Supplementary Material

Relating fuel loads to overstory structure and composition in a fire-excluded Sierra Nevada mixed-conifer forest

Jamie M. Lydersen[A,E], *Brandon M. Collins*[A,B], *Eric E. Knapp*[C], *Gary B. Roller*[D] *and Scott Stephens*[D]

[A]USDA Forest Service, Pacific Southwest Research Station, 1731 Research Park Dr., Davis, CA 95618, USA.

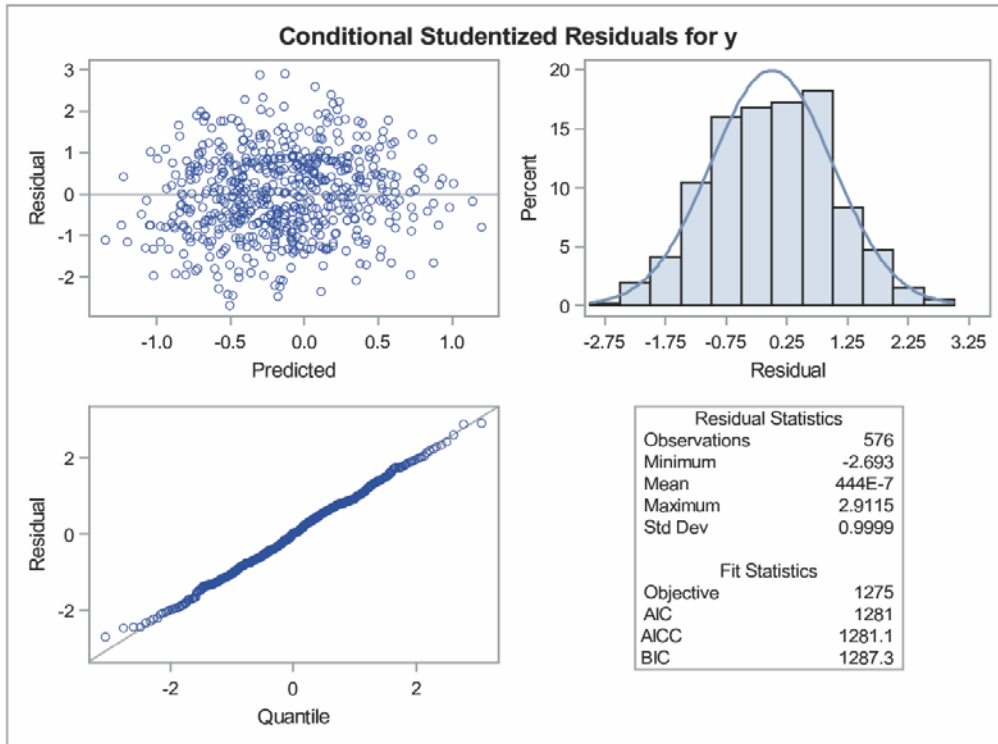[B]Center for Fire Research and Outreach, College of Natural Resources, University of California, Berkeley, USA.

[C]USDA Forest Service, Pacific Southwest Research Station, 3644 Avtech Parkway, Redding, CA 96002, USA.

[D]Department of Environmental Science, Policy and Management, University of California, Berkeley, 130 Mulford Hall, MC#3114, Berkeley, CA 94720, USA.

[E]Corresponding author. Email: jmlydersen@fs.fed.us

log(OneHour + 0.1) = CC_ABCO BAlive_pine BA_liveTot

The Mixed Procedure

Conditional Studentized Residuals for y

Residual Statistics	
Observations	576
Minimum	-2.693
Mean	444E-7
Maximum	2.9115
Std Dev	0.9999

Fit Statistics	
Objective	1275
AIC	1281
AICC	1281.1
BIC	1287.3

(TenHour + 0)**0.4 = CC_tot BAlive_pine BA_liveTot

The Mixed Procedure

Conditional Studentized Residuals for y

Residual Statistics	
Observations	576
Minimum	-3.101
Mean	-44E-6
Maximum	3.2646
Std Dev	1.0015

Fit Statistics	
Objective	1096.6
AIC	1102.6
AICC	1102.7
BIC	1108.9
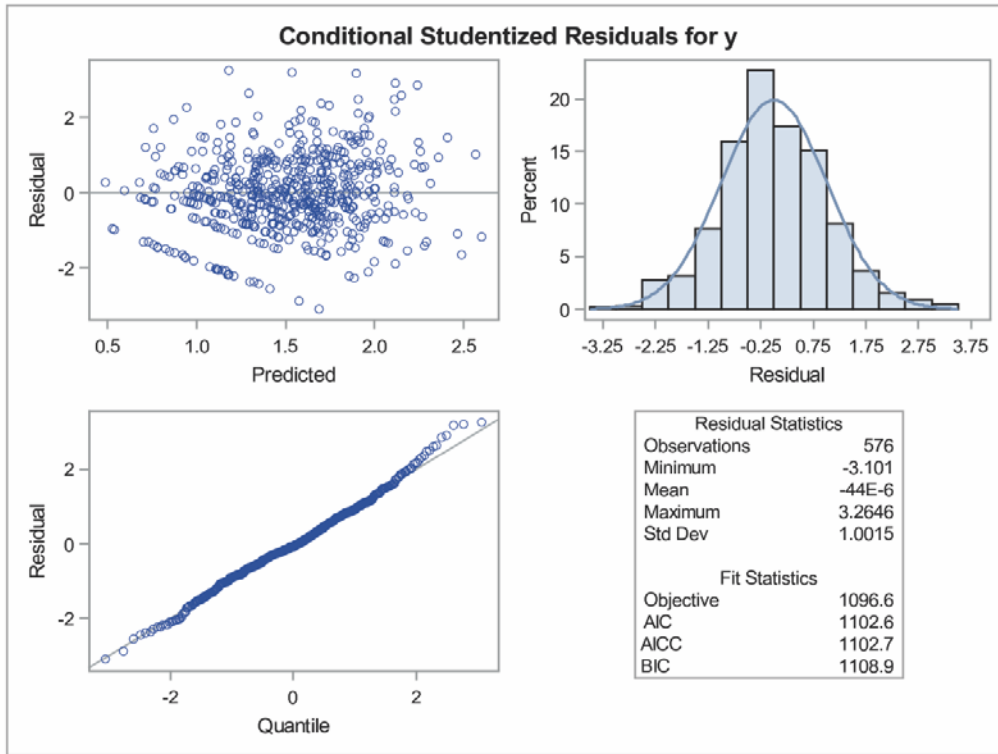
(One2HundredHour + 0)**0.25 = CC_ABCO BAlive_fir BA_deadTot

The Mixed Procedure

Conditional Studentized Residuals for y

Residual Statistics	
Observations	576
Minimum	-3.41
Mean	0.0001
Maximum	4.0358
Std Dev	1.0005

Fit Statistics	
Objective	577.35
AIC	583.35
AICC	583.39
BIC	589.58
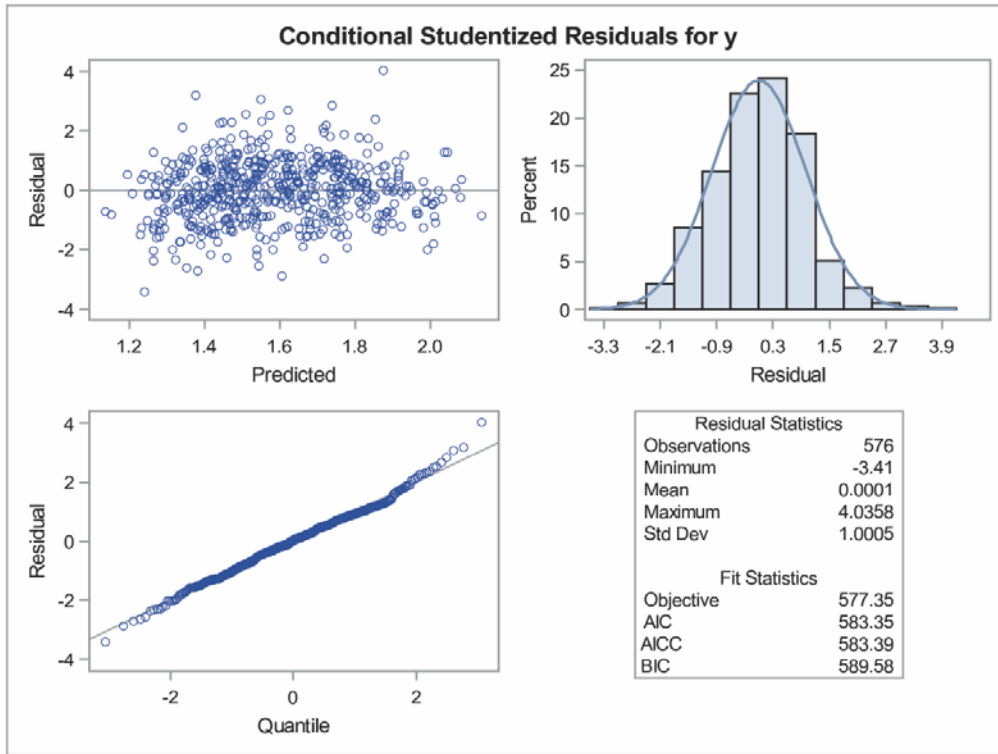
(Duff + 0)**0.58 = CC_tot BA_liveTot BA_deadTot

The Mixed Procedure

Conditional Studentized Residuals for y

Residual Statistics	
Observations	576
Minimum	-2.529
Mean	0.0004
Maximum	3.9855
Std Dev	0.999
Fit Statistics	
Objective	2978.8
AIC	2984.8
AICC	2984.8
BIC	2991

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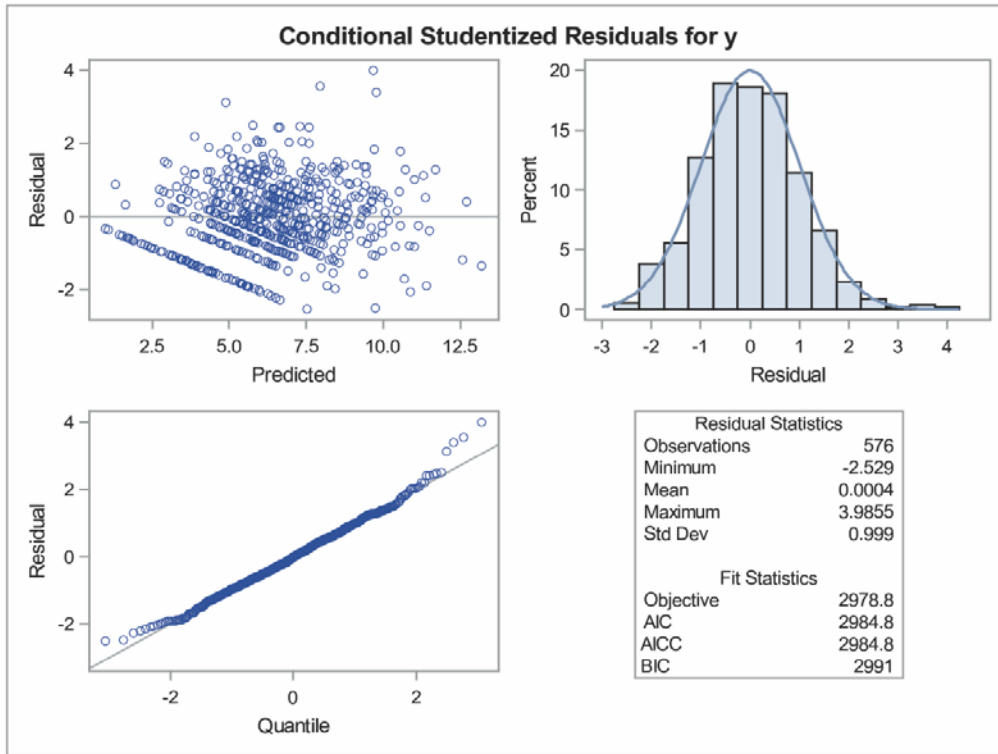
(Litter + 0)**0.4 = CC_tot CC_pine BA_deadTot

The Mixed Procedure

Conditional Studentized Residuals for y

Residual Statistics	
Observations	576
Minimum	-3.966
Mean	0.0034
Maximum	3.6191
Std Dev	1.0017

Fit Statistics	
Objective	1607.7
AIC	1613.7
AICC	1613.7
BIC	1619.9