# Acer

Residuals:

Min 1Q Median 3Q Max

-15.323244 -1.042348 0.007309 1.011207 6.499600

Parameters:

Estimate Std. Error t value Pr(>|t|)

b0 5.858e+00 1.427e+00 4.106 4.16e-05 \*\*\*

b1 1.613e+01 2.766e+00 5.831 6.24e-09 \*\*\*

b2 -1.931e-02 5.037e-03 -3.834 0.000129 \*\*\*

b4 -4.482e+00 2.432e-01 -18.429 < 2e-16 \*\*\*

b7 -5.312e-02 8.698e-03 -6.108 1.17e-09 \*\*\*

b8 2.020e-04 3.998e-05 5.053 4.68e-07 \*\*\*

b11 7.304e-02 1.428e-02 5.116 3.37e-07 \*\*\*

b23 -6.542e-01 3.068e-01 -2.132 0.033069 \*

b24 -1.927e-01 5.347e-01 -0.360 0.718568

b27 -2.934e-03 3.597e-04 -8.159 5.37e-16 \*\*\*

b32 5.474e-01 1.489e-01 3.677 0.000242 \*\*\*

b36 -2.893e+00 2.198e-01 -13.167 < 2e-16 \*\*\*

b38 -3.261e-01 9.778e-02 -3.335 0.000865 \*\*\*

b39 1.698e-03 5.096e-04 3.332 0.000874 \*\*\*

b40 3.422e-01 1.038e-01 3.296 0.000994 \*\*\*

b45 -7.619e-03 2.024e-03 -3.764 0.000171 \*\*\*

b46 2.976e-02 5.962e-03 4.991 6.43e-07 \*\*\*

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Robust residual standard error: 1.523

Convergence in 9 IRWLS iterations

Robustness weights:

1897 weights are ~= 1. The remaining 553 ones are summarized as

Min. 1st Qu. Median Mean 3rd Qu. Max.

0.1336 0.5802 0.7183 0.7138 0.8651 0.9965

# Beech

Residuals:

Min 1Q Median 3Q Max

-15.49544 -0.93658 0.03683 0.93214 11.89017

Parameters:

Estimate Std. Error t value Pr(>|t|)

b0 1.150e+00 2.904e-01 3.959 7.53e-05 \*\*\*

b1 2.030e+01 1.051e-01 193.176 < 2e-16 \*\*\*

b2 -3.512e-02 2.644e-04 -132.854 < 2e-16 \*\*\*

b4 -2.030e+00 3.676e-02 -55.224 < 2e-16 \*\*\*

b7 -5.535e-02 1.132e-03 -48.905 < 2e-16 \*\*\*

b8 2.173e-04 4.276e-06 50.825 < 2e-16 \*\*\*

b11 -1.276e-01 5.216e-03 -24.472 < 2e-16 \*\*\*

b12 2.485e-03 9.850e-05 25.226 < 2e-16 \*\*\*

b20 -2.485e-01 9.491e-03 -26.182 < 2e-16 \*\*\*

b22 -9.685e-01 2.574e-01 -3.763 0.000168 \*\*\*

b23 -4.546e-01 2.222e-02 -20.460 < 2e-16 \*\*\*

b24 -8.402e-01 5.099e-02 -16.477 < 2e-16 \*\*\*

b25 6.588e-01 5.721e-02 11.515 < 2e-16 \*\*\*

b28 -2.065e-01 8.151e-03 -25.336 < 2e-16 \*\*\*

b29 1.587e-03 4.498e-05 35.287 < 2e-16 \*\*\*

b30 3.494e-03 1.911e-03 1.829 0.067467 .

b31 6.270e-01 5.807e-02 10.798 < 2e-16 \*\*\*

b32 1.521e-01 1.217e-02 12.501 < 2e-16 \*\*\*

b36 -2.830e+00 2.584e-02 -109.530 < 2e-16 \*\*\*

b38 3.434e-01 1.006e-02 34.123 < 2e-16 \*\*\*

b39 8.872e-04 2.804e-04 3.163 0.001559 \*\*

b40 1.934e-01 7.848e-03 24.643 < 2e-16 \*\*\*

b41 -5.035e-05 1.175e-05 -4.286 1.82e-05 \*\*\*

b45 -1.965e-03 3.353e-04 -5.861 4.60e-09 \*\*\*

b46 2.272e-02 6.517e-04 34.860 < 2e-16 \*\*\*

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Robust residual standard error: 1.385

Convergence in 10 IRWLS iterations

Robustness weights:

117873 weights are ~= 1. The remaining 31136 ones are summarized as

Min. 1st Qu. Median Mean 3rd Qu. Max.

0.1202 0.5667 0.7232 0.7050 0.8609 0.9990

# Douglas

Residuals:

Min 1Q Median 3Q Max

-17.28396 -1.56641 0.05357 1.59151 12.31938

Parameters:

Estimate Std. Error t value Pr(>|t|)

b0 2.680e+00 3.692e+00 0.726 0.468006

b1 3.618e+01 1.085e+00 33.335 < 2e-16 \*\*\*

b2 -2.289e-02 9.306e-04 -24.596 < 2e-16 \*\*\*

b3 -6.092e-02 4.891e-03 -12.455 < 2e-16 \*\*\*

b7 -3.498e-01 1.333e-02 -26.248 < 2e-16 \*\*\*

b8 1.543e-03 9.686e-05 15.929 < 2e-16 \*\*\*

b11 -1.048e-02 1.200e-02 -0.874 0.382306

b19 -2.442e-01 1.904e-02 -12.829 < 2e-16 \*\*\*

b21 1.334e+00 2.133e-01 6.253 4.20e-10 \*\*\*

b28 -7.191e-02 6.103e-03 -11.783 < 2e-16 \*\*\*

b32 1.765e+00 2.165e-01 8.149 4.11e-16 \*\*\*

b38 1.987e+00 7.680e-01 2.588 0.009680 \*\*

b39 6.968e-04 3.052e-04 2.284 0.022416 \*

b40 -3.176e-01 6.532e-02 -4.862 1.18e-06 \*\*\*

b42 5.449e-02 7.755e-03 7.027 2.26e-12 \*\*\*

b43 -1.672e-01 4.379e-02 -3.820 0.000134 \*\*\*

b46 9.244e-02 9.696e-03 9.534 < 2e-16 \*\*\*

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Robust residual standard error: 2.343

Convergence in 10 IRWLS iterations

Robustness weights:

7763 weights are ~= 1. The remaining 1996 ones are summarized as

Min. 1st Qu. Median Mean 3rd Qu. Max.

0.1823 0.5721 0.7336 0.7071 0.8752 0.9981

# Spruce

Residuals:

Min 1Q Median 3Q Max

-15.03659 -1.21496 0.02676 1.21460 12.70058

Parameters:

Estimate Std. Error t value Pr(>|t|)

b0 4.778e+00 1.375e-01 34.746 < 2e-16 \*\*\*

b1 1.849e+01 1.003e-01 184.310 < 2e-16 \*\*\*

b2 -3.401e-02 3.500e-04 -97.168 < 2e-16 \*\*\*

b3 -6.736e-02 6.687e-04 -100.724 < 2e-16 \*\*\*

b7 -5.680e-02 1.045e-03 -54.367 < 2e-16 \*\*\*

b8 1.756e-04 4.413e-06 39.801 < 2e-16 \*\*\*

b11 -1.869e-01 3.918e-03 -47.706 < 2e-16 \*\*\*

b12 3.035e-03 7.095e-05 42.772 < 2e-16 \*\*\*

b19 3.882e-03 4.137e-04 9.384 < 2e-16 \*\*\*

b21 1.332e-01 1.107e-02 12.023 < 2e-16 \*\*\*

b28 -6.491e-02 3.054e-03 -21.252 < 2e-16 \*\*\*

b29 4.006e-04 3.076e-05 13.025 < 2e-16 \*\*\*

b33 4.483e-01 8.428e-02 5.319 1.04e-07 \*\*\*

b36 -2.330e+00 4.449e-02 -52.375 < 2e-16 \*\*\*

b38 8.363e-02 1.861e-02 4.493 7.03e-06 \*\*\*

b39 -3.336e-04 2.411e-04 -1.384 0.166347

b40 9.663e-02 5.758e-03 16.783 < 2e-16 \*\*\*

b41 -7.308e-05 5.895e-06 -12.397 < 2e-16 \*\*\*

b43 -5.791e-03 1.682e-03 -3.444 0.000574 \*\*\*

b44 1.263e-06 1.622e-07 7.787 6.87e-15 \*\*\*

b45 -3.300e-04 8.780e-05 -3.759 0.000171 \*\*\*

b46 3.725e-02 6.072e-04 61.351 < 2e-16 \*\*\*

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Robust residual standard error: 1.801

Convergence in 9 IRWLS iterations

Robustness weights:

151574 weights are ~= 1. The remaining 38473 ones are summarized as

Min. 1st Qu. Median Mean 3rd Qu. Max.

0.1611 0.5799 0.7336 0.7137 0.8674 0.9990

# Pine

Residuals:

Min 1Q Median 3Q Max

-13.8193 -1.2965 0.1106 1.2796 9.7232

Parameters:

Estimate Std. Error t value Pr(>|t|)

b0 -6.390e+00 3.165e+00 -2.019 0.043530 \*

b1 1.989e+01 7.494e-01 26.540 < 2e-16 \*\*\*

b2 -2.540e-02 1.785e-03 -14.231 < 2e-16 \*\*\*

b5 1.404e+00 2.131e-01 6.586 4.70e-11 \*\*\*

b7 -8.499e-02 4.786e-03 -17.759 < 2e-16 \*\*\*

b8 2.086e-04 2.441e-05 8.544 < 2e-16 \*\*\*

b11 -1.113e-01 2.673e-02 -4.163 3.15e-05 \*\*\*

b12 1.768e-03 5.688e-04 3.109 0.001883 \*\*

b28 -5.675e-02 2.310e-03 -24.564 < 2e-16 \*\*\*

b32 5.355e-01 2.275e-01 2.354 0.018587 \*

b38 2.494e+00 4.493e-01 5.551 2.90e-08 \*\*\*

b39 -2.720e-03 1.357e-03 -2.005 0.045012 \*

b40 6.144e-01 1.638e-01 3.752 0.000176 \*\*\*

b41 -1.133e-03 1.184e-04 -9.569 < 2e-16 \*\*\*

b42 -4.009e-02 1.285e-02 -3.121 0.001807 \*\*

b43 -1.312e-01 1.865e-02 -7.033 2.12e-12 \*\*\*

b44 1.384e-05 1.621e-06 8.534 < 2e-16 \*\*\*

b45 1.552e-02 1.982e-03 7.832 5.17e-15 \*\*\*

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Robust residual standard error: 1.906

Convergence in 9 IRWLS iterations

Robustness weights:

10825 weights are ~= 1. The remaining 2627 ones are summarized as

Min. 1st Qu. Median Mean 3rd Qu. Max.

0.1855 0.5742 0.7399 0.7121 0.8694 0.9988

# Larch

Residuals:

Min 1Q Median 3Q Max

-18.39282 -1.48893 0.05782 1.50789 10.41877

Parameters:

Estimate Std. Error t value Pr(>|t|)

b0 7.339e+00 5.738e-01 12.789 < 2e-16 \*\*\*

b1 2.112e+01 4.163e-01 50.739 < 2e-16 \*\*\*

b2 -2.407e-02 7.735e-04 -31.125 < 2e-16 \*\*\*

b5 8.451e-01 1.910e-01 4.424 9.74e-06 \*\*\*

b7 -7.945e-02 2.084e-03 -38.127 < 2e-16 \*\*\*

b8 1.778e-04 6.534e-06 27.205 < 2e-16 \*\*\*

b11 1.174e-02 1.273e-02 0.923 0.356104

b12 9.703e-04 2.499e-04 3.883 0.000103 \*\*\*

b27 -3.622e-03 1.102e-04 -32.869 < 2e-16 \*\*\*

b33 1.985e+00 2.780e-01 7.138 9.75e-13 \*\*\*

b37 1.405e+00 1.566e-01 8.976 < 2e-16 \*\*\*

b38 -2.539e-01 9.124e-02 -2.783 0.005391 \*\*

b39 -6.189e-03 6.949e-04 -8.906 < 2e-16 \*\*\*

b40 -2.154e-01 2.803e-02 -7.684 1.59e-14 \*\*\*

b42 3.628e-02 2.333e-03 15.551 < 2e-16 \*\*\*

b43 -3.971e-02 4.840e-03 -8.204 2.43e-16 \*\*\*

b44 2.739e-06 3.701e-07 7.400 1.40e-13 \*\*\*

b45 2.517e-03 3.745e-04 6.722 1.84e-11 \*\*\*

b46 2.945e-02 1.531e-03 19.242 < 2e-16 \*\*\*

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Robust residual standard error: 2.22

Convergence in 8 IRWLS iterations

Robustness weights:

19778 weights are ~= 1. The remaining 5029 ones are summarized as

Min. 1st Qu. Median Mean 3rd Qu. Max.

0.1624 0.5741 0.7342 0.7112 0.8660 0.9989

# Oak

Residuals:

Min 1Q Median 3Q Max

-13.69244 -0.98800 0.02825 0.97785 14.28214

Parameters:

Estimate Std. Error t value Pr(>|t|)

b0 -7.538e+00 2.376e+00 -3.172 0.001515 \*\*

b1 2.166e+01 2.348e-01 92.263 < 2e-16 \*\*\*

b2 -3.159e-02 4.507e-04 -70.089 < 2e-16 \*\*\*

b5 3.520e+00 1.004e-01 35.067 < 2e-16 \*\*\*

b7 -6.539e-02 1.846e-03 -35.424 < 2e-16 \*\*\*

b8 1.548e-04 6.636e-06 23.323 < 2e-16 \*\*\*

b11 -1.684e-01 1.087e-02 -15.498 < 2e-16 \*\*\*

b12 3.283e-03 1.928e-04 17.031 < 2e-16 \*\*\*

b23 2.175e-01 2.560e-02 8.495 < 2e-16 \*\*\*

b24 9.349e-01 3.175e-01 2.945 0.003235 \*\*

b25 -1.791e+00 6.597e-01 -2.715 0.006631 \*\*

b28 2.064e-02 7.194e-03 2.869 0.004121 \*\*

b29 -1.909e-03 1.195e-04 -15.978 < 2e-16 \*\*\*

b32 -2.515e-01 7.586e-02 -3.316 0.000915 \*\*\*

b36 -1.911e+00 7.030e-02 -27.182 < 2e-16 \*\*\*

b38 3.047e+00 5.556e-01 5.484 4.18e-08 \*\*\*

b39 1.161e-03 6.169e-04 1.883 0.059752 .

b40 -4.253e-01 2.855e-02 -14.895 < 2e-16 \*\*\*

b41 8.349e-04 5.306e-05 15.735 < 2e-16 \*\*\*

b43 -1.637e-01 3.232e-02 -5.066 4.08e-07 \*\*\*

b44 -9.492e-06 5.892e-07 -16.109 < 2e-16 \*\*\*

b45 -8.070e-03 1.328e-03 -6.076 1.24e-09 \*\*\*

b46 4.009e-02 1.456e-03 27.537 < 2e-16 \*\*\*

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Robust residual standard error: 1.457

Convergence in 12 IRWLS iterations

Robustness weights:

36043 weights are ~= 1. The remaining 8756 ones are summarized as

Min. 1st Qu. Median Mean 3rd Qu. Max.

0.1372 0.5966 0.7487 0.7260 0.8763 0.9989

# Fir

Residuals:

Min 1Q Median 3Q Max

-21.55748 -1.40342 0.03563 1.39710 19.97385

Parameters:

Estimate Std. Error t value Pr(>|t|)

b0 -1.750e+00 1.153e+00 -1.518 0.1290

b1 1.948e+01 1.019e-01 191.223 < 2e-16 \*\*\*

b2 -2.711e-02 2.691e-04 -100.755 < 2e-16 \*\*\*

b3 -7.562e-02 1.313e-03 -57.587 < 2e-16 \*\*\*

b9 7.733e-02 1.381e-03 56.012 < 2e-16 \*\*\*

b11 -1.588e-01 5.321e-03 -29.844 < 2e-16 \*\*\*

b12 2.066e-03 8.556e-05 24.150 < 2e-16 \*\*\*

b21 4.530e-01 1.576e-02 28.736 < 2e-16 \*\*\*

b28 -2.525e-02 1.501e-02 -1.683 0.0924 .

b29 -8.303e-04 7.093e-05 -11.706 < 2e-16 \*\*\*

b30 1.100e-02 4.357e-03 2.525 0.0116 \*

b31 2.202e+00 1.666e-01 13.224 < 2e-16 \*\*\*

b35 -2.209e+00 1.139e-01 -19.402 < 2e-16 \*\*\*

b37 1.189e+00 3.489e-02 34.074 < 2e-16 \*\*\*

b38 -1.192e+00 1.872e-01 -6.371 1.89e-10 \*\*\*

b39 -1.877e-03 4.579e-04 -4.100 4.14e-05 \*\*\*

b40 -1.410e-01 3.095e-02 -4.554 5.27e-06 \*\*\*

b41 -7.925e-05 1.800e-05 -4.402 1.08e-05 \*\*\*

b42 3.004e-02 2.593e-03 11.588 < 2e-16 \*\*\*

b43 6.562e-02 9.331e-03 7.032 2.04e-12 \*\*\*

b44 1.631e-06 3.496e-07 4.667 3.05e-06 \*\*\*

b45 1.463e-03 3.190e-04 4.585 4.55e-06 \*\*\*

b46 1.962e-02 5.438e-04 36.077 < 2e-16 \*\*\*

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Robust residual standard error: 2.076

Convergence in 11 IRWLS iterations

Robustness weights:

111533 weights are ~= 1. The remaining 28444 ones are summarized as

Min. 1st Qu. Median Mean 3rd Qu. Max.

0.1295 0.5687 0.7276 0.7053 0.8642 0.9989