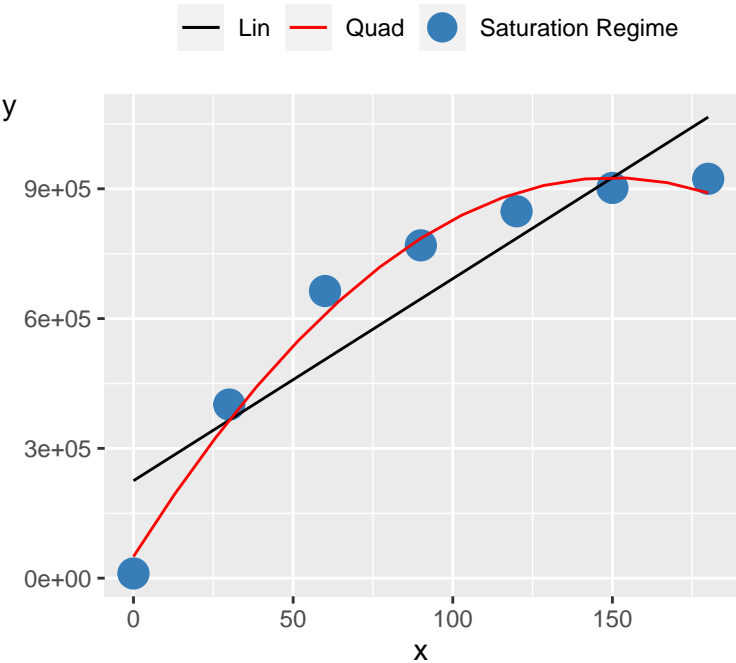
Saturation Regime 101



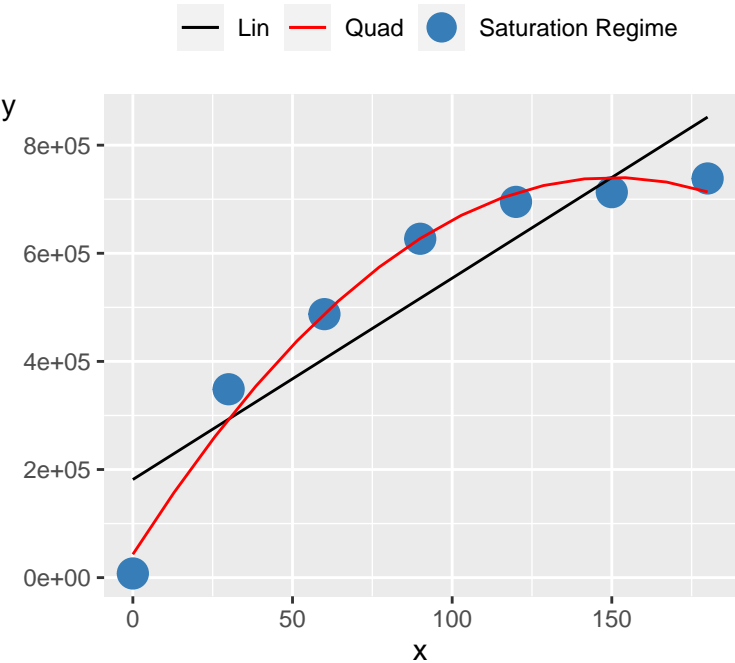
Saturation Regime 102



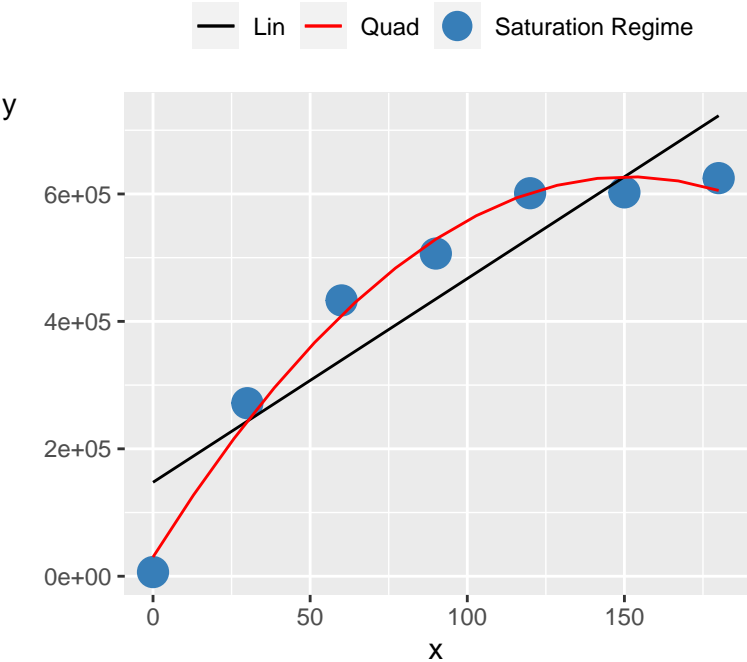
Saturation Regime 103



Saturation Regime 104

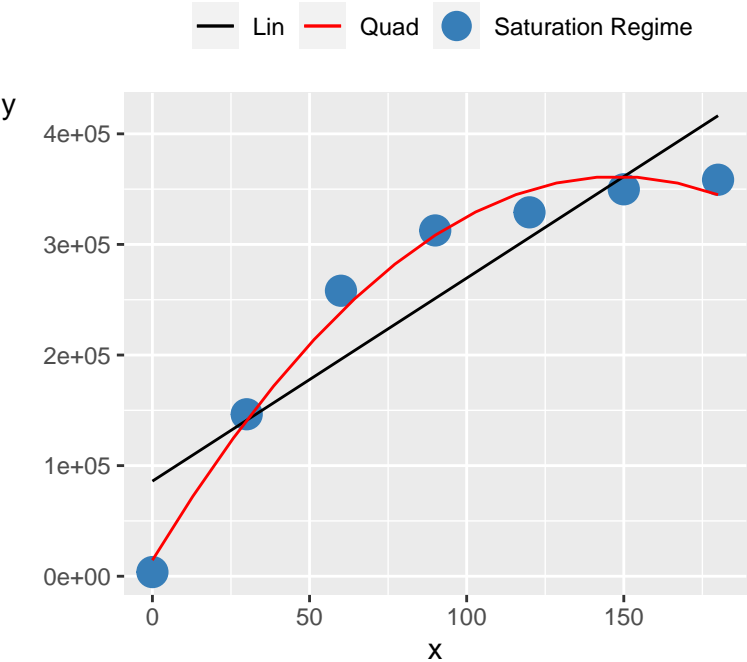


Saturation Regime 105



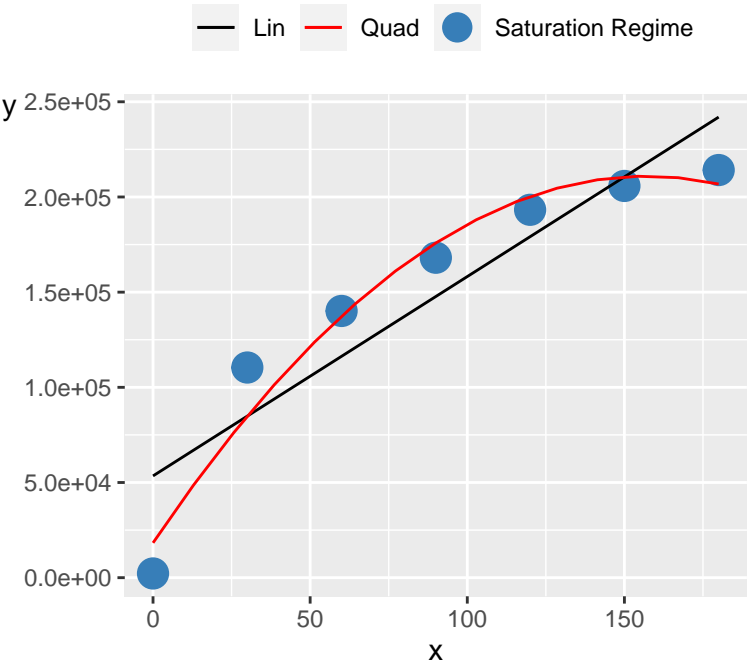
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 71.51             |
| mandel_p_val  | 1.78e-03          |
| concavity     | -26.08            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 54.82             |

Saturation Regime 106



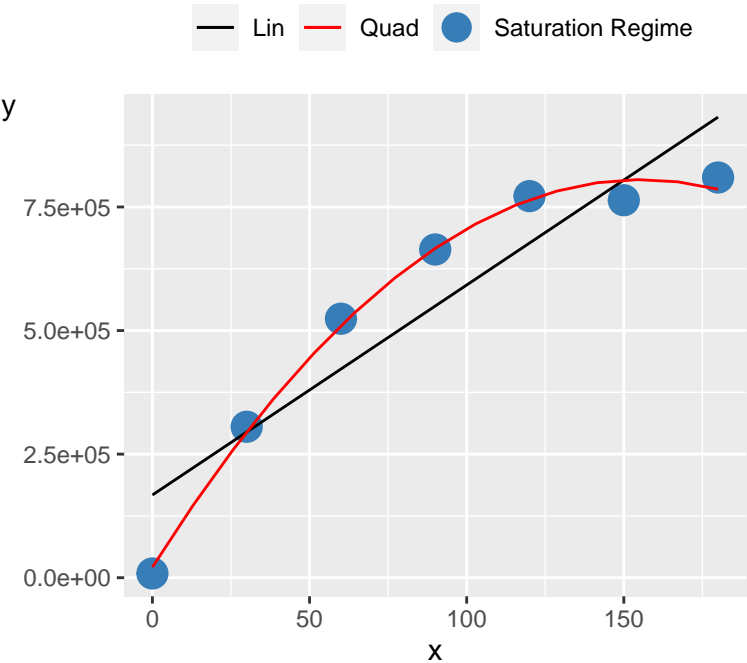
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 63.79             |
| mandel_p_val  | 1.77e-03          |
| concavity     | -15.88            |
| r2_linear     | 0.82              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 54.93             |

Saturation Regime 107



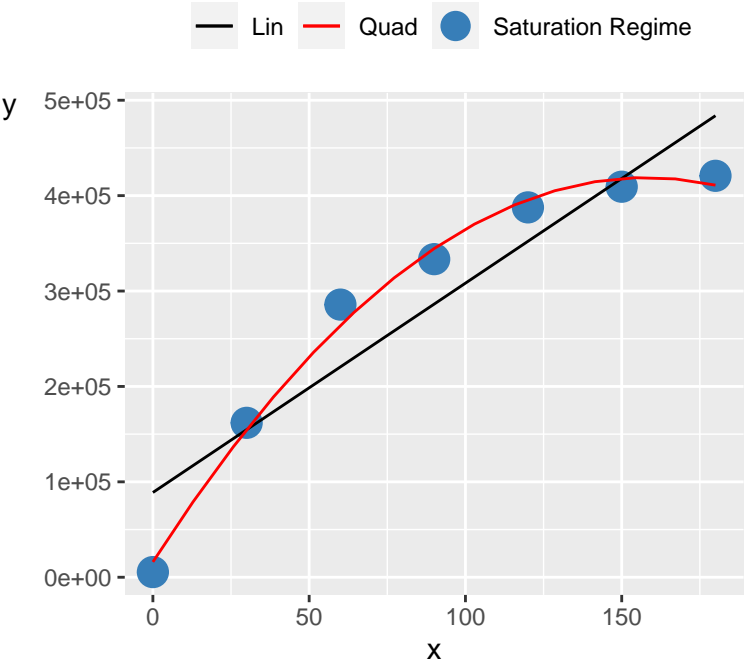
|               |                   |
|---------------|-------------------|
| wf1_group     | Good Linearity    |
| wf2_group     | Good Linearity    |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 87.55             |
| mandel_p_val  | 0.02              |
| concavity     | -7.81             |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 15.06             |

Saturation Regime 108



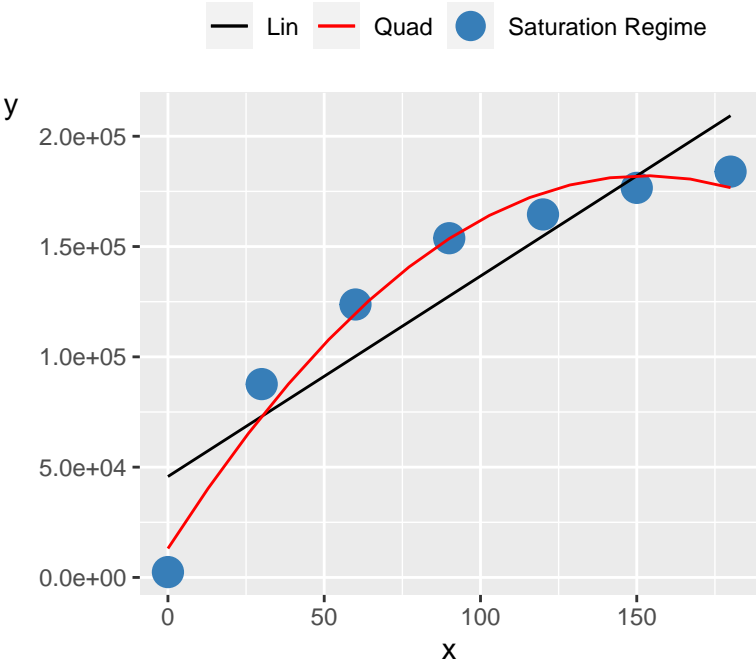
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 70.44             |
| mandel_p_val  | 5.24e-04          |
| concavity     | -32.45            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 103.68            |

Saturation Regime 109



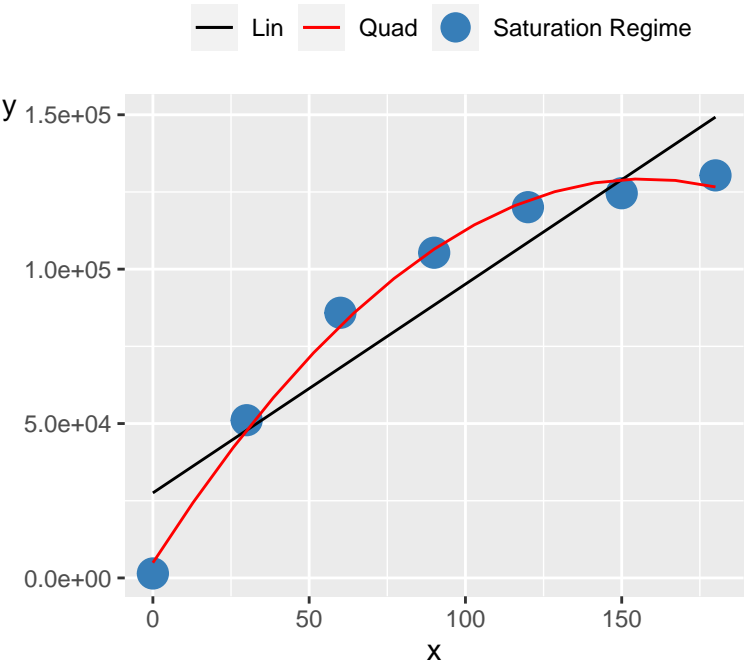
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 71.58             |
| mandel_p_val  | 1.06e-03          |
| concavity     | -16.18            |
| r2_linear     | 0.87              |
| r2_adj_linear | 0.84              |
| mandel_stats  | 71.80             |

Saturation Regime 110



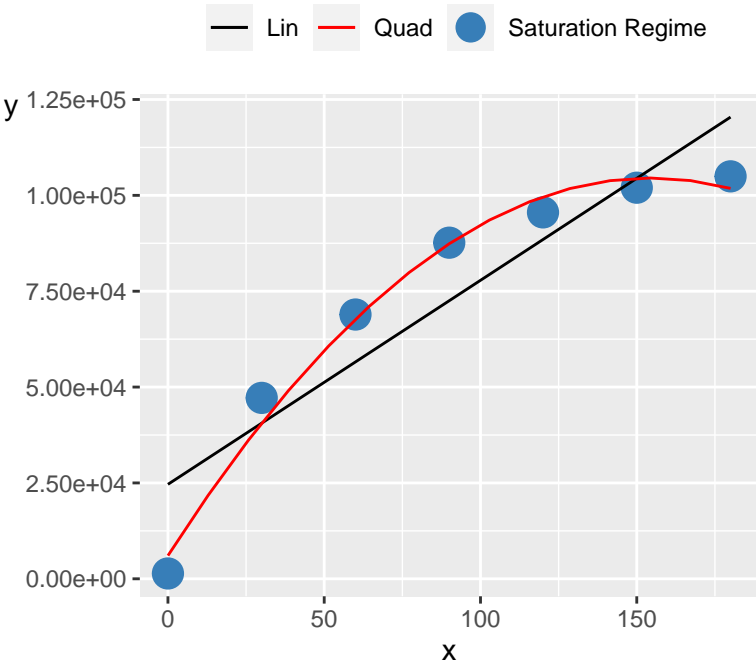
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 78.16             |
| mandel_p_val  | 6.37e-03          |
| concavity     | -7.25             |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 27.39             |

Saturation Regime 111



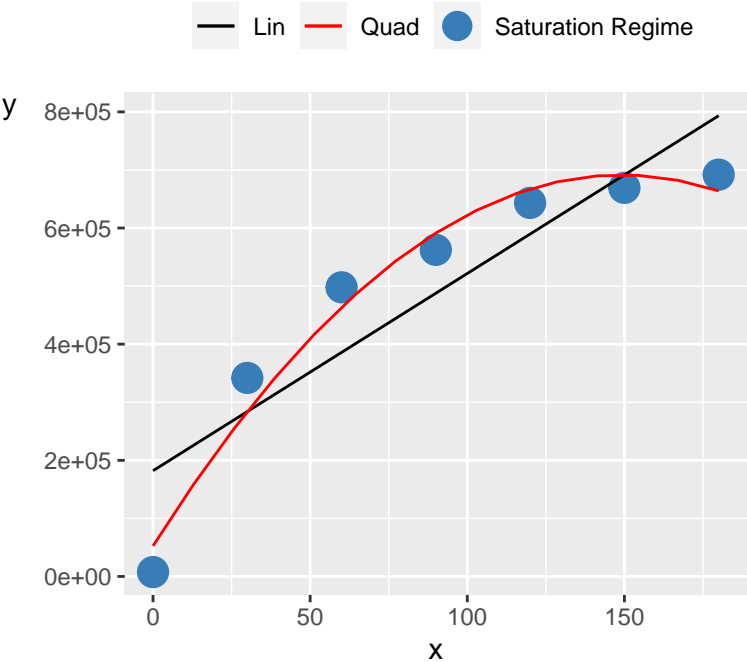
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 72.85             |
| mandel_p_val  | 7.44e-04          |
| concavity     | -5.03             |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.84              |
| mandel_stats  | 86.47             |

Saturation Regime 112



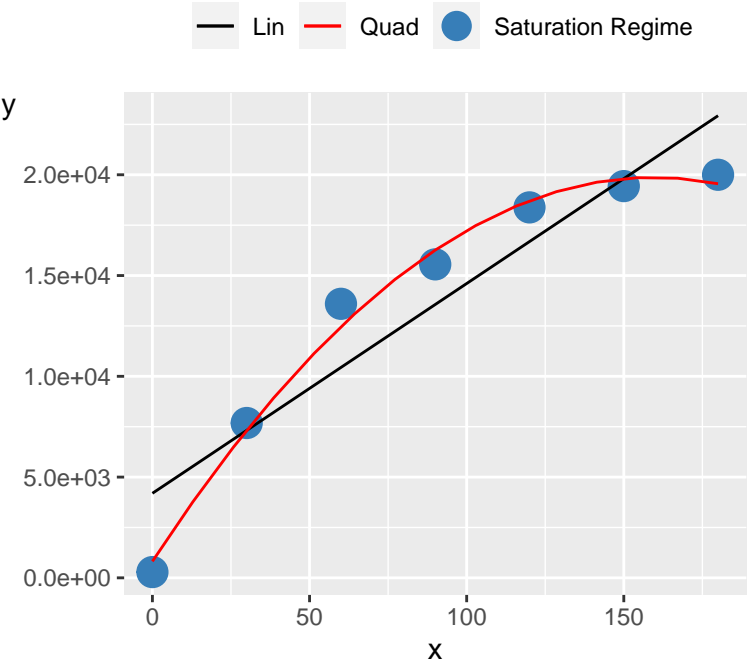
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 77.26             |
| mandel_p_val  | 2.38e-03          |
| concavity     | -4.13             |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 46.88             |

Saturation Regime 113



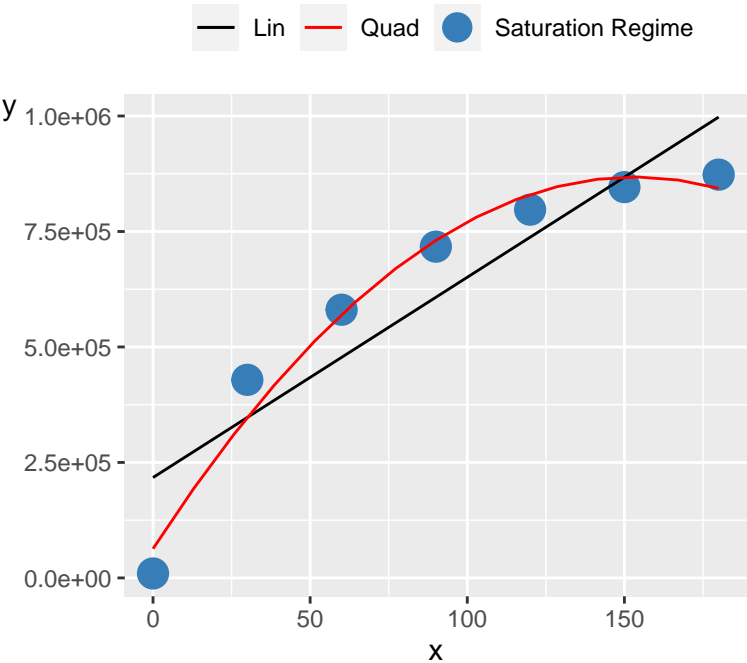
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.90              |
| pra_linear    | 74.87             |
| mandel_p_val  | 7.86e-03          |
| concavity     | -28.78            |
| r2_linear     | 0.82              |
| r2_adj_linear | 0.78              |
| mandel_stats  | 24.33             |

Saturation Regime 114



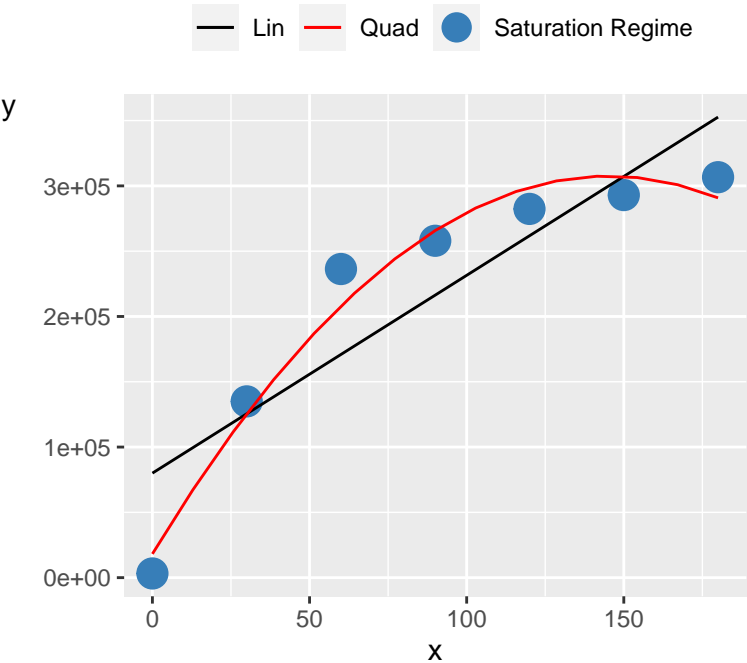
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 72.35             |
| mandel_p_val  | 1.60e-03          |
| concavity     | -0.75             |
| r2_linear     | 0.87              |
| r2_adj_linear | 0.84              |
| mandel_stats  | 57.95             |

Saturation Regime 115



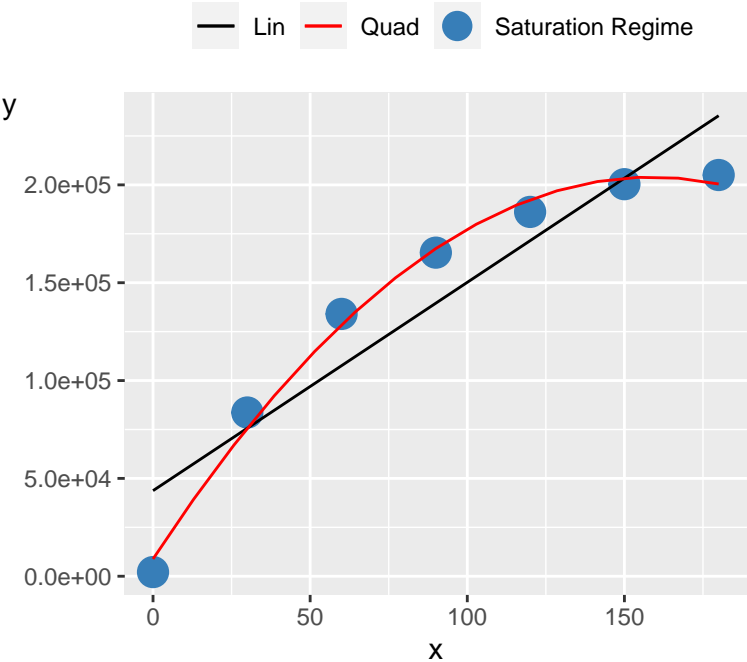
|               |                   |
|---------------|-------------------|
| wf1_group     | Good Linearity    |
| wf2_group     | Good Linearity    |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 81.14             |
| mandel_p_val  | 6.93e-03          |
| concavity     | -34.24            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 26.13             |

Saturation Regime 116



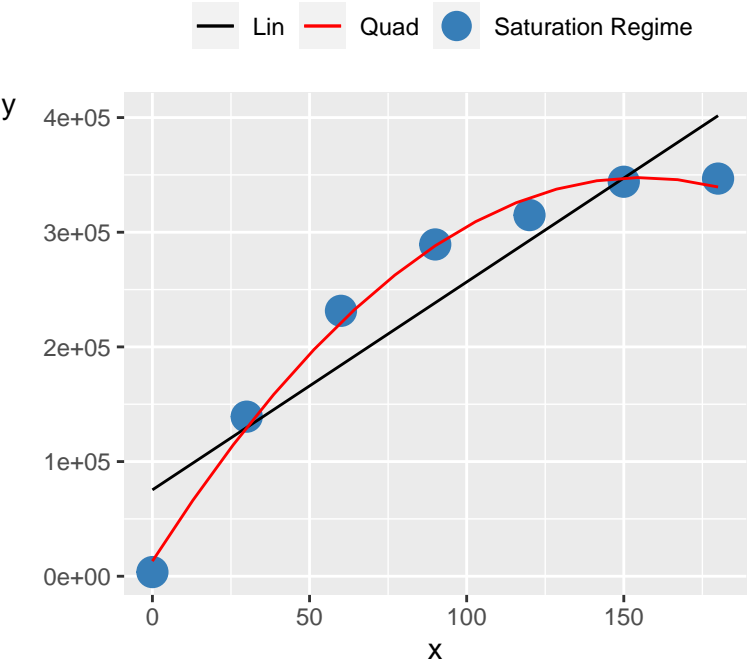
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.89              |
| pra_linear    | 60.31             |
| mandel_p_val  | 6.55e-03          |
| concavity     | -13.74            |
| r2_linear     | 0.80              |
| r2_adj_linear | 0.76              |
| mandel_stats  | 26.96             |

Saturation Regime 117



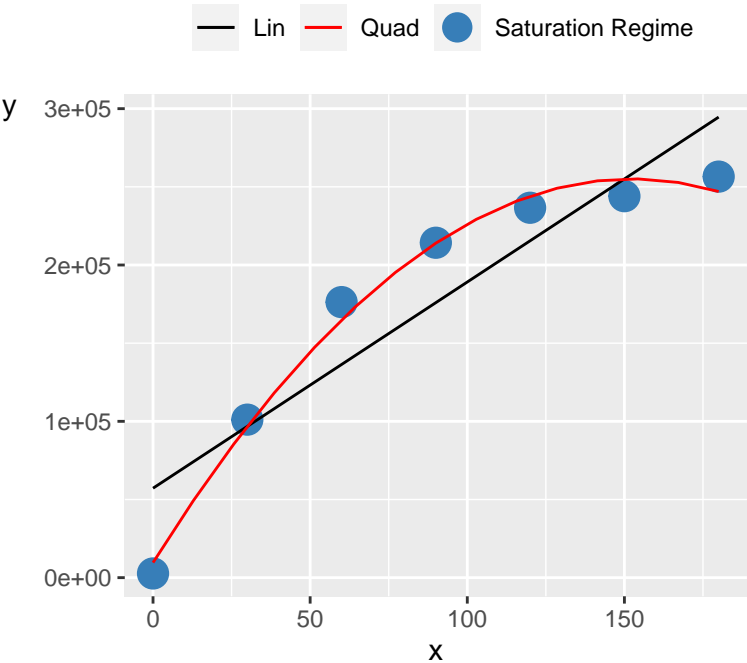
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 75.74             |
| mandel_p_val  | 9.34e-04          |
| concavity     | -7.76             |
| r2_linear     | 0.87              |
| r2_adj_linear | 0.84              |
| mandel_stats  | 76.82             |

Saturation Regime 118



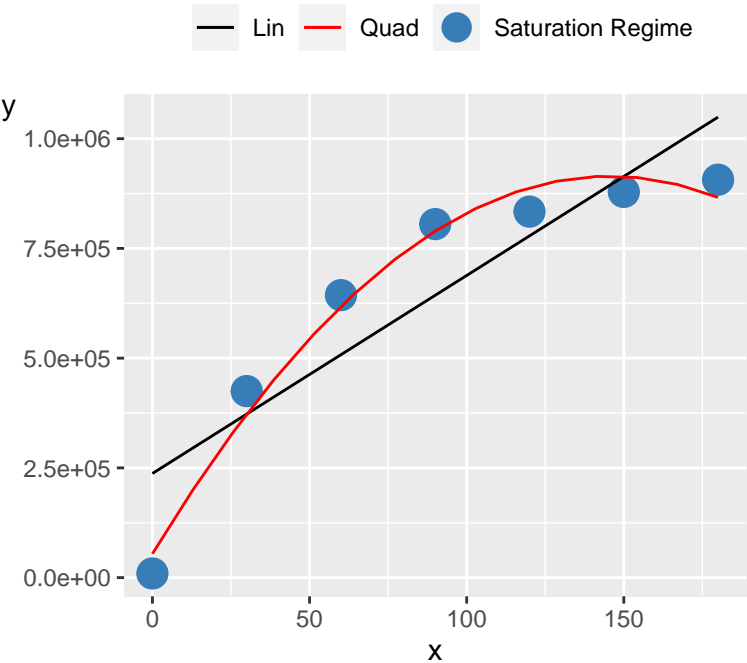
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 72.26             |
| mandel_p_val  | 6.91e-04          |
| concavity     | -13.82            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 89.89             |

Saturation Regime 119



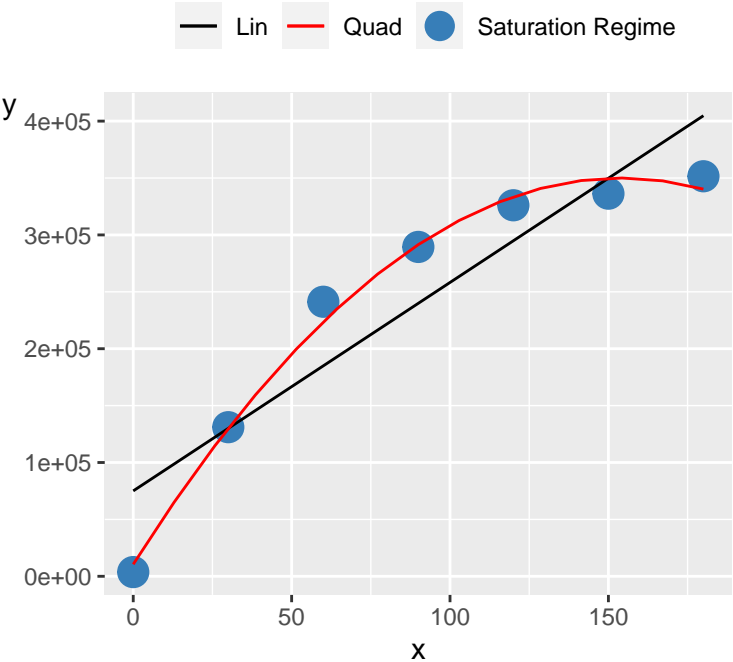
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 67.62             |
| mandel_p_val  | 1.26e-03          |
| concavity     | -10.58            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 65.71             |

Saturation Regime 120

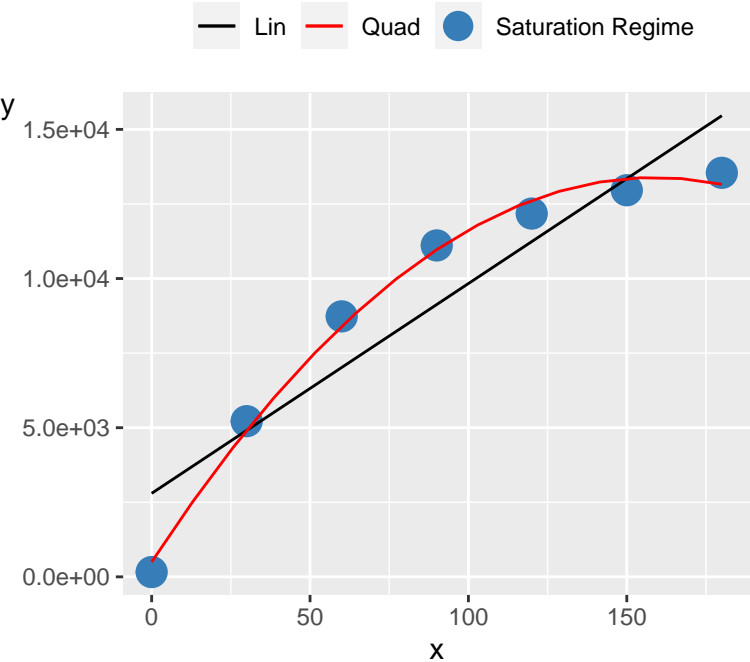


|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.90              |
| pra_linear    | 68.43             |
| mandel_p_val  | 3.34e-03          |
| concavity     | -40.66            |
| r2_linear     | 0.81              |
| r2_adj_linear | 0.77              |
| mandel_stats  | 39.10             |

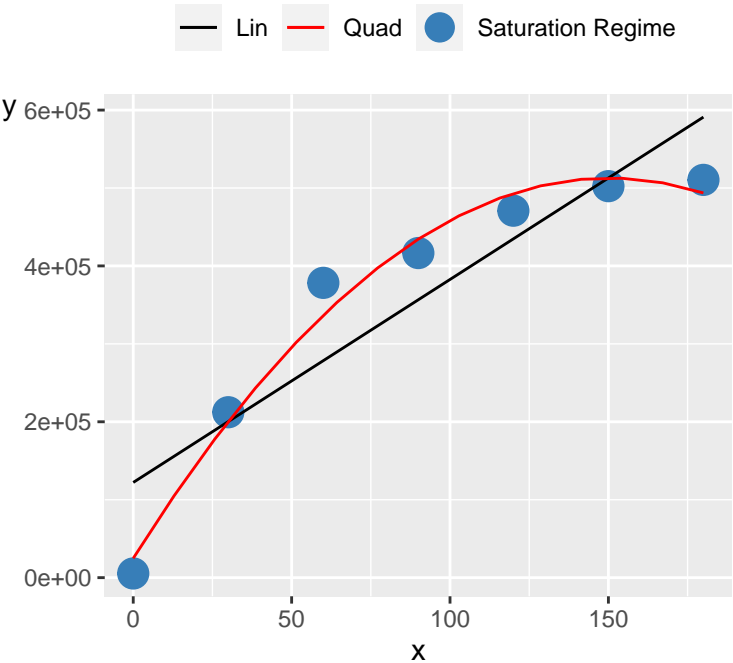
Saturation Regime 121



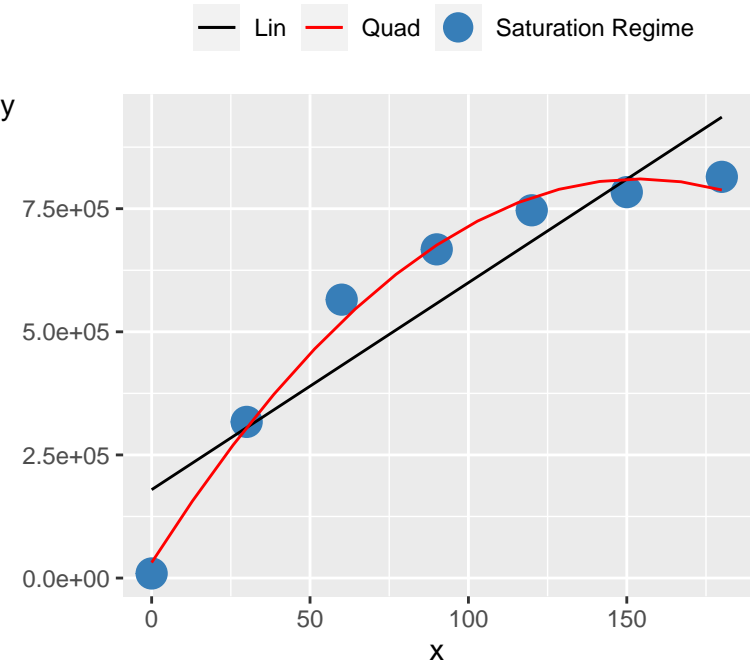
Saturation Regime 122



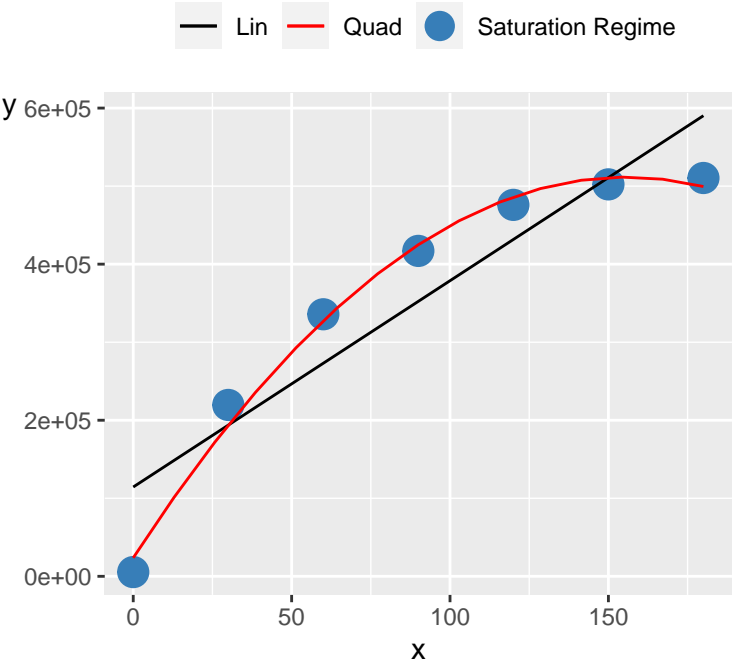
Saturation Regime 123



Saturation Regime 124

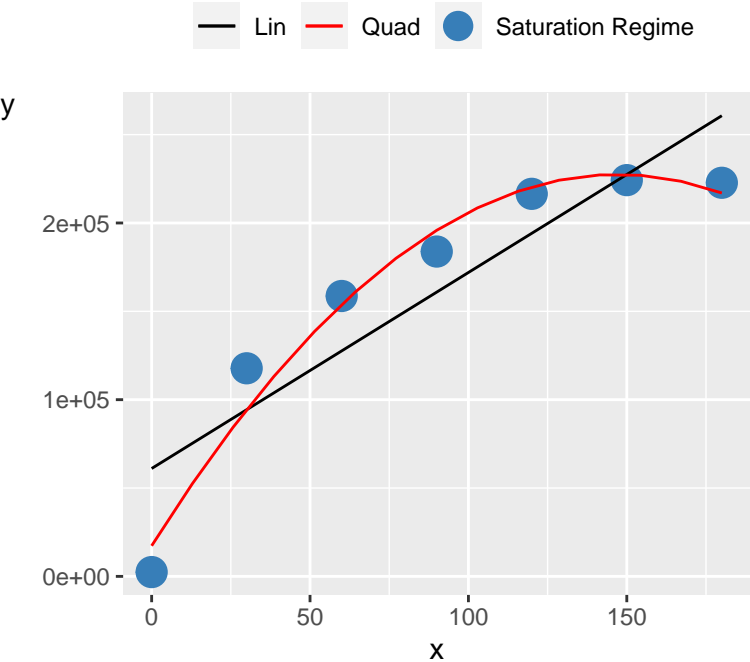


Saturation Regime 125



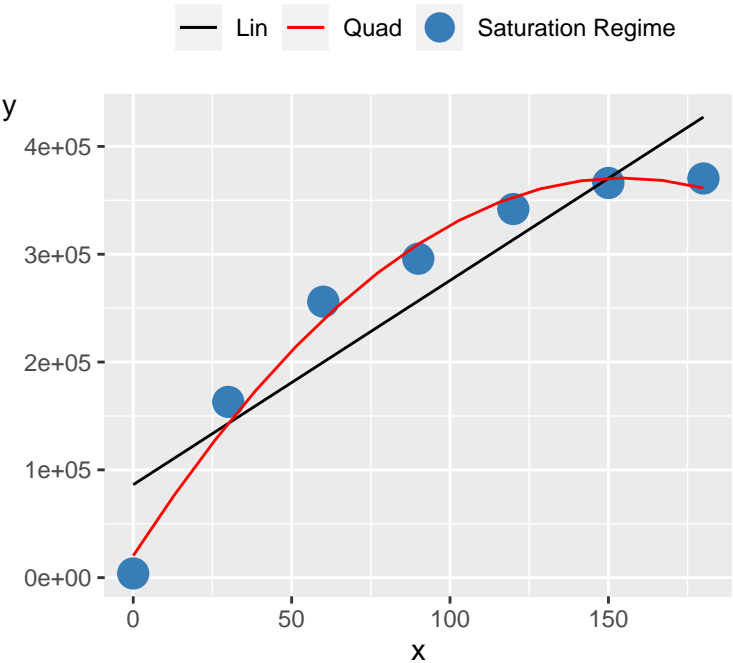
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 76.14             |
| mandel_p_val  | 9.23e-04          |
| concavity     | -20.16            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 77.29             |

Saturation Regime 126



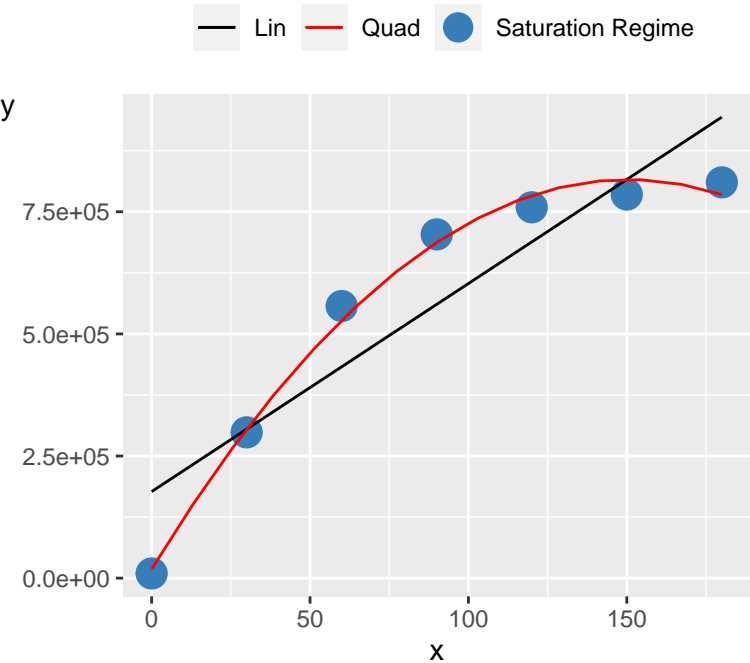
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.90              |
| pra_linear    | 77.92             |
| mandel_p_val  | 7.09e-03          |
| concavity     | -9.72             |
| r2_linear     | 0.81              |
| r2_adj_linear | 0.77              |
| mandel_stats  | 25.78             |

Saturation Regime 127



|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 74.63             |
| mandel_p_val  | 2.79e-03          |
| concavity     | -14.63            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 43.09             |

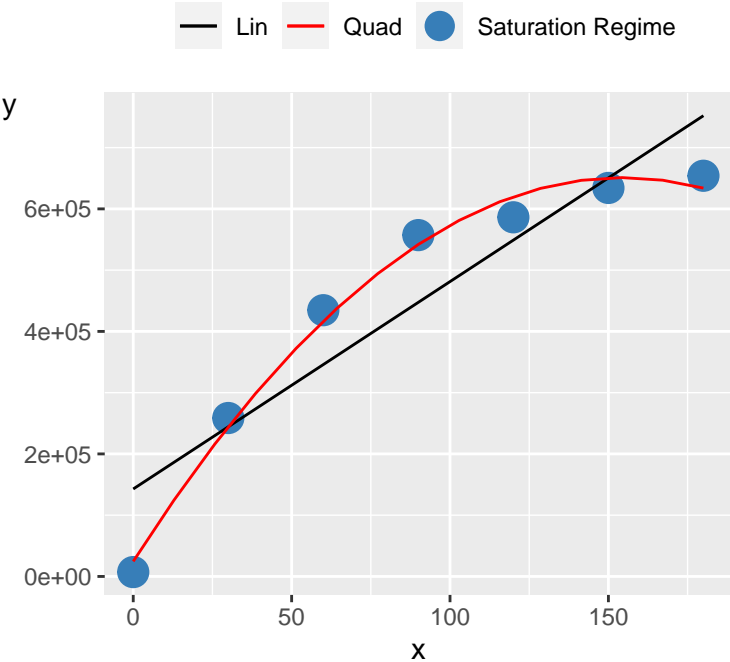
Saturation Regime 128



|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 64.00             |
| mandel_p_val  | 5.65e-04          |
| concavity     | -35.24            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 99.71             |

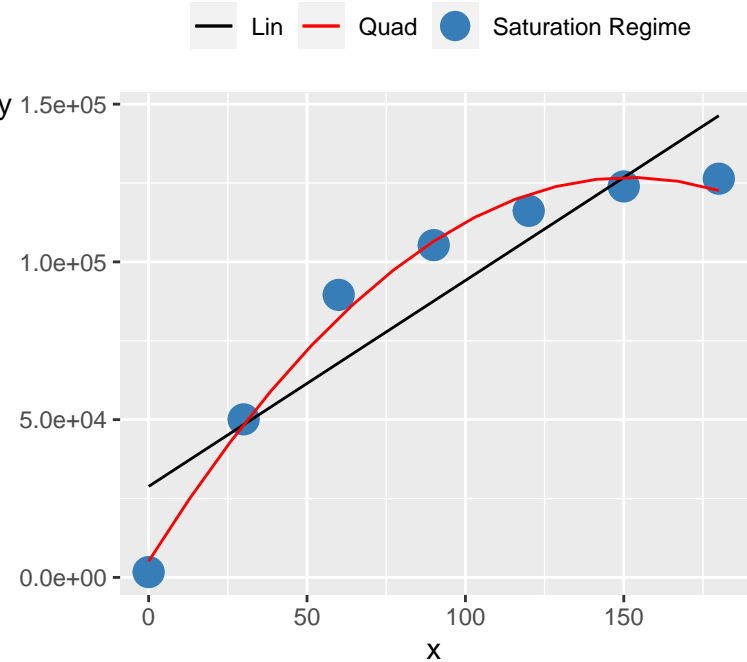


Saturation Regime 129



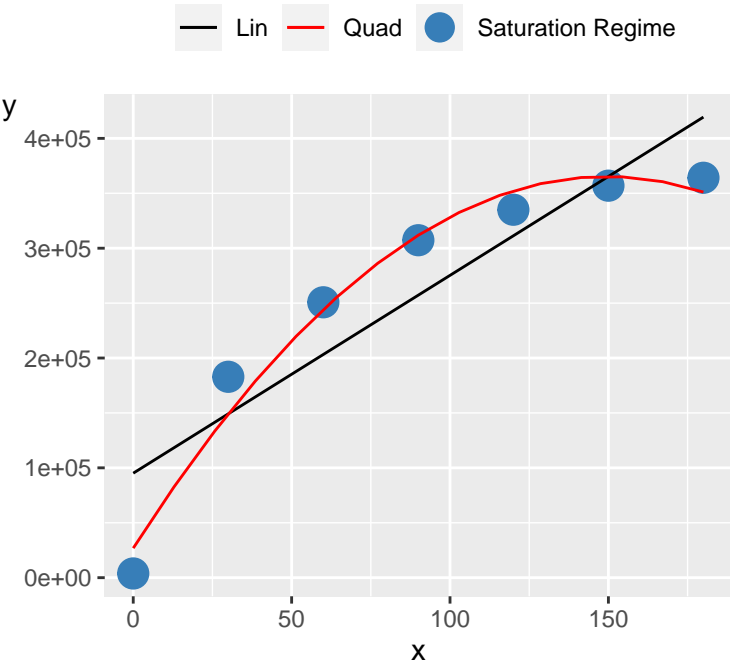
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 70.98             |
| mandel_p_val  | 1.27e-03          |
| concavity     | -26.26            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 65.51             |

Saturation Regime 130



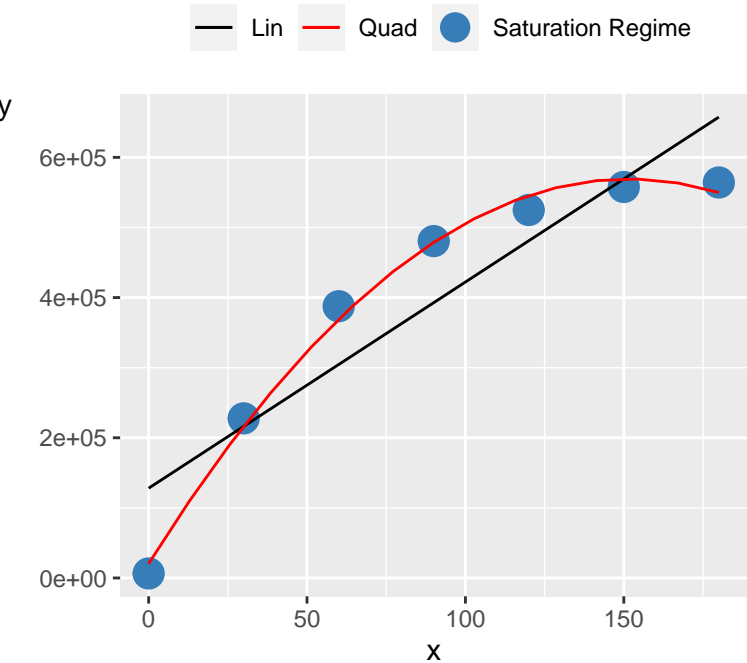
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 66.87             |
| mandel_p_val  | 1.35e-03          |
| concavity     | -5.27             |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 63.42             |

Saturation Regime 131



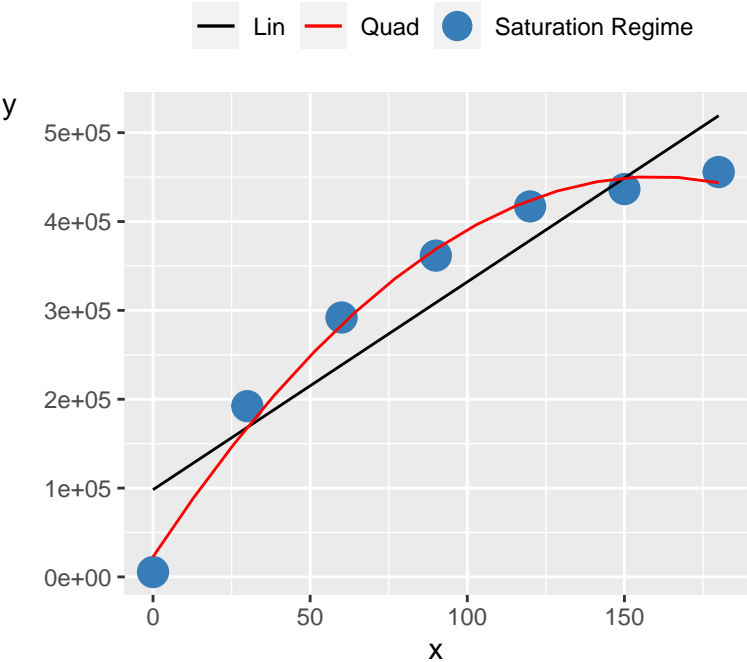
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 77.90             |
| mandel_p_val  | 6.29e-03          |
| concavity     | -15.17            |
| r2_linear     | 0.82              |
| r2_adj_linear | 0.78              |
| mandel_stats  | 27.58             |

Saturation Regime 132



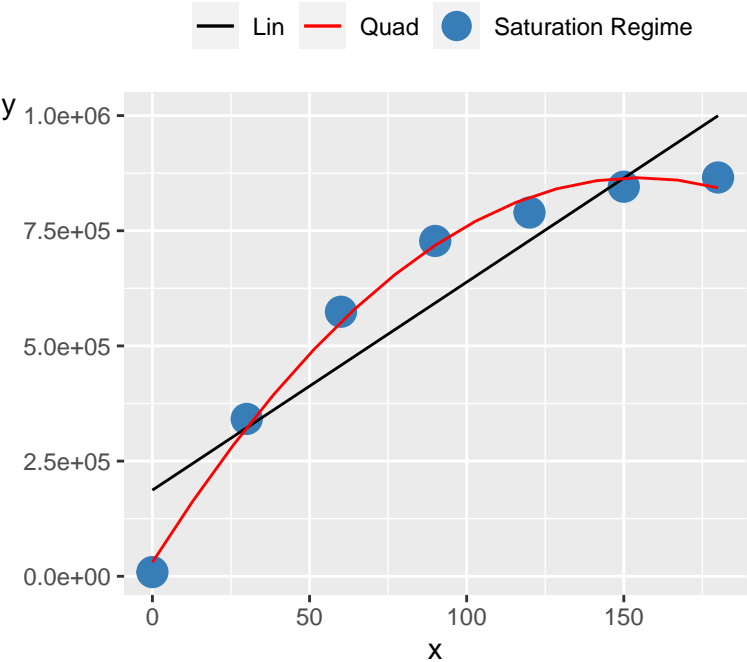
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 68.70             |
| mandel_p_val  | 4.78e-04          |
| concavity     | -23.91            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 108.68            |

Saturation Regime 133



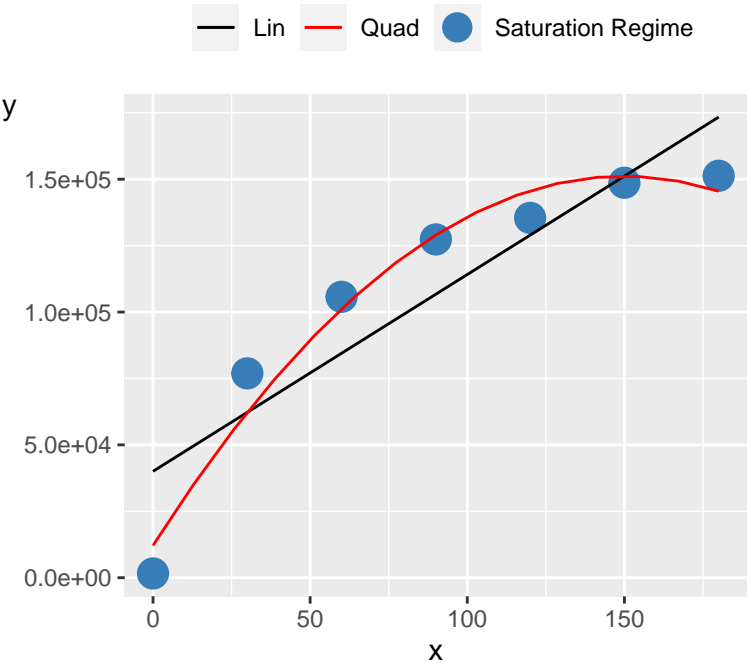
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 78.73             |
| mandel_p_val  | 1.65e-03          |
| concavity     | -16.77            |
| r2_linear     | 0.87              |
| r2_adj_linear | 0.84              |
| mandel_stats  | 57.01             |

Saturation Regime 134



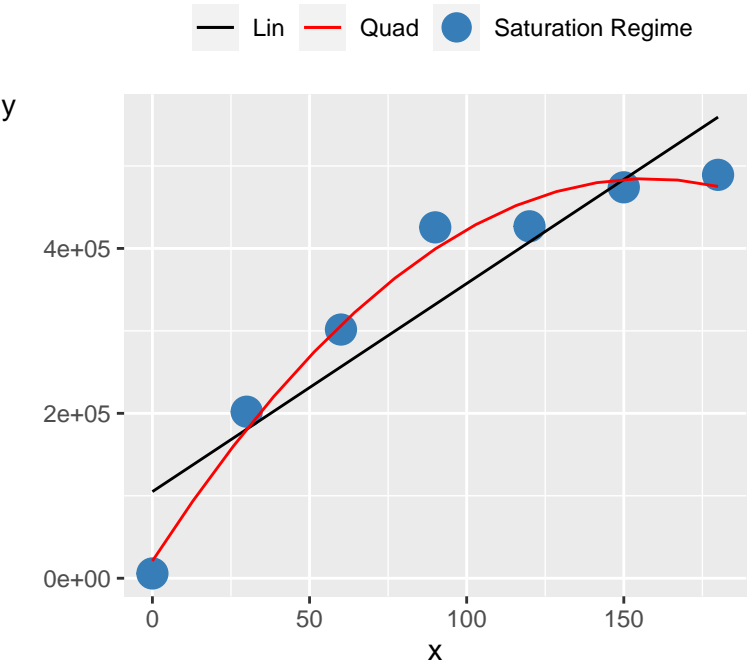
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 71.51             |
| mandel_p_val  | 5.85e-04          |
| concavity     | -34.78            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 97.95             |

Saturation Regime 135



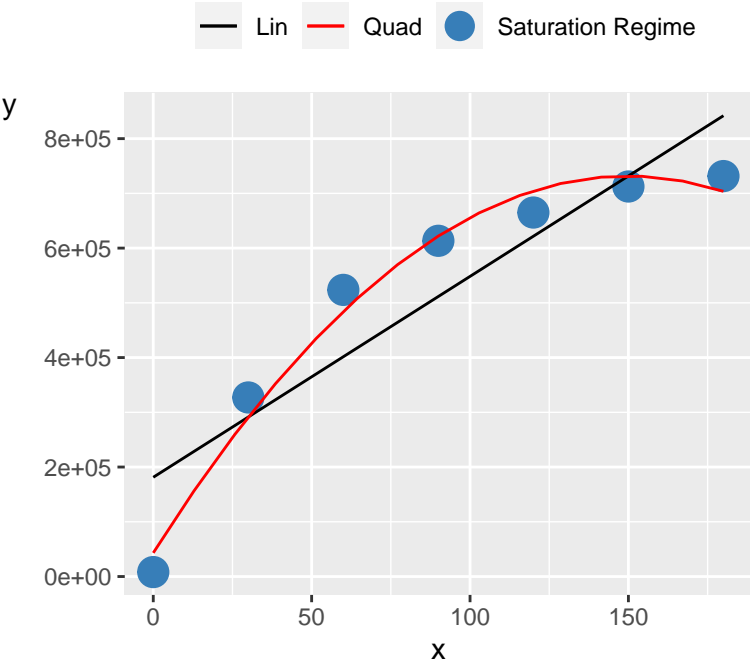
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.90              |
| pra_linear    | 78.06             |
| mandel_p_val  | 0.01              |
| concavity     | -6.20             |
| r2_linear     | 0.82              |
| r2_adj_linear | 0.78              |
| mandel_stats  | 21.16             |

Saturation Regime 136



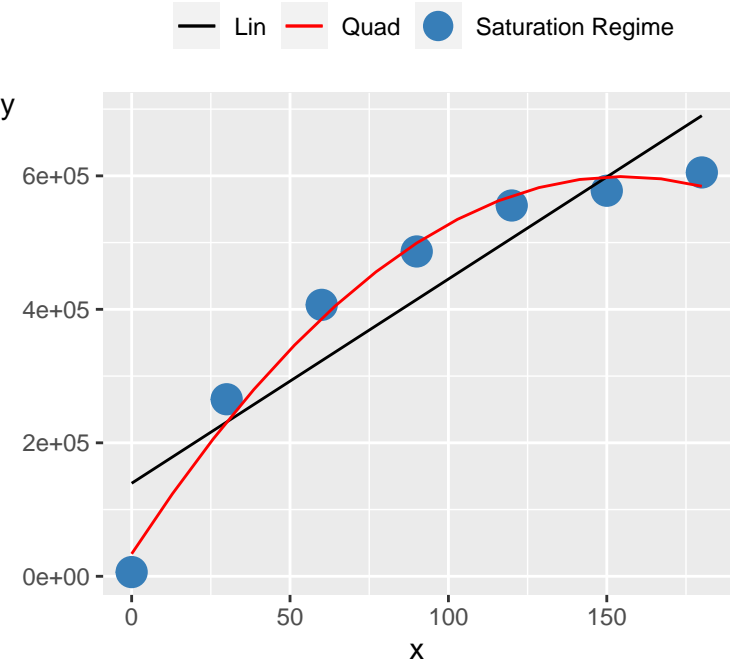
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 76.78             |
| mandel_p_val  | 3.97e-03          |
| concavity     | -18.68            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 35.56             |

Saturation Regime 137



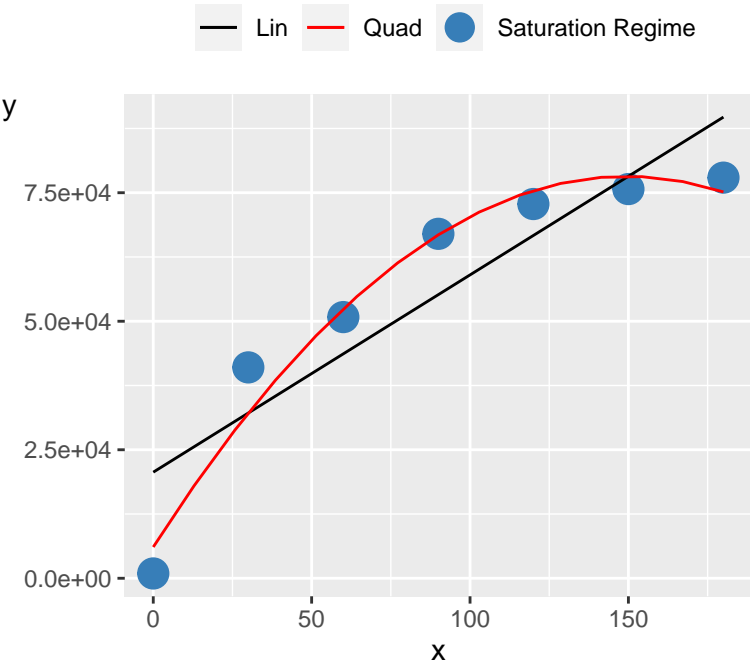
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 69.87             |
| mandel_p_val  | 3.60e-03          |
| concavity     | -30.70            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 37.53             |

Saturation Regime 138



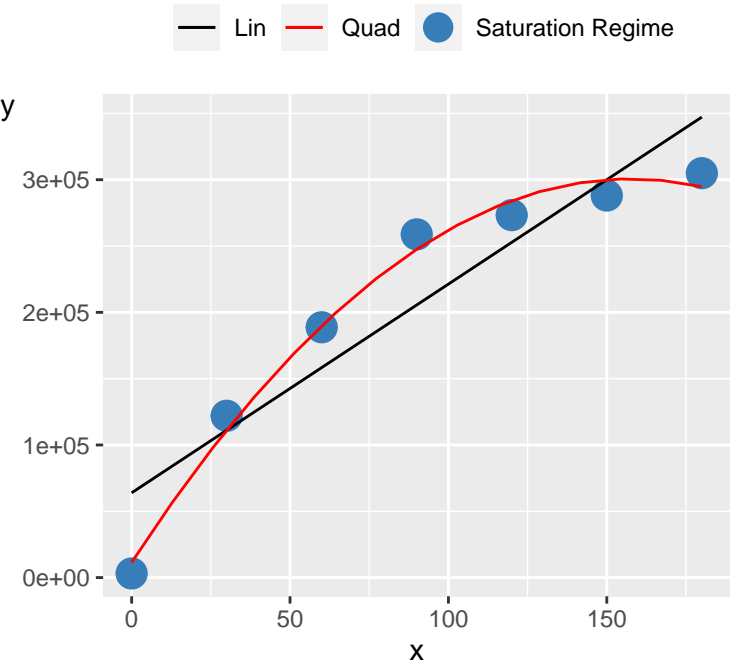
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 75.70             |
| mandel_p_val  | 2.87e-03          |
| concavity     | -23.50            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 42.40             |

Saturation Regime 139



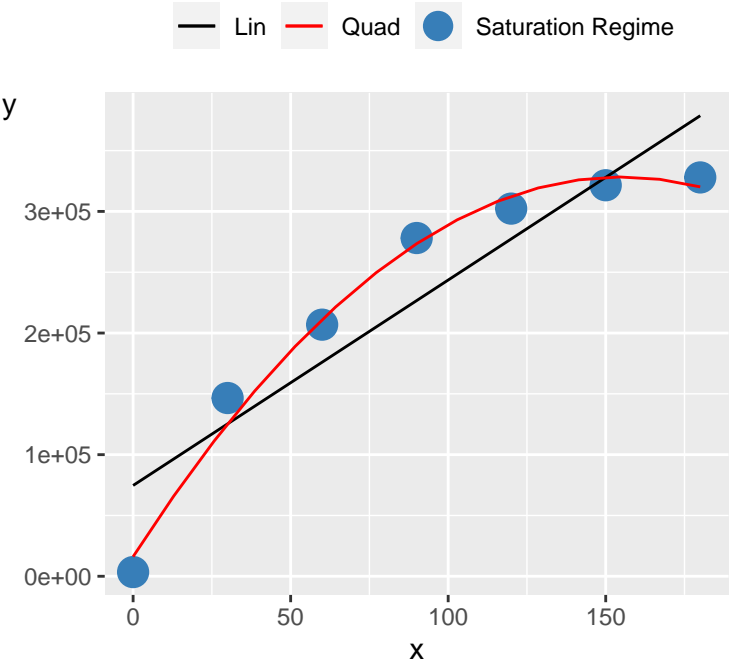
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.90              |
| pra_linear    | 78.94             |
| mandel_p_val  | 9.27e-03          |
| concavity     | -3.23             |
| r2_linear     | 0.82              |
| r2_adj_linear | 0.78              |
| mandel_stats  | 22.14             |

Saturation Regime 140



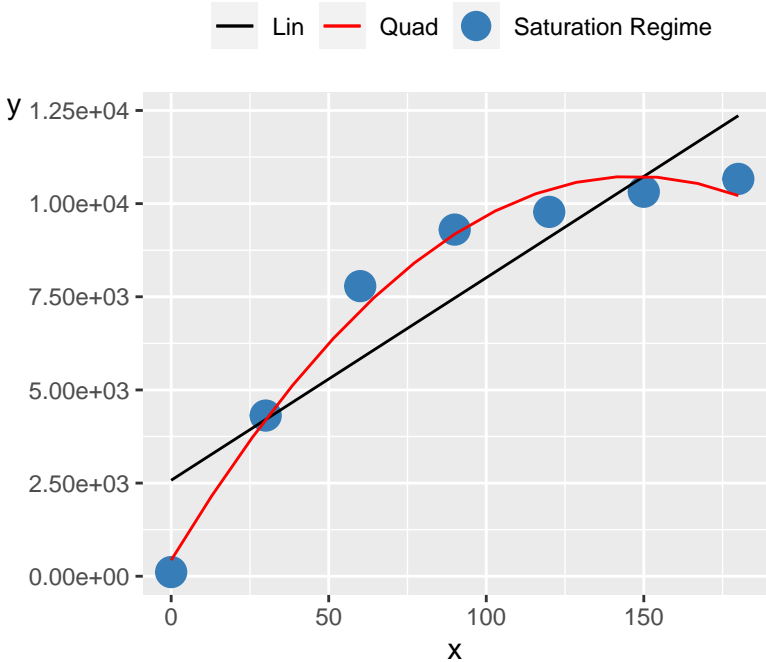
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 75.49             |
| mandel_p_val  | 1.81e-03          |
| concavity     | -11.66            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.84              |
| mandel_stats  | 54.32             |

Saturation Regime 141



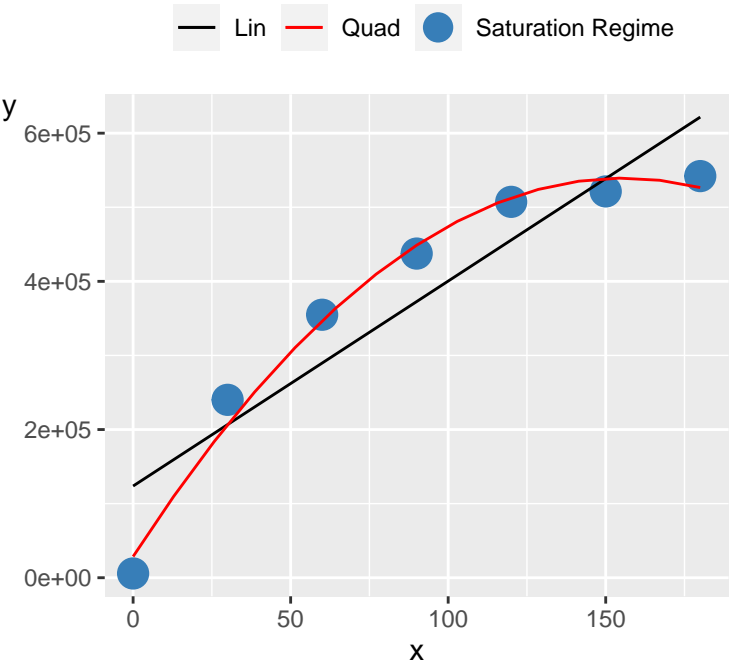
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 77.85             |
| mandel_p_val  | 1.84e−03          |
| concavity     | −13.00            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 53.72             |

Saturation Regime 142



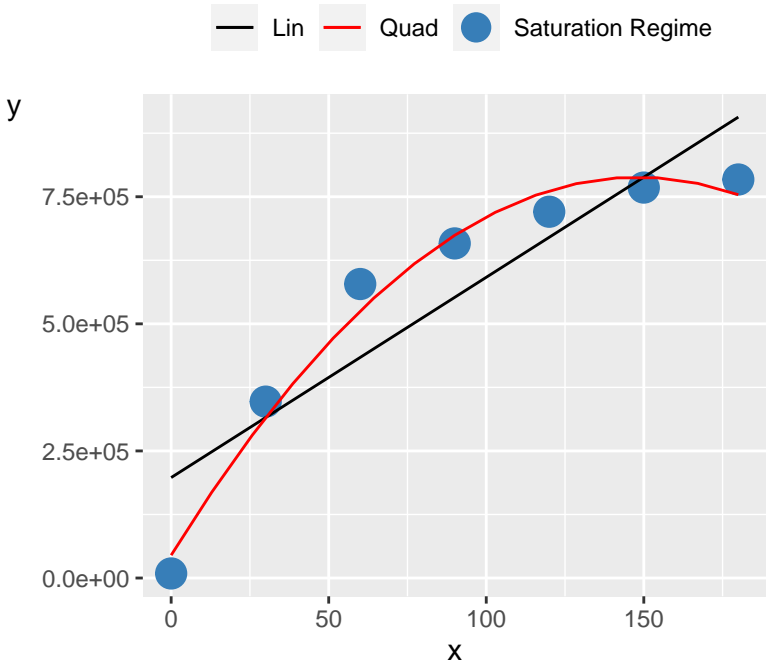
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.90              |
| pra_linear    | 61.63             |
| mandel_p_val  | 2.33e−03          |
| concavity     | −0.48             |
| r2_linear     | 0.82              |
| r2_adj_linear | 0.78              |
| mandel_stats  | 47.44             |

Saturation Regime 143



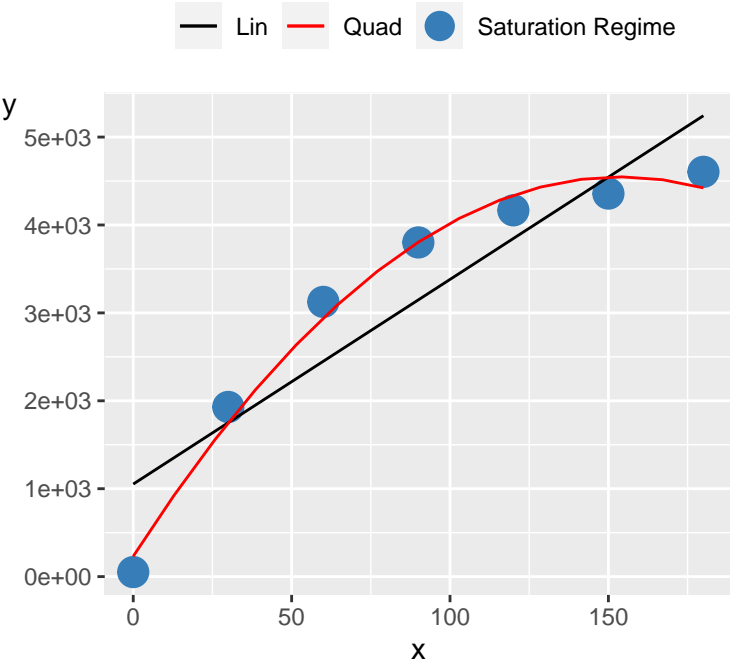
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 77.71             |
| mandel_p_val  | 2.06e−03          |
| concavity     | −21.13            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 50.66             |

Saturation Regime 144



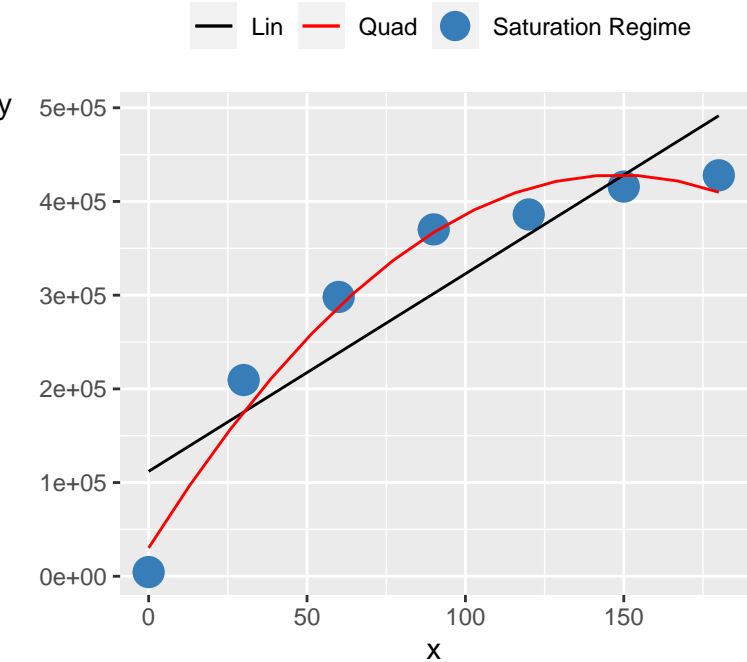
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.90              |
| pra_linear    | 66.52             |
| mandel_p_val  | 3.59e−03          |
| concavity     | −33.93            |
| r2_linear     | 0.82              |
| r2_adj_linear | 0.78              |
| mandel_stats  | 37.56             |

Saturation Regime 145



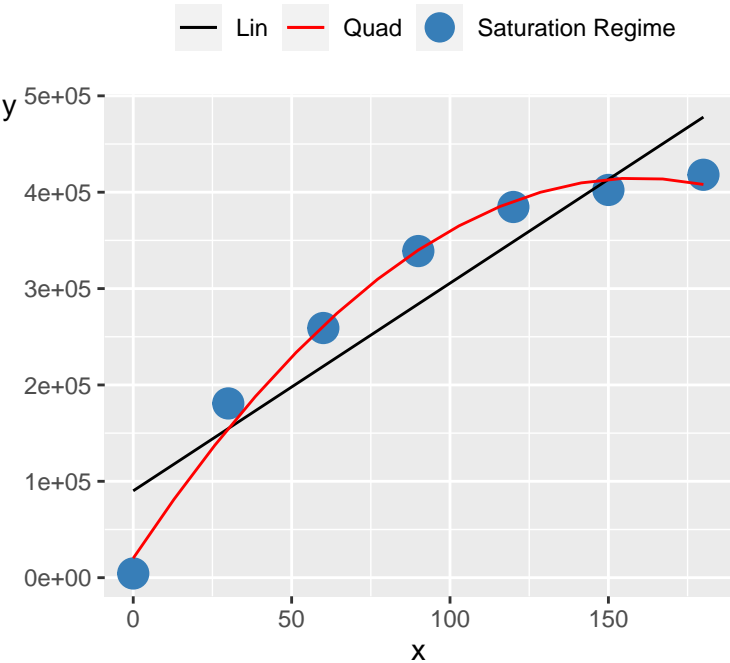
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 71.68             |
| mandel_p_val  | 2.44e-03          |
| concavity     | -0.18             |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 46.23             |

Saturation Regime 146



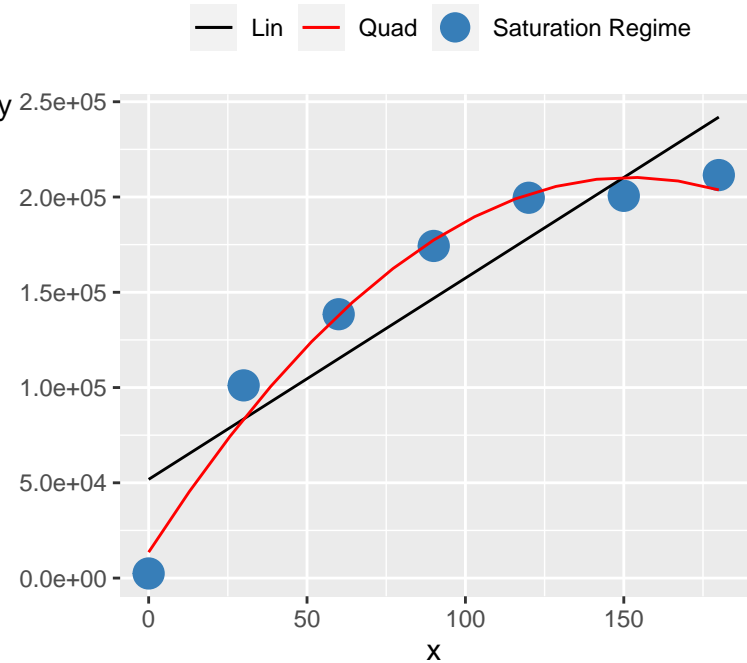
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.90              |
| pra_linear    | 74.48             |
| mandel_p_val  | 6.19e-03          |
| concavity     | -18.14            |
| r2_linear     | 0.81              |
| r2_adj_linear | 0.78              |
| mandel_stats  | 27.84             |

Saturation Regime 147



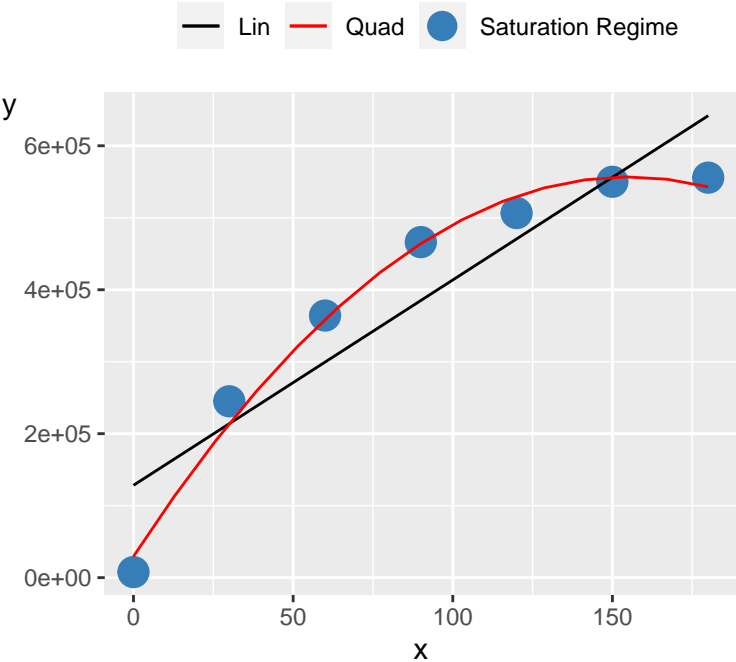
|               |                   |
|---------------|-------------------|
| wf1_group     | Good Linearity    |
| wf2_group     | Good Linearity    |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 80.75             |
| mandel_p_val  | 1.76e-03          |
| concavity     | -15.54            |
| r2_linear     | 0.87              |
| r2_adj_linear | 0.84              |
| mandel_stats  | 55.08             |

Saturation Regime 148



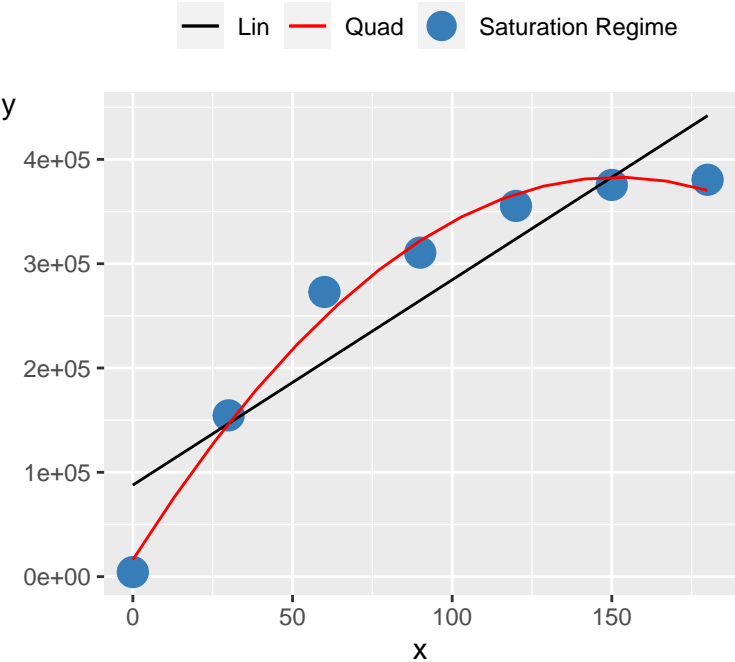
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 78.96             |
| mandel_p_val  | 4.67e-03          |
| concavity     | -8.49             |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 32.52             |

Saturation Regime 149



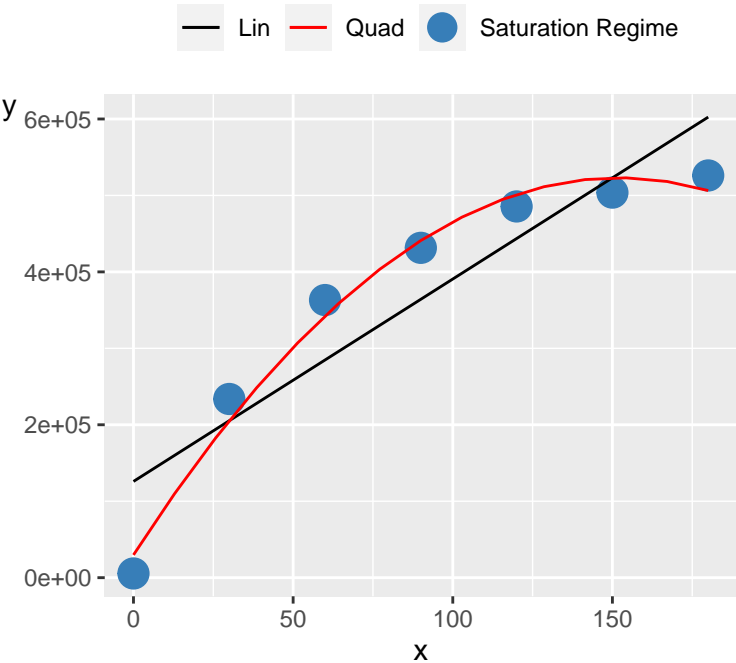
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 76.59             |
| mandel_p_val  | 1.55e-03          |
| concavity     | -21.95            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 58.92             |

Saturation Regime 150



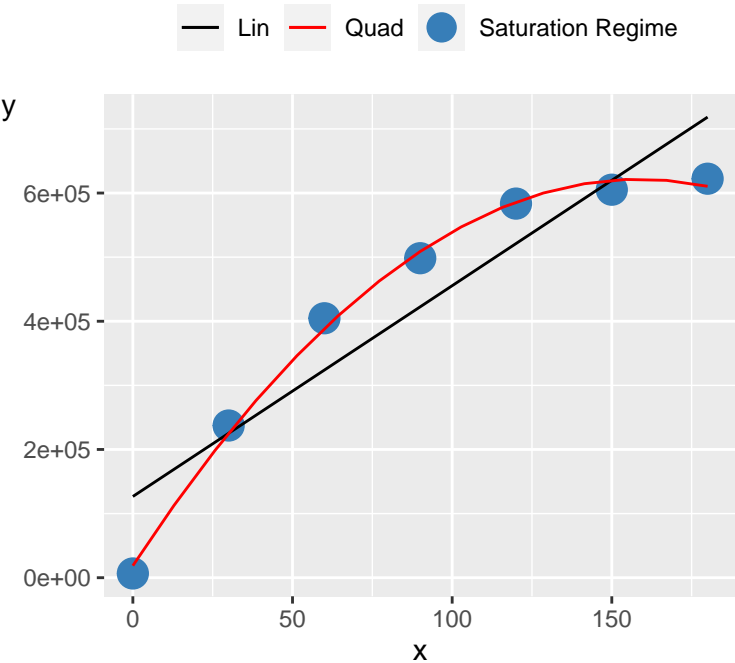
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 67.52             |
| mandel_p_val  | 1.63e-03          |
| concavity     | -15.91            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 57.29             |

Saturation Regime 151



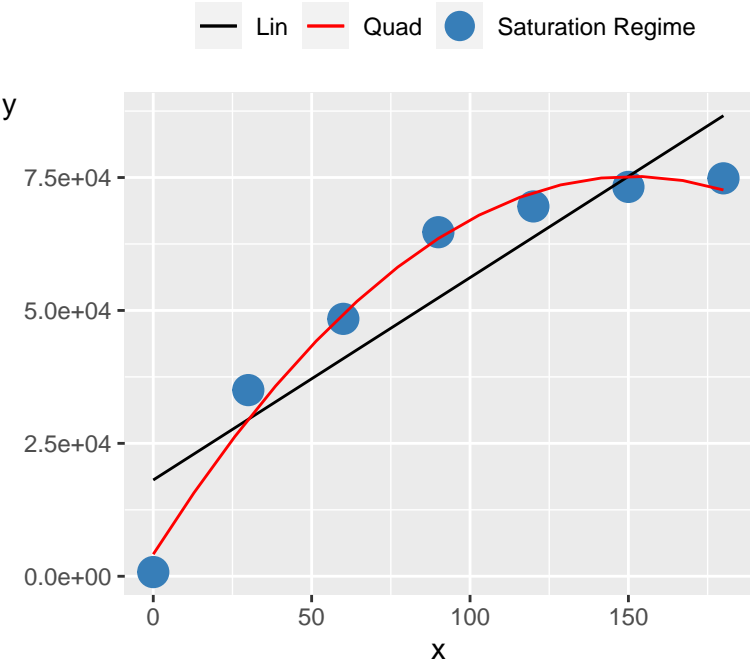
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 72.95             |
| mandel_p_val  | 2.88e-03          |
| concavity     | -21.35            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 42.33             |

Saturation Regime 152

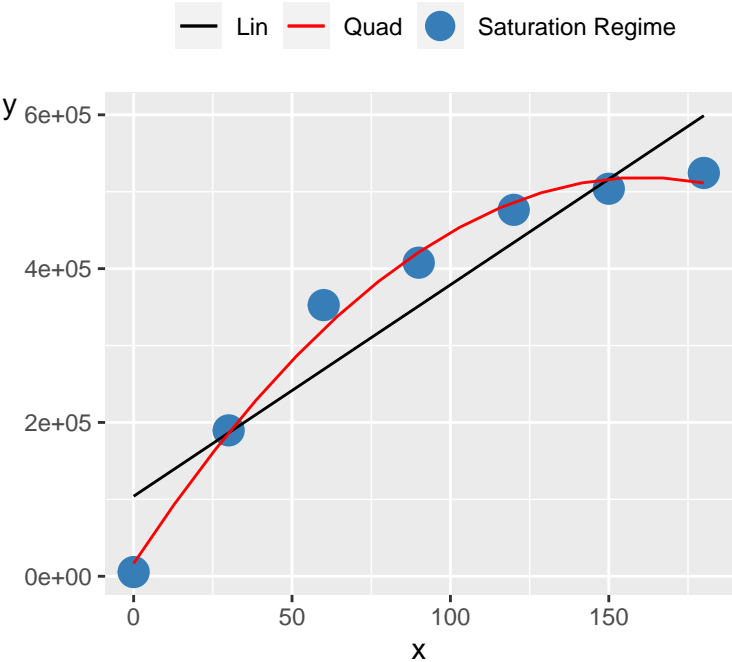


|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 73.61             |
| mandel_p_val  | 2.44e-04          |
| concavity     | -23.99            |
| r2_linear     | 0.87              |
| r2_adj_linear | 0.85              |
| mandel_stats  | 153.48            |

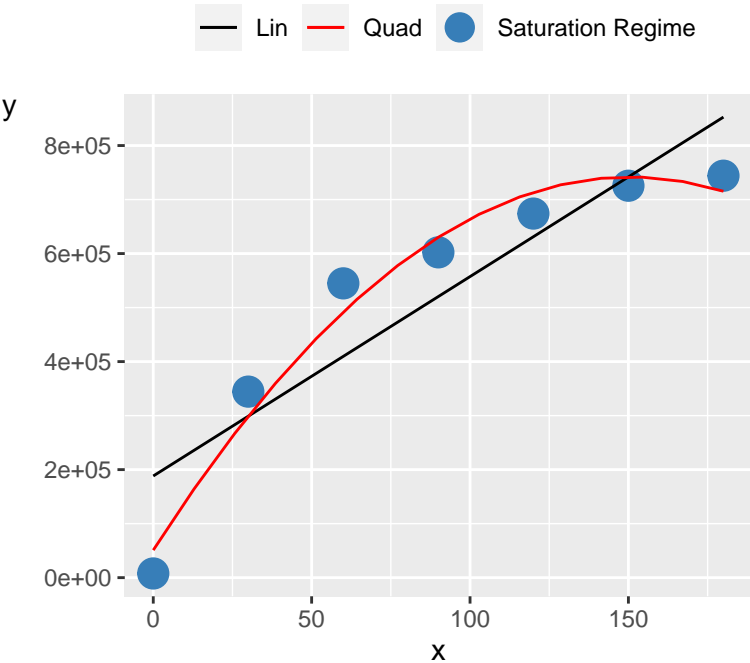
Saturation Regime 153



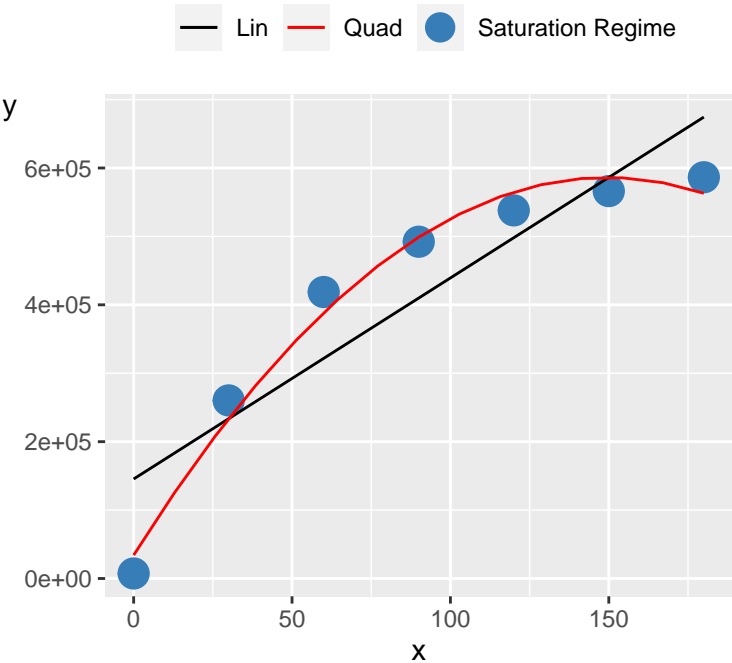
Saturation Regime 154



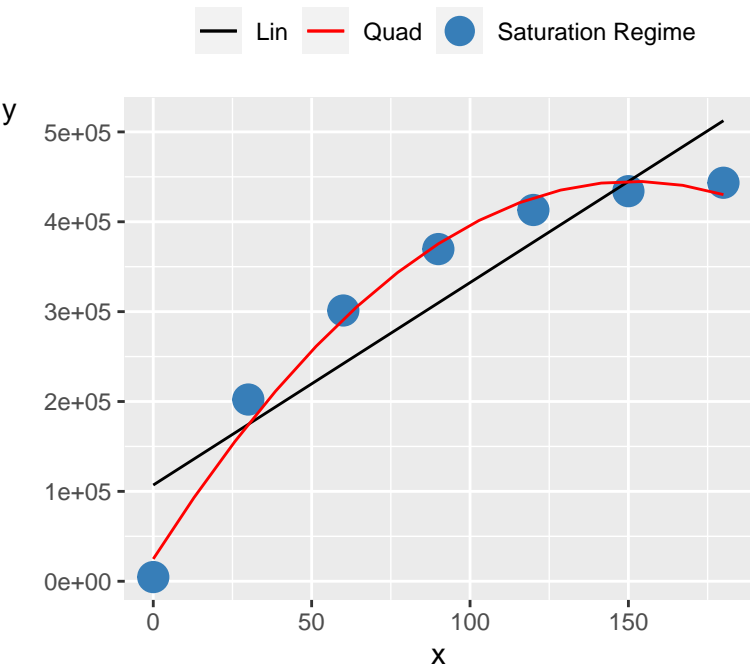
Saturation Regime 155



Saturation Regime 156

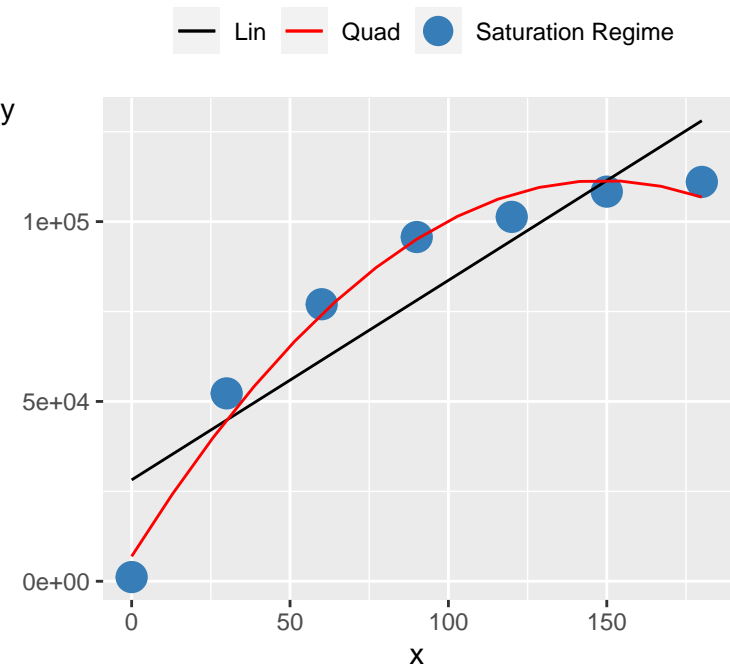


Saturation Regime 157



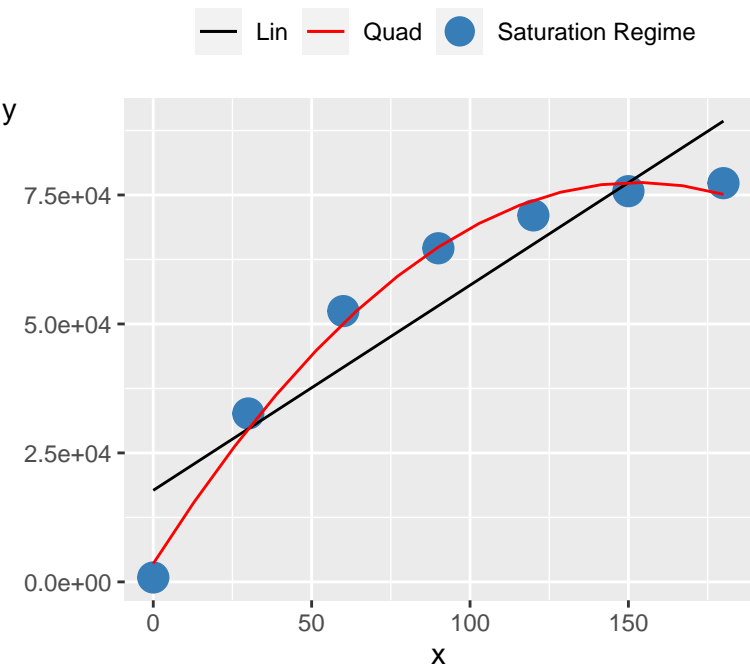
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 74.93             |
| mandel_p_val  | 2.01e-03          |
| concavity     | -18.27            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 51.26             |

Saturation Regime 158



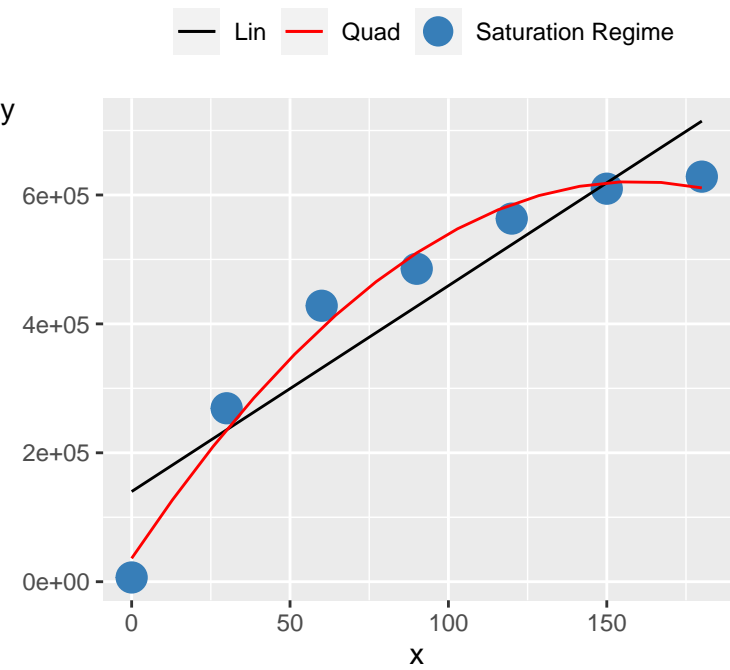
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 73.07             |
| mandel_p_val  | 3.62e-03          |
| concavity     | -4.72             |
| r2_linear     | 0.82              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 37.39             |

Saturation Regime 159



|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 72.13             |
| mandel_p_val  | 1.07e-03          |
| concavity     | -3.16             |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 71.72             |

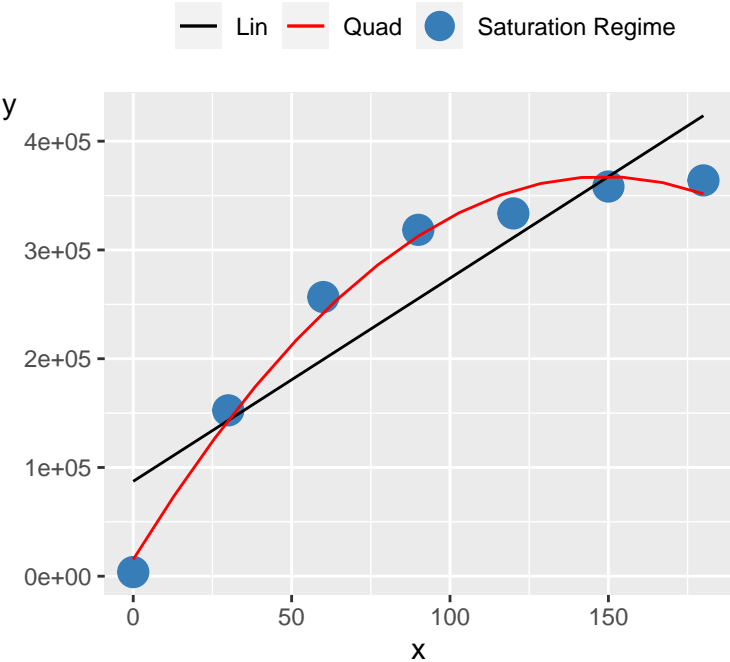
Saturation Regime 160



|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 76.67             |
| mandel_p_val  | 5.10e-03          |
| concavity     | -23.03            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.84              |
| mandel_stats  | 30.99             |

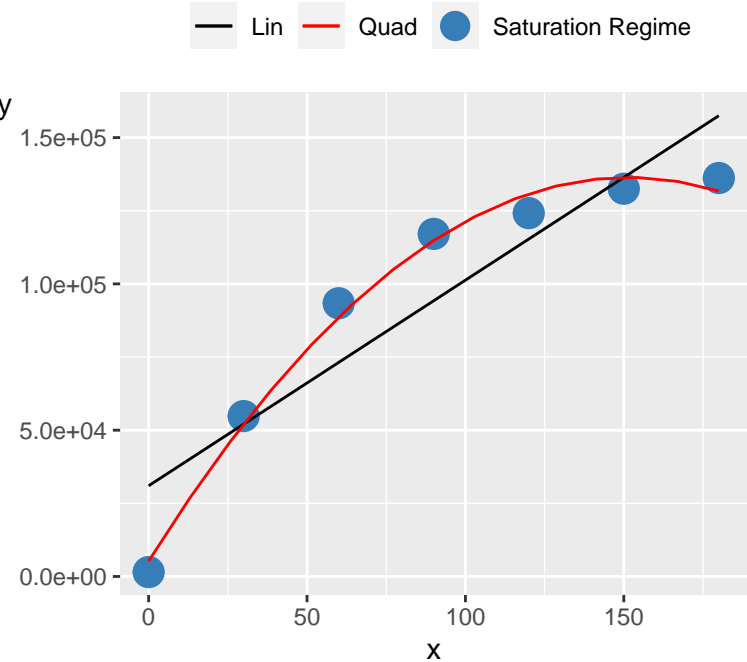


Saturation Regime 161



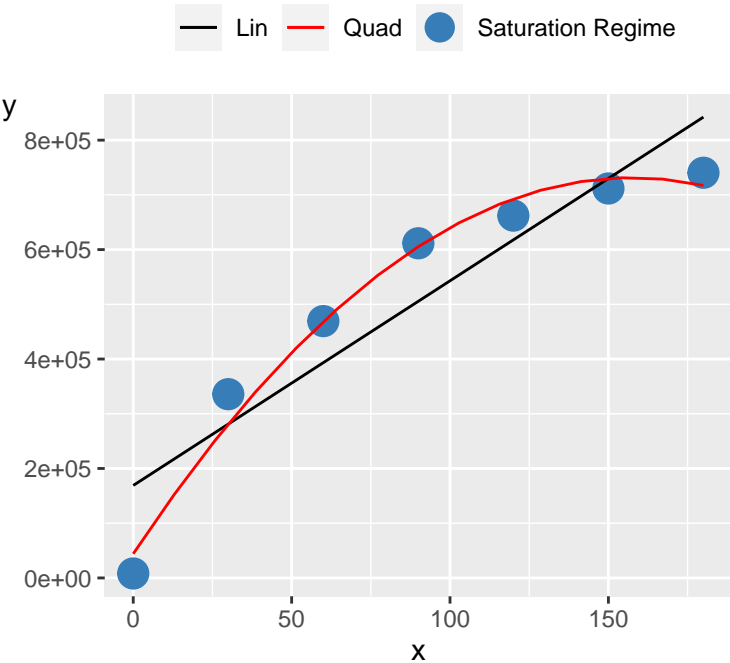
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 66.49             |
| mandel_p_val  | 1.43e-03          |
| concavity     | -15.95            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 61.40             |

Saturation Regime 162



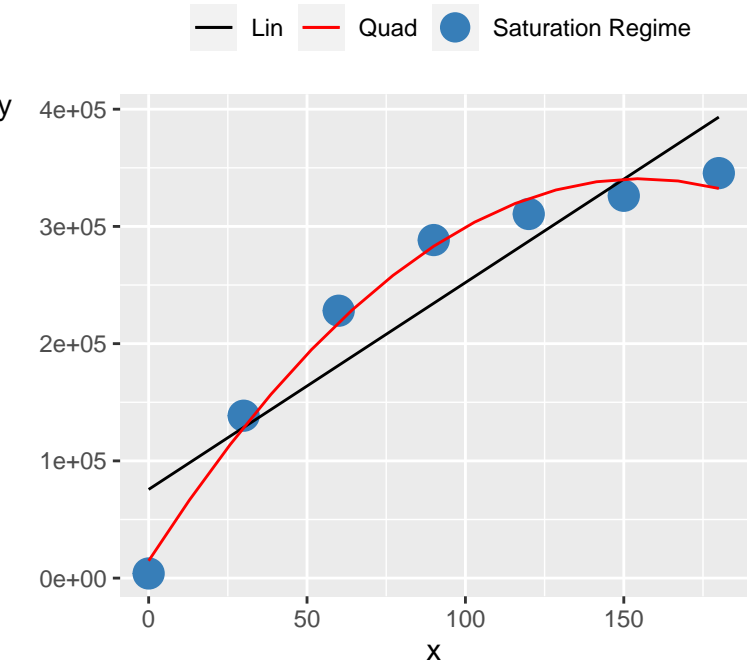
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 68.40             |
| mandel_p_val  | 1.12e-03          |
| concavity     | -5.72             |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 69.82             |

Saturation Regime 163



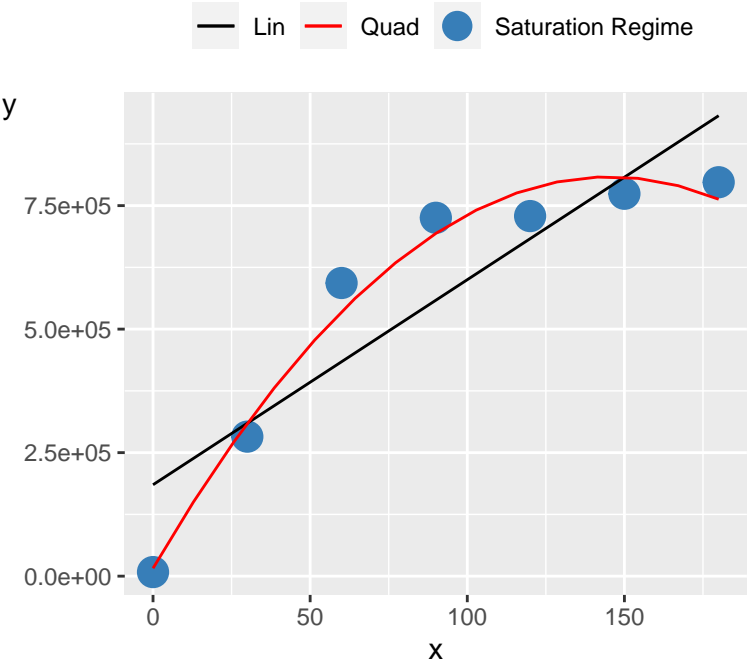
|               |                   |
|---------------|-------------------|
| wf1_group     | Good Linearity    |
| wf2_group     | Good Linearity    |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 81.01             |
| mandel_p_val  | 4.25e-03          |
| concavity     | -27.75            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 34.28             |

Saturation Regime 164



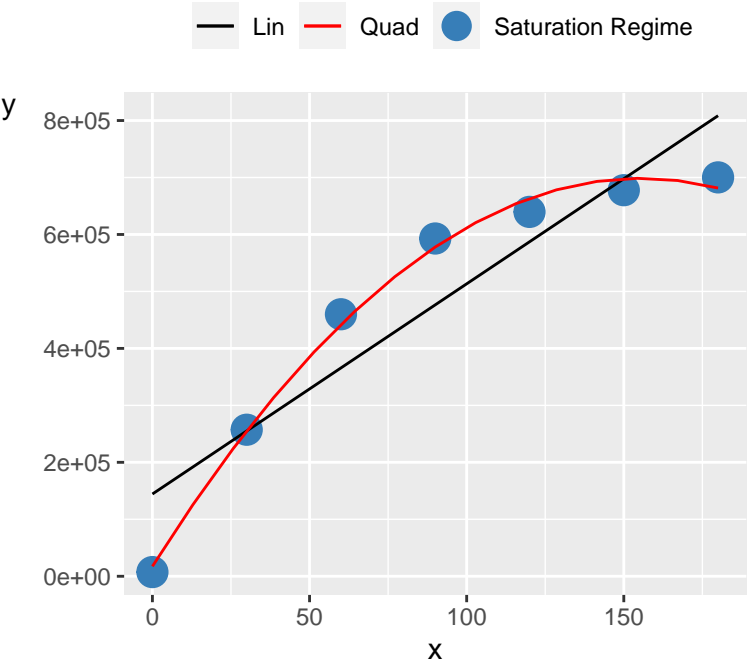
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 71.71             |
| mandel_p_val  | 1.72e-03          |
| concavity     | -13.53            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 55.74             |

Saturation Regime 165



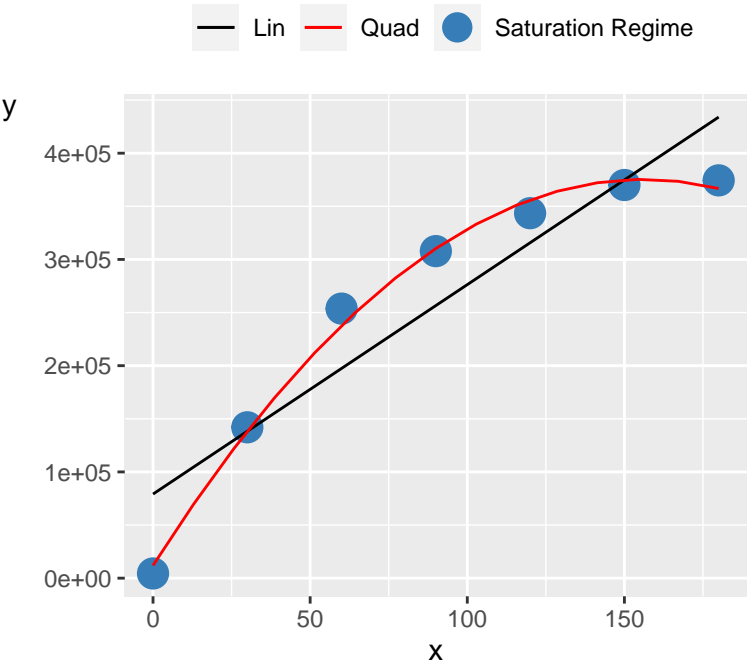
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.90              |
| pra_linear    | 53.93             |
| mandel_p_val  | 3.81e-03          |
| concavity     | -37.57            |
| r2_linear     | 0.80              |
| r2_adj_linear | 0.76              |
| mandel_stats  | 36.40             |

Saturation Regime 166



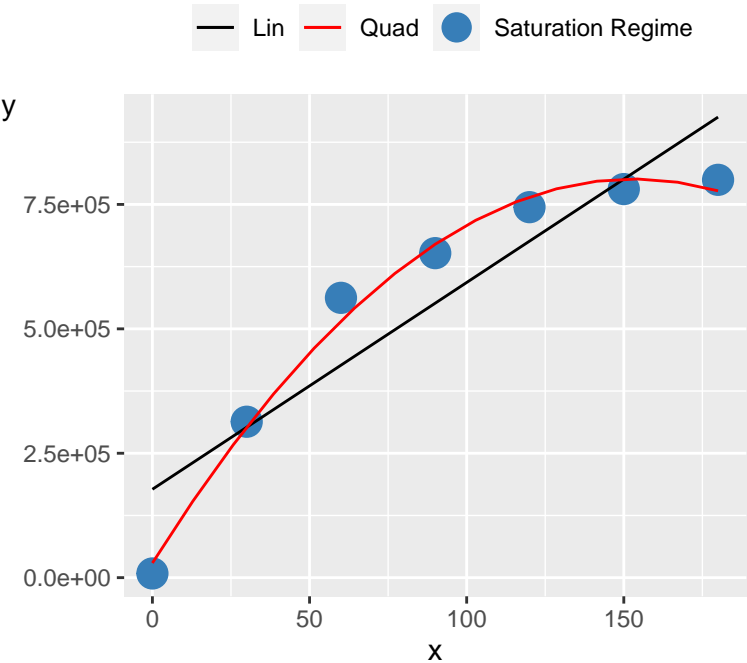
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 69.46             |
| mandel_p_val  | 4.66e-04          |
| concavity     | -28.21            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 110.18            |

Saturation Regime 167



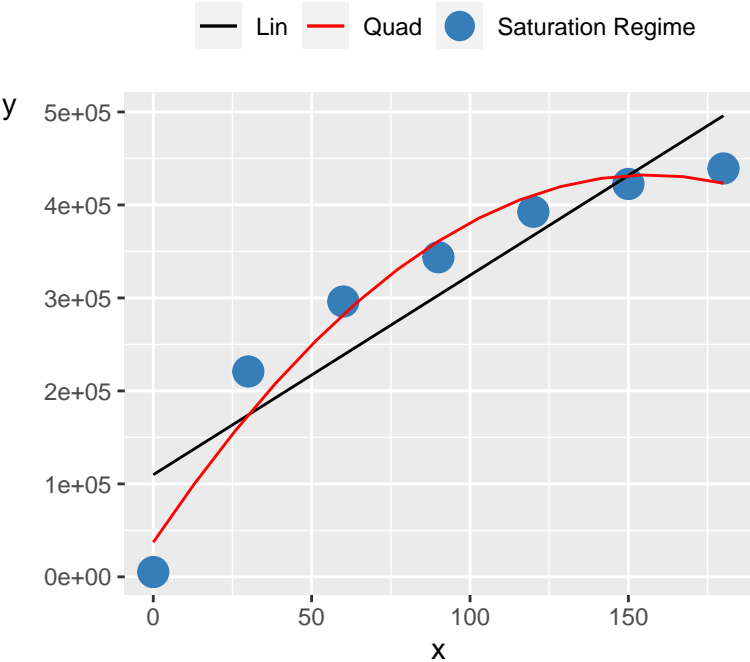
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 69.91             |
| mandel_p_val  | 4.98e-04          |
| concavity     | -14.93            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 106.47            |

Saturation Regime 168



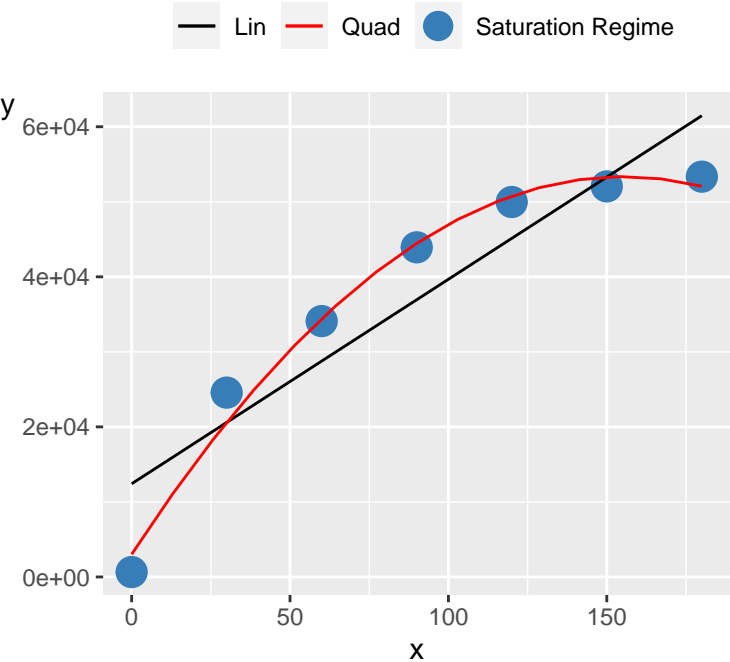
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 67.92             |
| mandel_p_val  | 1.19e-03          |
| concavity     | -32.93            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 67.62             |

Saturation Regime 169



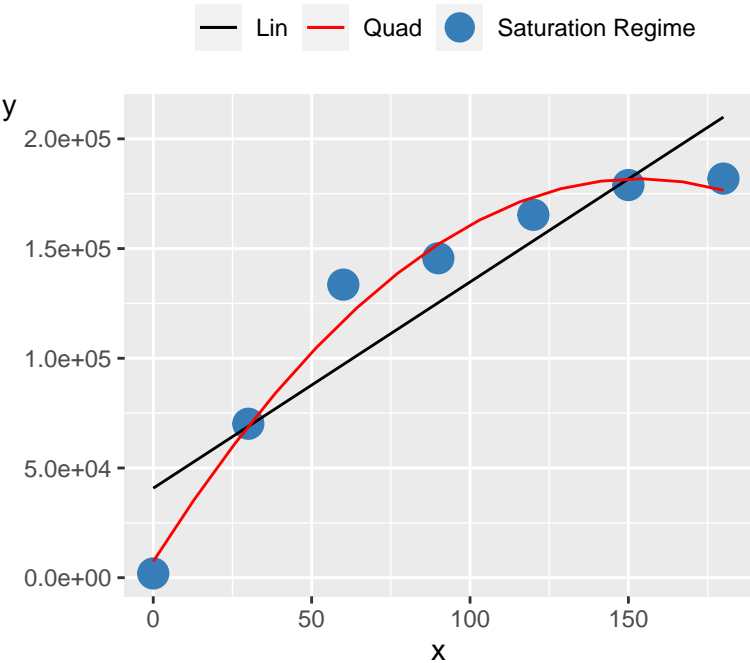
|               |                   |
|---------------|-------------------|
| wf1_group     | Good Linearity    |
| wf2_group     | Good Linearity    |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 84.26             |
| mandel_p_val  | 0.02              |
| concavity     | -16.13            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 16.23             |

Saturation Regime 170



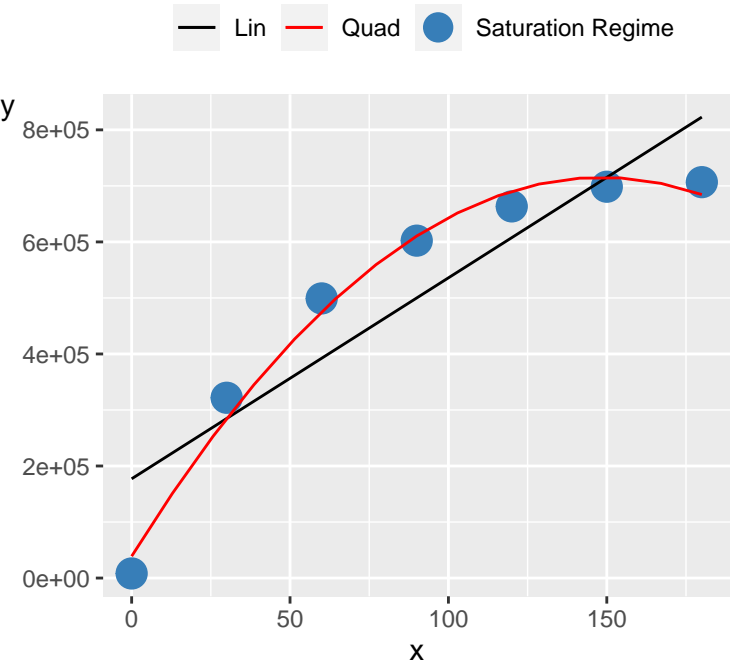
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 79.92             |
| mandel_p_val  | 2.43e-03          |
| concavity     | -2.09             |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 46.40             |

Saturation Regime 171



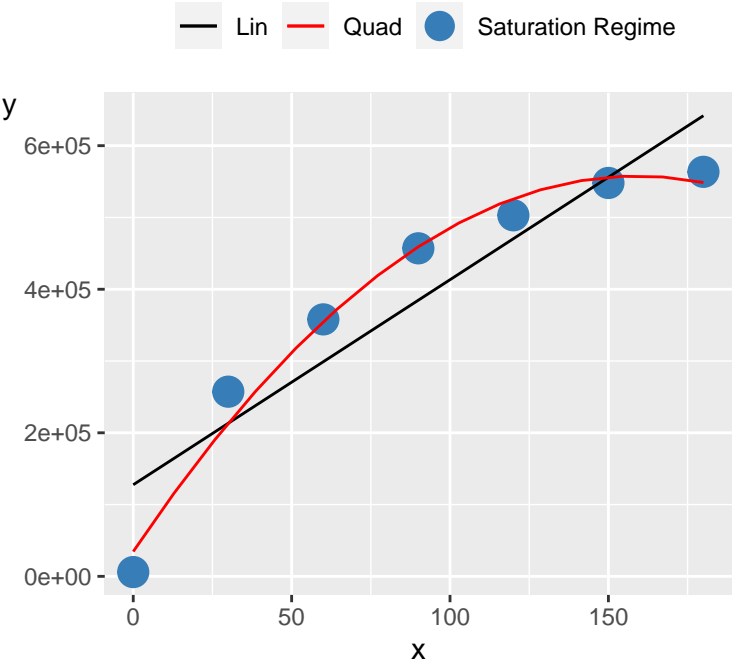
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 65.33             |
| mandel_p_val  | 4.40e-03          |
| concavity     | -7.41             |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 33.62             |

Saturation Regime 172



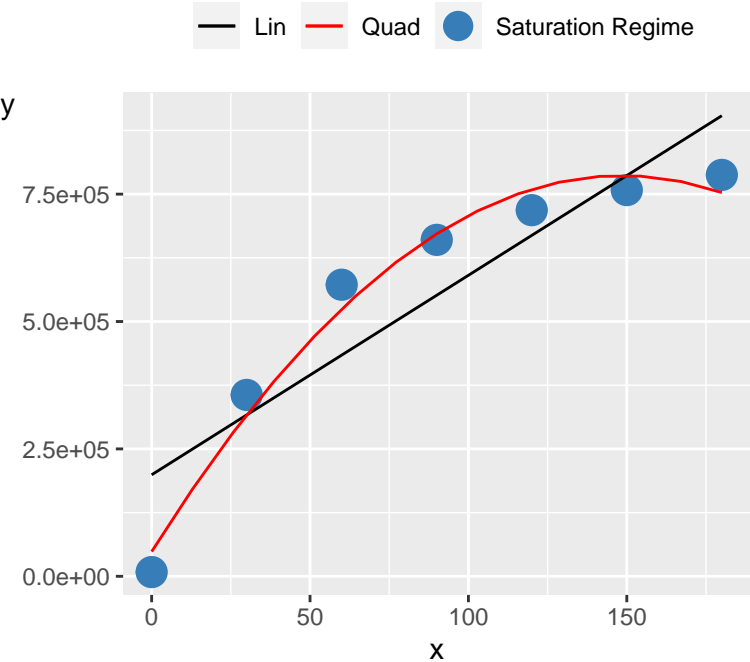
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 70.44             |
| mandel_p_val  | 1.62e-03          |
| concavity     | -30.72            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 57.61             |

Saturation Regime 173



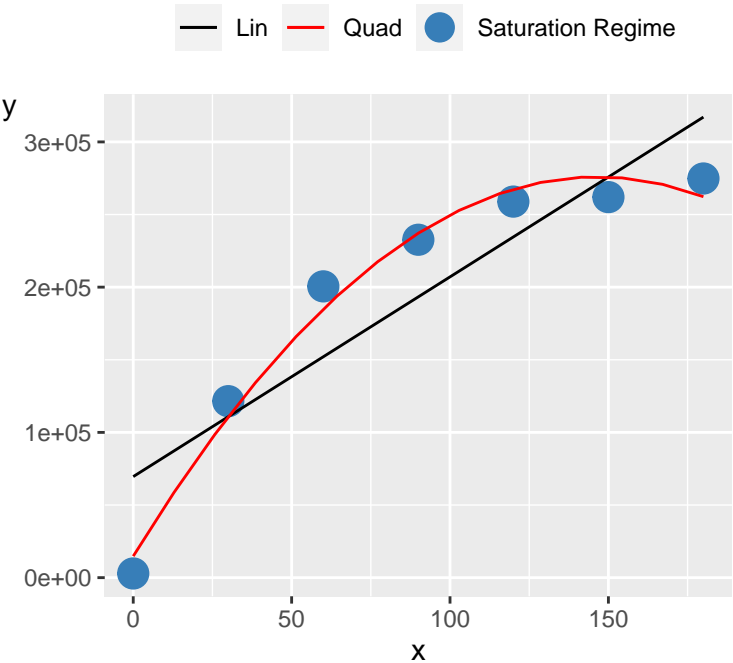
|               |                   |
|---------------|-------------------|
| wf1_group     | Good Linearity    |
| wf2_group     | Good Linearity    |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 82.19             |
| mandel_p_val  | 4.71e-03          |
| concavity     | -20.68            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.84              |
| mandel_stats  | 32.40             |

Saturation Regime 174



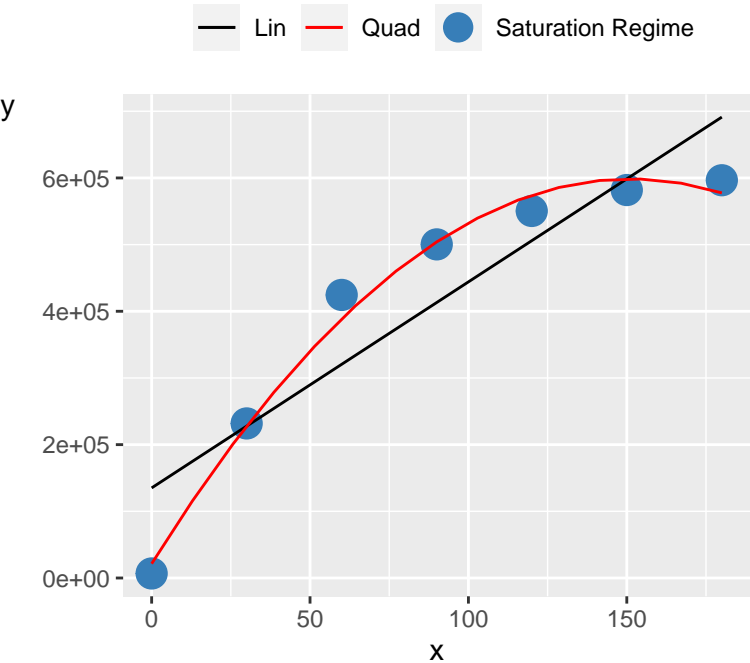
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.90              |
| pra_linear    | 68.39             |
| mandel_p_val  | 4.55e-03          |
| concavity     | -33.51            |
| r2_linear     | 0.82              |
| r2_adj_linear | 0.78              |
| mandel_stats  | 33.01             |

Saturation Regime 175



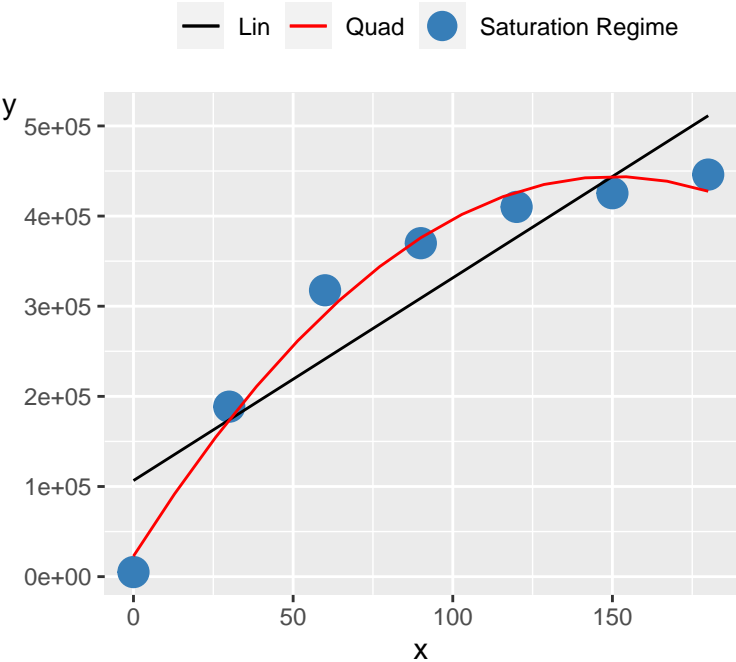
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.90              |
| pra_linear    | 64.82             |
| mandel_p_val  | 2.81e-03          |
| concavity     | -12.18            |
| r2_linear     | 0.81              |
| r2_adj_linear | 0.77              |
| mandel_stats  | 42.90             |

Saturation Regime 176



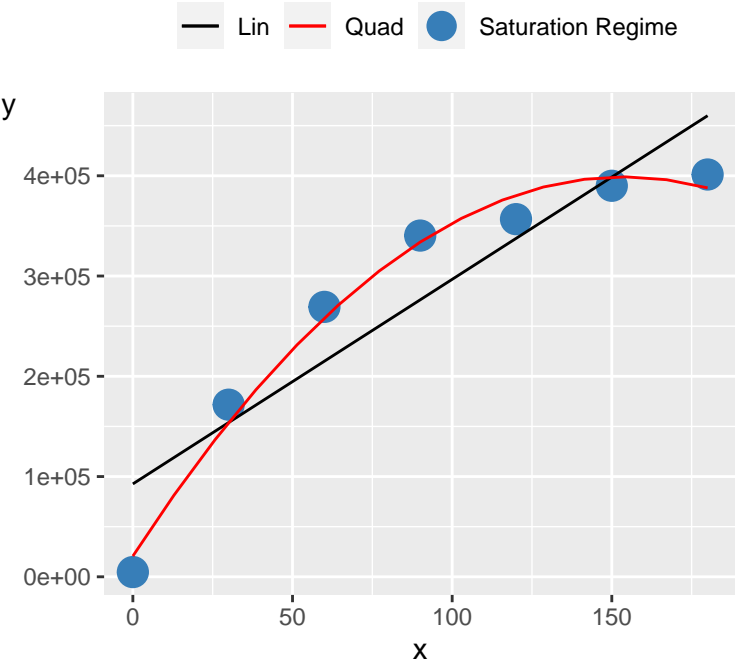
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 65.43             |
| mandel_p_val  | 1.33e-03          |
| concavity     | -25.26            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 63.78             |

Saturation Regime 177



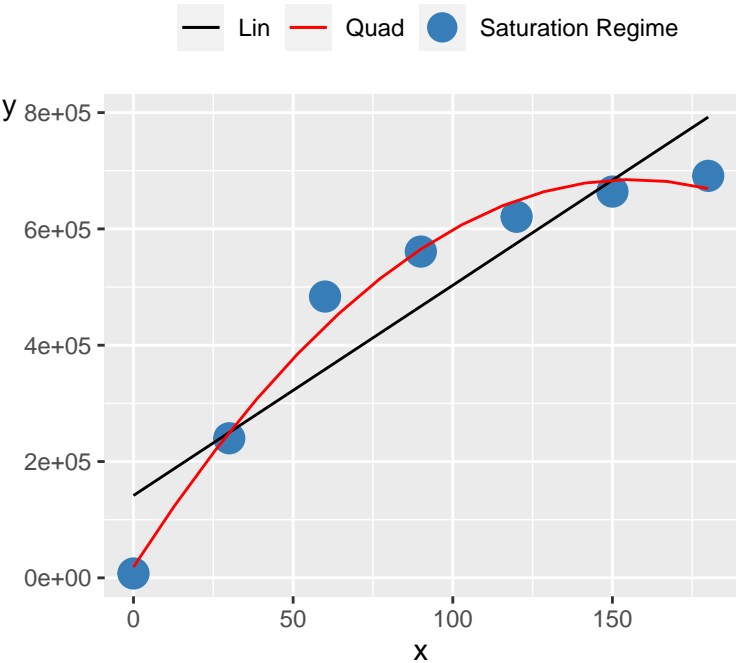
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 67.54             |
| mandel_p_val  | 2.79e−03          |
| concavity     | −18.62            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 43.07             |

Saturation Regime 178



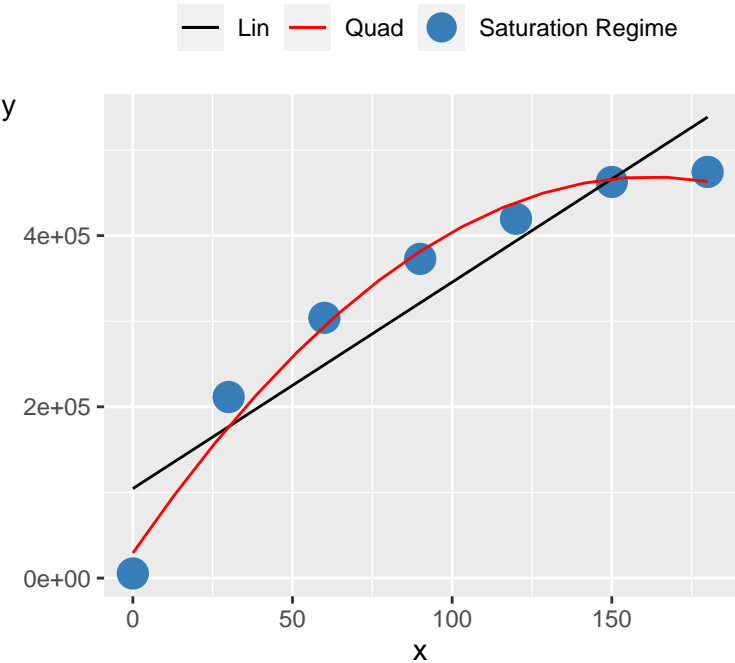
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 73.35             |
| mandel_p_val  | 2.61e−03          |
| concavity     | −16.00            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 44.62             |

Saturation Regime 179



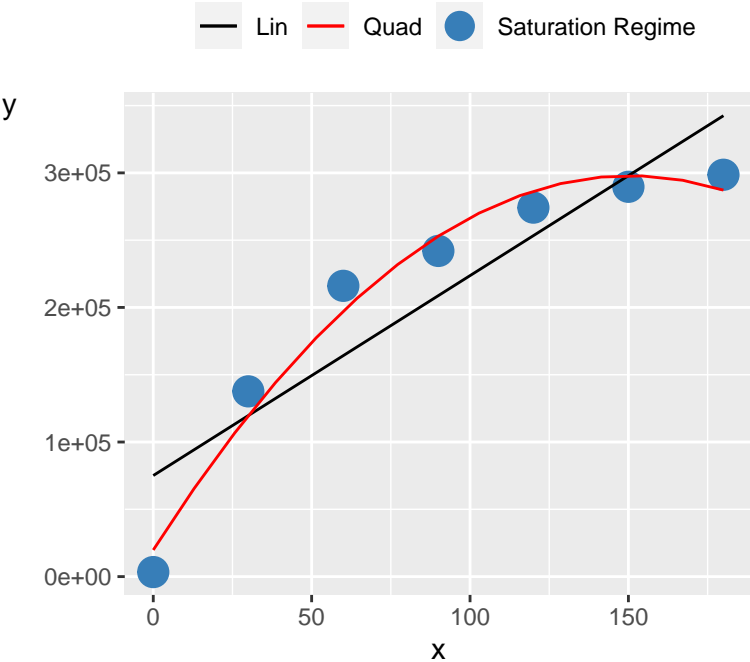
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 65.49             |
| mandel_p_val  | 2.62e−03          |
| concavity     | −27.30            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 44.56             |

Saturation Regime 180



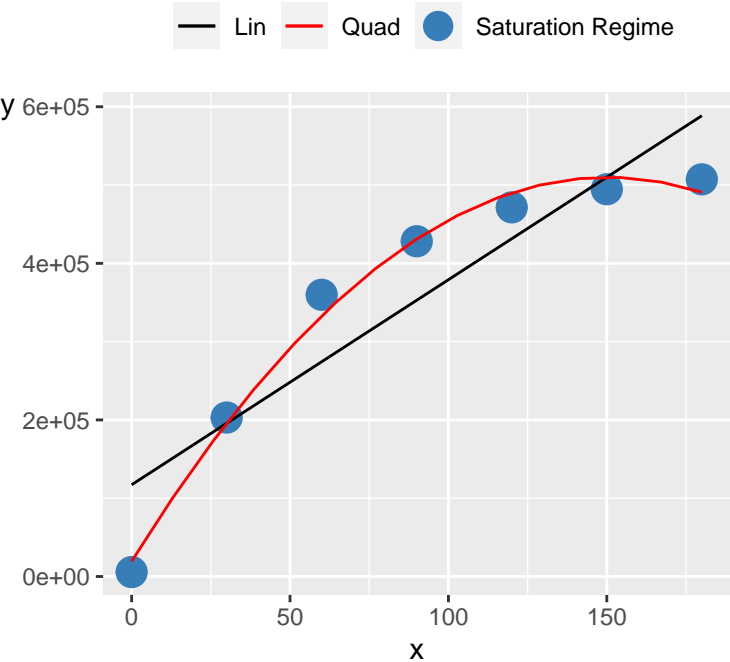
|               |                   |
|---------------|-------------------|
| wf1_group     | Good Linearity    |
| wf2_group     | Good Linearity    |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 82.22             |
| mandel_p_val  | 5.09e−03          |
| concavity     | −16.71            |
| r2_linear     | 0.87              |
| r2_adj_linear | 0.85              |
| mandel_stats  | 31.02             |

Saturation Regime 181



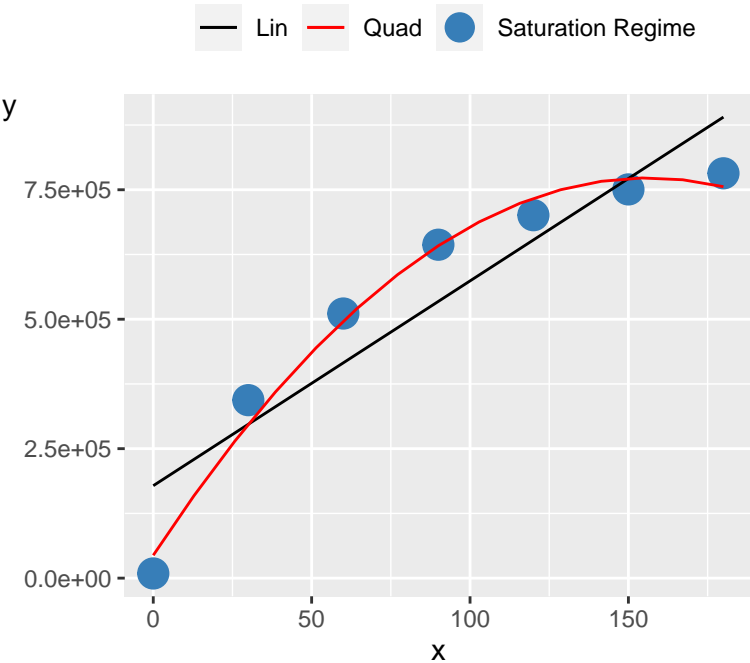
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 71.71             |
| mandel_p_val  | 5.73e-03          |
| concavity     | -12.29            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 29.04             |

Saturation Regime 182



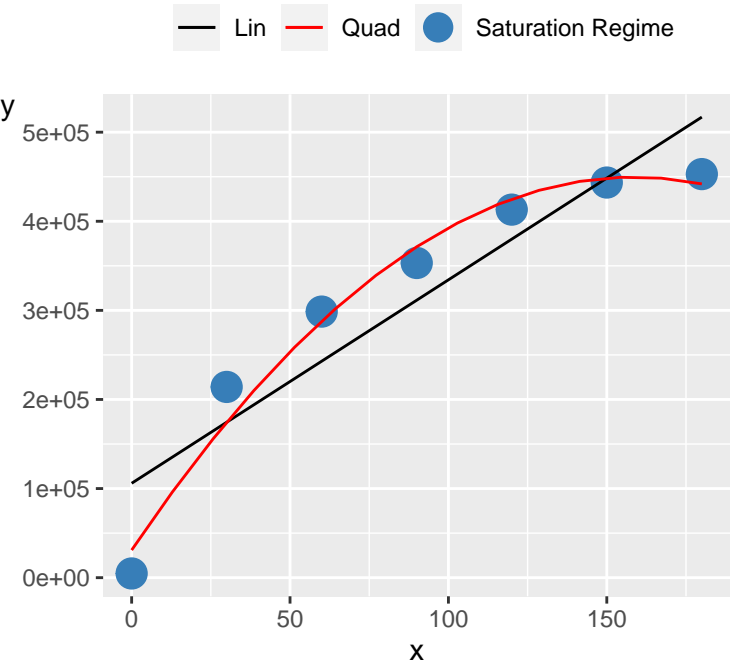
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 66.05             |
| mandel_p_val  | 1.11e-03          |
| concavity     | -21.72            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 70.37             |

Saturation Regime 183



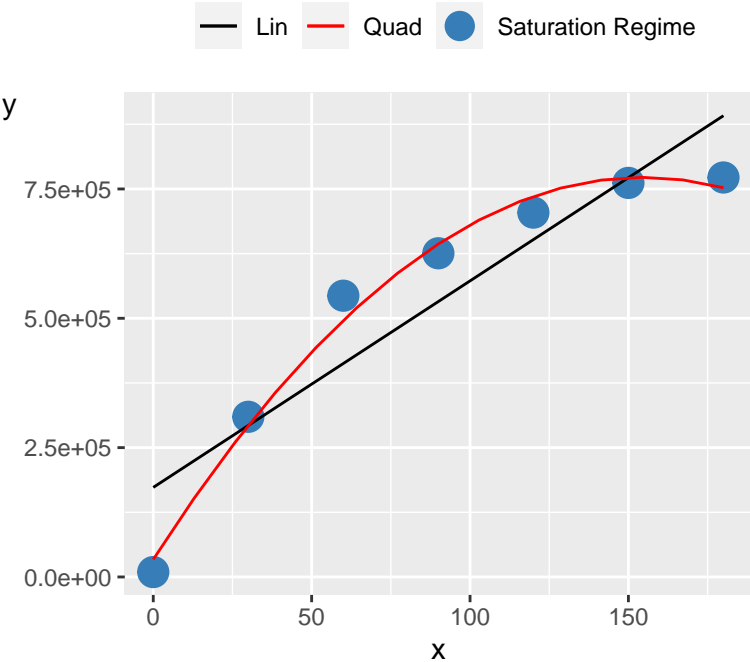
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 77.57             |
| mandel_p_val  | 2.95e-03          |
| concavity     | -29.86            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 41.80             |

Saturation Regime 184



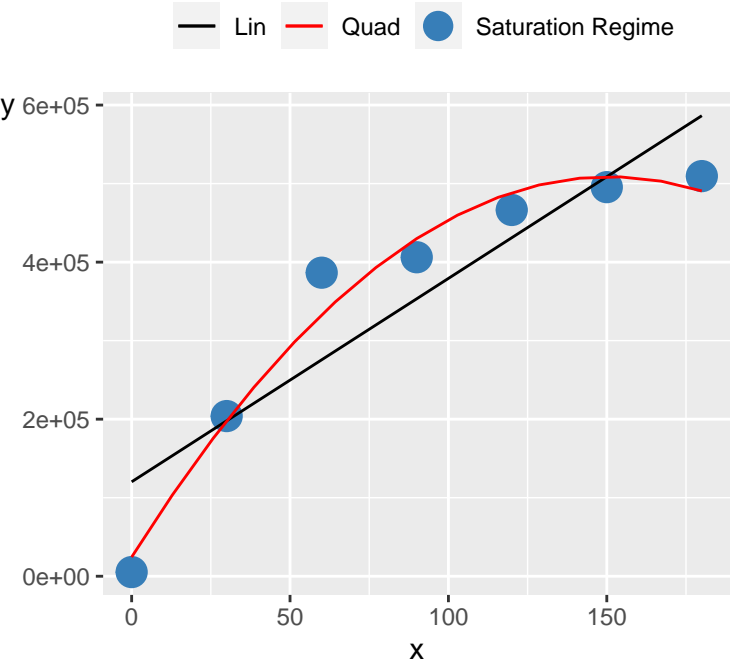
|               |                   |
|---------------|-------------------|
| wf1_group     | Good Linearity    |
| wf2_group     | Good Linearity    |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 82.61             |
| mandel_p_val  | 7.37e-03          |
| concavity     | -16.66            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 25.24             |

Saturation Regime 185



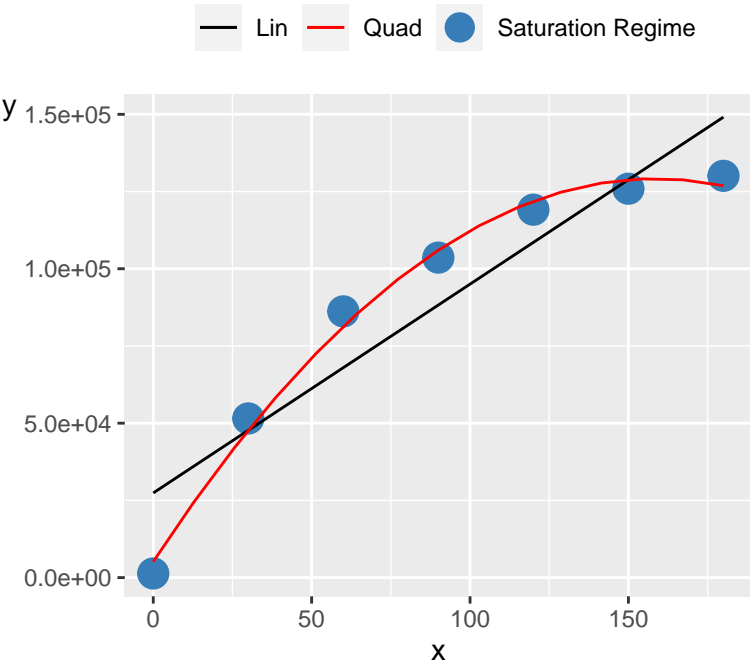
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 69.40             |
| mandel_p_val  | 1.91e−03          |
| concavity     | −30.93            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 52.73             |

Saturation Regime 186



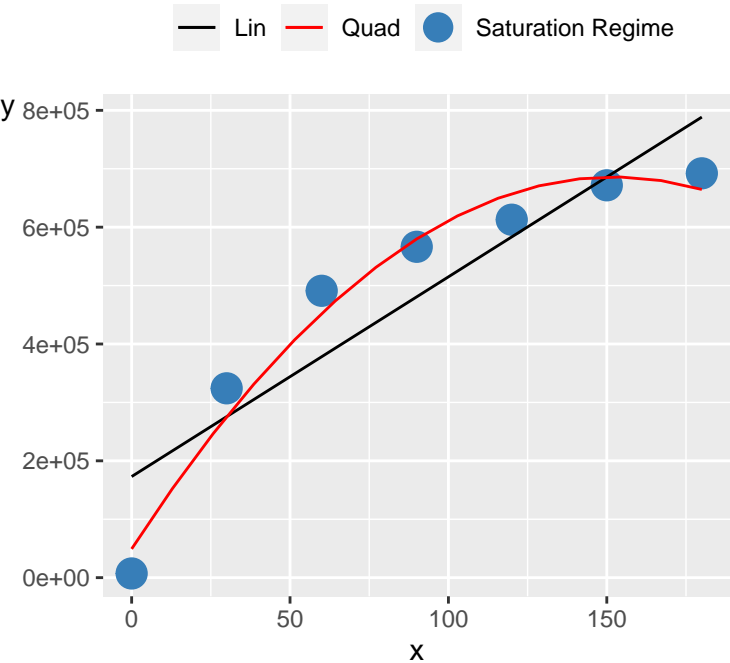
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 63.31             |
| mandel_p_val  | 7.25e−03          |
| concavity     | −21.29            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 25.47             |

Saturation Regime 187



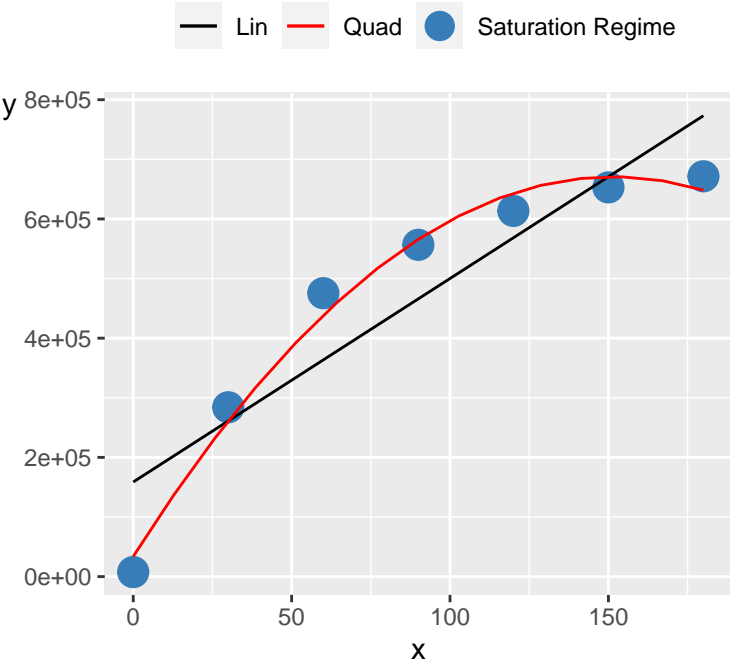
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 74.10             |
| mandel_p_val  | 9.18e−04          |
| concavity     | −4.94             |
| r2_linear     | 0.87              |
| r2_adj_linear | 0.84              |
| mandel_stats  | 77.54             |

Saturation Regime 188



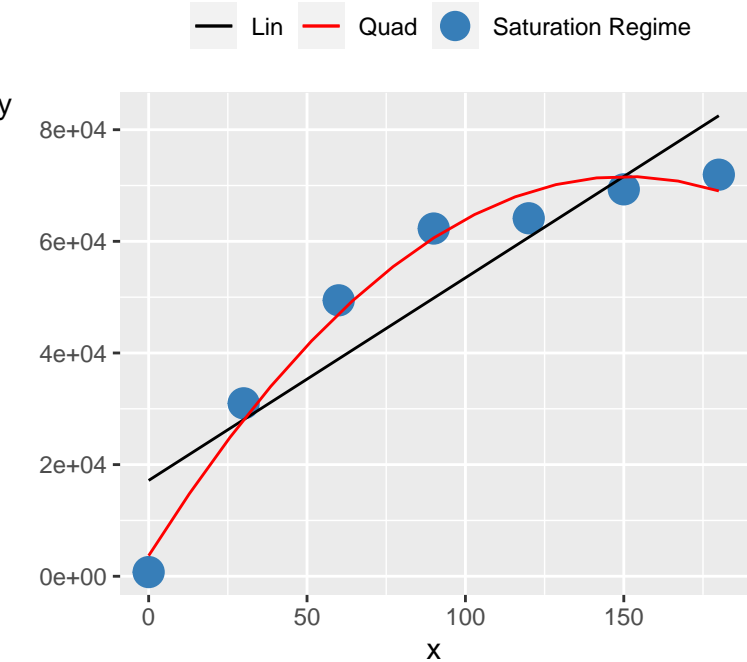
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 74.38             |
| mandel_p_val  | 8.34e−03          |
| concavity     | −27.52            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 23.53             |

Saturation Regime 189



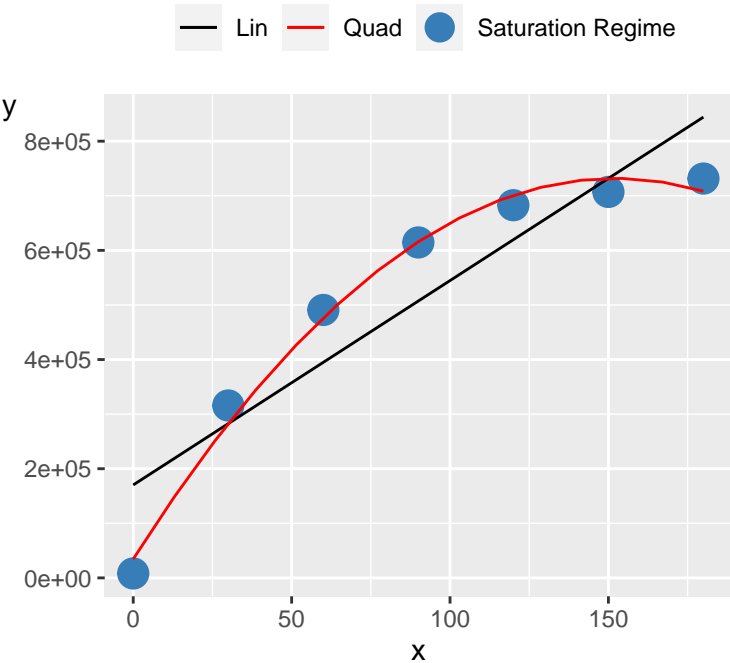
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 69.29             |
| mandel_p_val  | 2.33e-03          |
| concavity     | -27.74            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 47.48             |

Saturation Regime 190



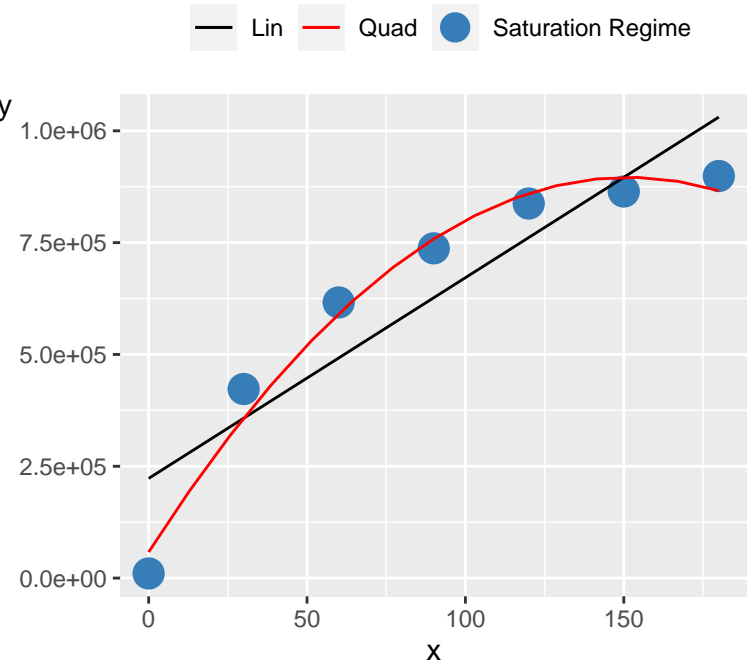
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 70.27             |
| mandel_p_val  | 3.24e-03          |
| concavity     | -3.00             |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 39.71             |

Saturation Regime 191



|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 72.91             |
| mandel_p_val  | 1.09e-03          |
| concavity     | -30.16            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 70.76             |

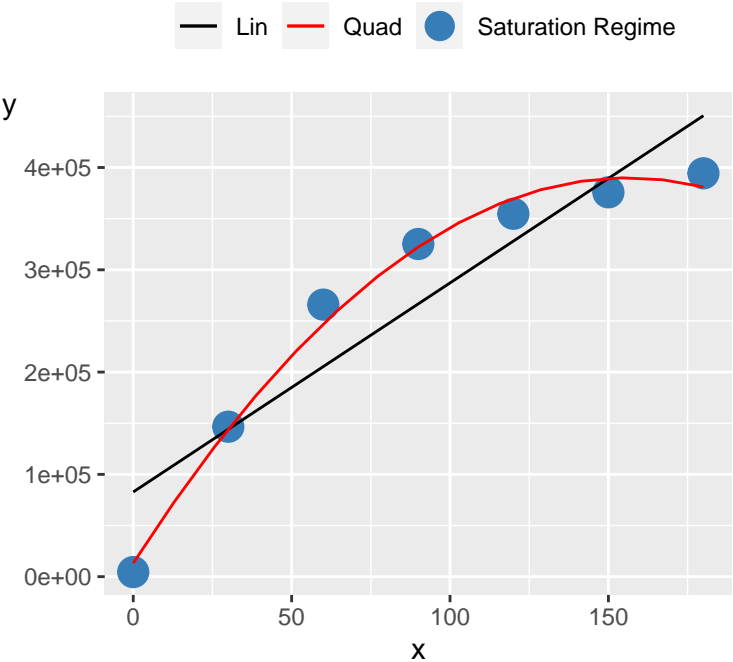
Saturation Regime 192



|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 75.92             |
| mandel_p_val  | 3.99e-03          |
| concavity     | -36.56            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 35.49             |

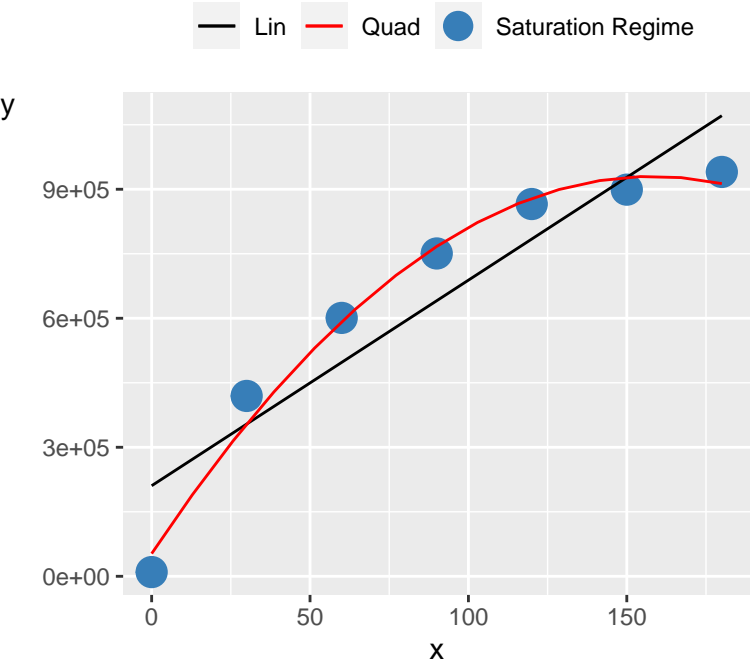


Saturation Regime 193



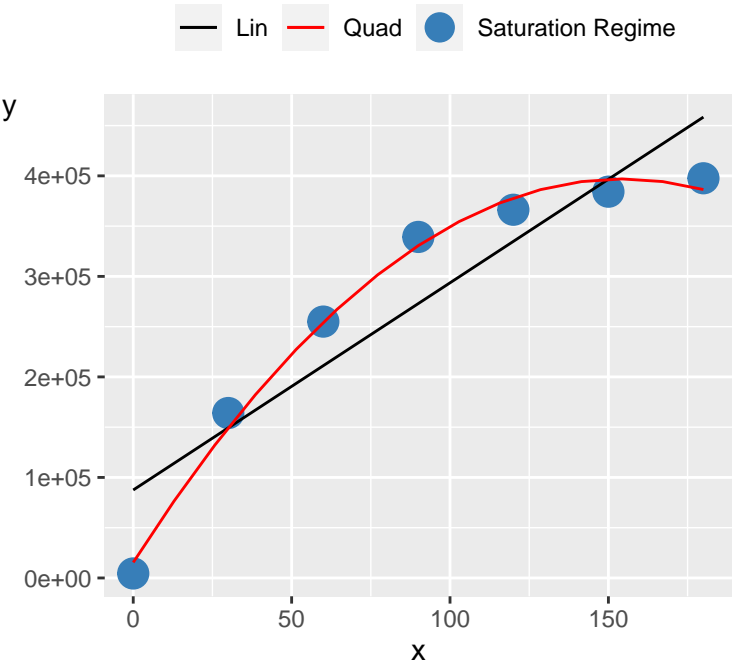
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 68.85             |
| mandel_p_val  | 1.36e-03          |
| concavity     | -15.46            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 63.13             |

Saturation Regime 194



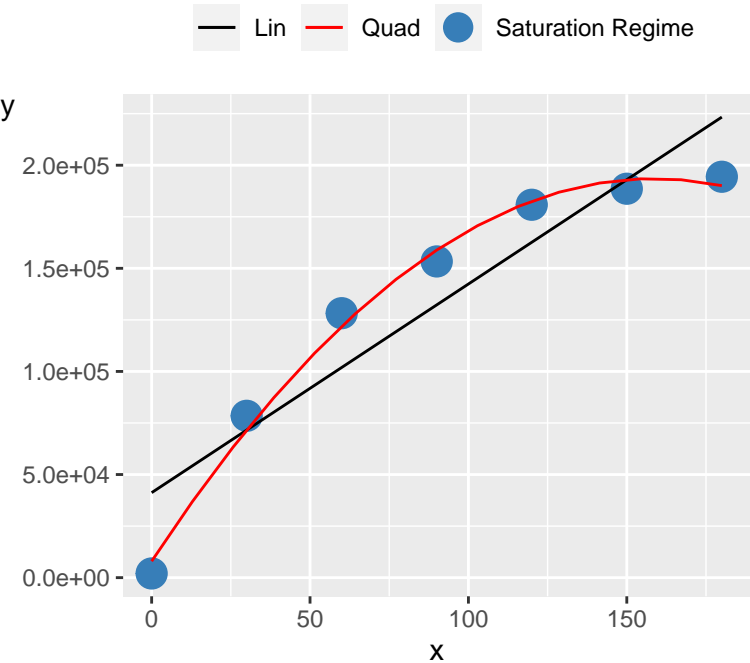
|               |                   |
|---------------|-------------------|
| wf1_group     | Good Linearity    |
| wf2_group     | Good Linearity    |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 80.61             |
| mandel_p_val  | 3.07e-03          |
| concavity     | -35.08            |
| r2_linear     | 0.86              |
| r2_adj_linear | 0.83              |
| mandel_stats  | 40.89             |

Saturation Regime 195



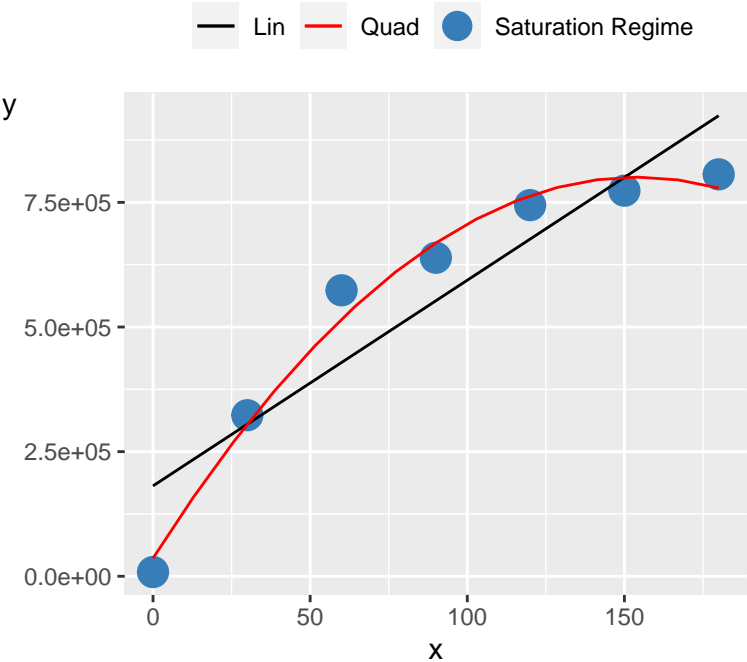
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 74.13             |
| mandel_p_val  | 7.82e-04          |
| concavity     | -16.01            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 84.26             |

Saturation Regime 196



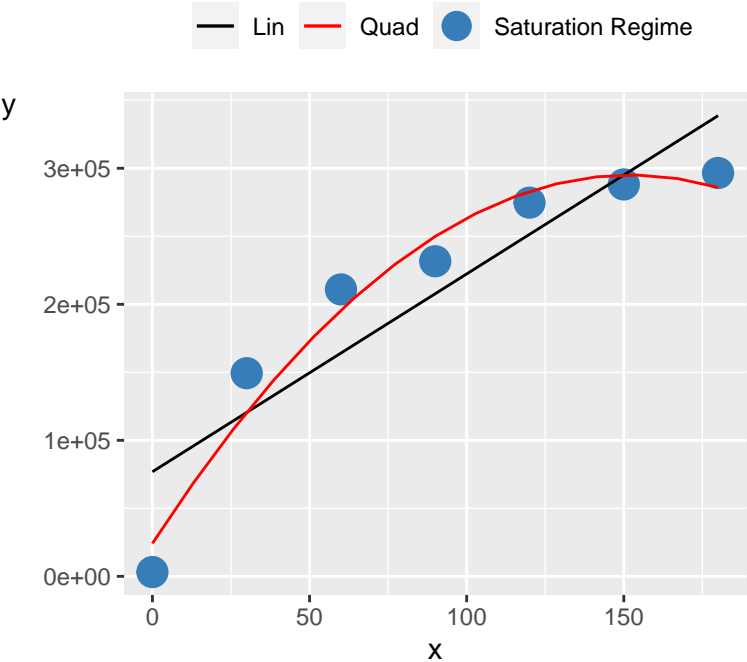
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.93              |
| pra_linear    | 75.23             |
| mandel_p_val  | 9.51e-04          |
| concavity     | -7.39             |
| r2_linear     | 0.87              |
| r2_adj_linear | 0.84              |
| mandel_stats  | 76.09             |

Saturation Regime 197



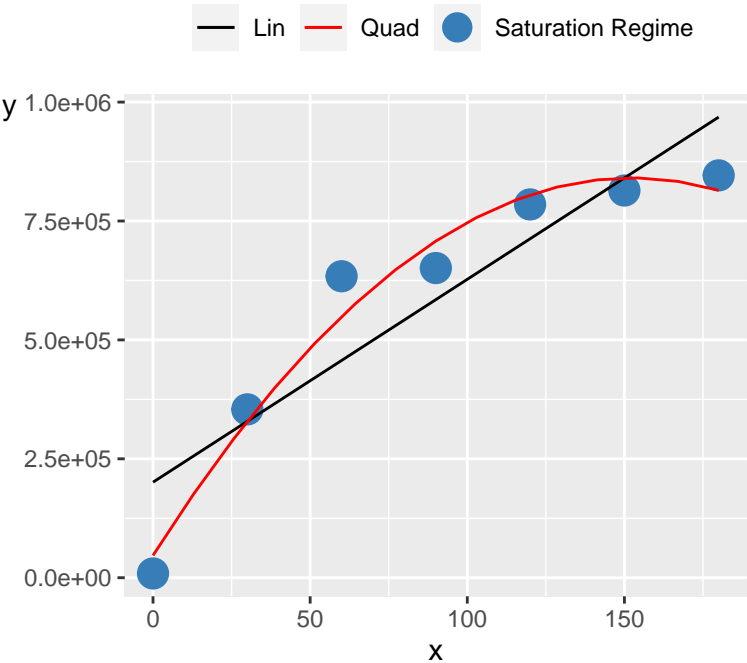
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 68.68             |
| mandel_p_val  | 3.25e-03          |
| concavity     | -32.23            |
| r2_linear     | 0.85              |
| r2_adj_linear | 0.82              |
| mandel_stats  | 39.64             |

Saturation Regime 198



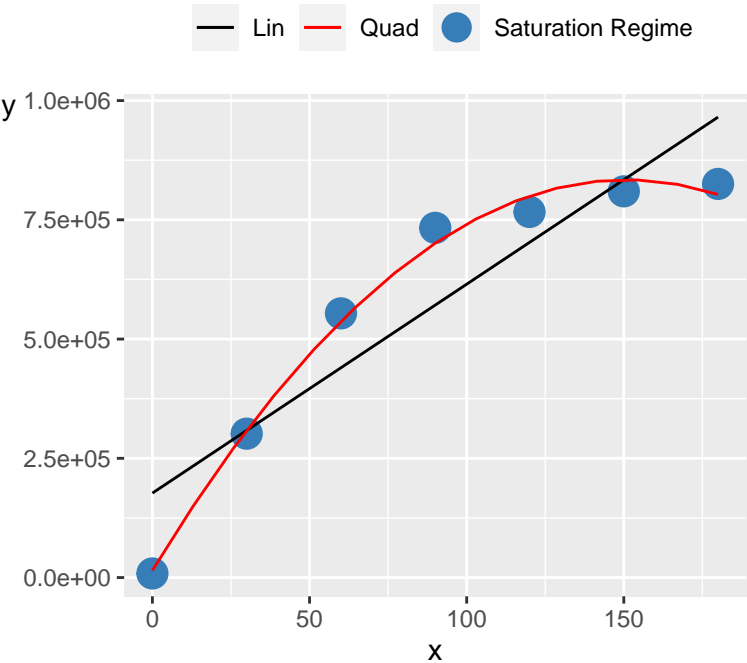
|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 79.19             |
| mandel_p_val  | 0.01              |
| concavity     | -11.71            |
| r2_linear     | 0.82              |
| r2_adj_linear | 0.79              |
| mandel_stats  | 18.06             |

Saturation Regime 199



|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.91              |
| pra_linear    | 67.16             |
| mandel_p_val  | 9.49e-03          |
| concavity     | -34.21            |
| r2_linear     | 0.83              |
| r2_adj_linear | 0.80              |
| mandel_stats  | 21.85             |

Saturation Regime 200



|               |                   |
|---------------|-------------------|
| wf1_group     | Poor Linearity    |
| wf2_group     | Saturation Regime |
| curve_group   | Saturation Regime |
| r_corr        | 0.92              |
| pra_linear    | 65.30             |
| mandel_p_val  | 5.80e-04          |
| concavity     | -36.04            |
| r2_linear     | 0.84              |
| r2_adj_linear | 0.81              |
| mandel_stats  | 98.37             |