花叶类

Linear model Poly1:

f(x) = p1\*x + p2

F1=-8.888\*x+224.2

Coefficients (with 95% confidence bounds):

p1 = -8.888 (-9.616, -8.161)

p2 = 224.2 (220, 228.4)

Goodness of fit:

SSE: 3.707e+05

R-square: 0.954

Adjusted R-square: 0.9539

RMSE: 18.5

花菜类

F2=-2.297\*x+54.93

Fit computation did not converge:

Fit found when optimization terminated:

Linear model Poly1:

f(x) = p1\*x + p2

Coefficients (with 95% confidence bounds):

p1 = -2.297 (-2.51, -2.085)

p2 = 54.93 (52.86, 57)

Goodness of fit:

SSE: 8.424e+04

R-square: 0.8487

Adjusted R-square: 0.8486

RMSE: 8.824

水生根茎类

F3=-2.885 \*x+59.56

Fit computation did not converge:

Fit found when optimization terminated:

Linear model Poly1:

f(x) = p1\*x + p2

Coefficients (with 95% confidence bounds):

p1 = -2.885 (-3.06, -2.71)

p2 = 59.56 (57.75, 61.37)

Goodness of fit:

SSE: 1.157e+05

R-square: 0.8914

Adjusted R-square: 0.8913

RMSE: 10.34

茄类

F4=-1.429\*x+ 31.74

Fit computation did not converge:

Fit found when optimization terminated:

Linear model Poly1:

f(x) = p1\*x + p2

Coefficients (with 95% confidence bounds):

p1 = -1.429 (-1.547, -1.311)

p2 = 31.74 (30.66, 32.82)

Goodness of fit:

SSE: 2.483e+04

R-square: 0.8633

Adjusted R-square: 0.8631

RMSE: 4.868

辣椒类

F5=-3.164\*x+ 101.6

Fit computation did not converge:

Fit found when optimization terminated:

Linear model Poly1:

f(x) = p1\*x + p2

Coefficients (with 95% confidence bounds):

p1 = -3.164 (-3.31, -3.018)

p2 = 101.6 (100.2, 103)

Goodness of fit:

SSE: 8.968e+04

R-square: 0.971

Adjusted R-square: 0.971

RMSE: 9.1

菌类

F6=-4.496\*x+99.73

Fit computation did not converge:

Fit found when optimization terminated:

Linear model Poly1:

f(x) = p1\*x + p2

Coefficients (with 95% confidence bounds):

p1 = -4.496 (-4.65, -4.342)

p2 = 99.73 (98.36, 101.1)

Goodness of fit:

SSE: 4.233e+04

R-square: 0.9834

Adjusted R-square: 0.9834

RMSE: 6.252