Log transformation(s): target AGB Model Rank Model Index **Model Name** # Parameters **AIC Delta AIC** Log-Likelihood 01 05 VOD+VARI+NDVI+NIRv+LAI 07 26,863.33 0.00000 -13,424.66 02 80 06 VOD+VARI+NIRv+LAI 26.883.11 19.78687 -13.435.56 03 04 06 27.040.93 177.60324 -13,514.47 VOD+VARI+NDVI+NIRv 04 07 VOD+VARI+NIRv 05 27,061.44 198.11280 -13,525.72 05 06 06 VOD+VARI+NDVI+LAI 28,507.28 1,643.95395 -14,247.64 06 03 VOD+VARI+NDVI 05 29,135.60 2,272.27600 -14,562.80 07 09 VOD+VARI+LAI 05 2,313.07034 29,176,40 -14,583,20 80 02 VOD+VARI 04 30.528.92 3.665.58864 -15.260.46 09 13 VOD+NDVI+NIRv+LAI 06 30,694.14 3,830.81344 -15,341.07 10 15 VOD+NIRv+LAI 05 31,680.49 4,817.16540 -15,835.25 11 20 VARI+NDVI+NIRv+LAI 06 33,275.43 6,412.09775 -16,631.71 22 12 VARI+NIRv+LAI 05 33,331.49 6,468.16654 -16,660.75 13 19 VARI+NDVI+NIRv 05 33,491,15 6,627.82534 -16,740.58 -16.768.16 14 21 VARI+NIR_V 04 33.544.32 6,680.98973 05 7.031.14358 15 31 VARI+NDVI+LAI 33,894.47 -16,942.24 16 23 VARI+LAI 04 34,009.09 7,145.75750 -17,000.54 17 18 **VARI+NDVI** 04 34,122.03 7,258.69837 -17,057.01 17 03 18 VARI alone 34,374.83 7,511.49778 -17,184.41 19 11 05 VOD+NDVI+NIRv 35,562.41 8.699.07807 -17,776.20 20 12 VOD+NDVI+LAI 05 35,578.24 8,714.91632 -17,784.12 21 16 VOD+LAI 04 35,645.19 8,781.85799 -17,818.59 22 26 NDVI+NIRv+LAI 05 36,751.00 9,887.67034 -18,370.50 23 10 **VOD+NDVI** 04 37,223.89 10,360.55795 -18,607.94 24 14 VOD+NIRv 04 37,754.67 10.891.34574 -18.873.34 25 01 VOD alone 03 37.795.15 10.931.82055 -18.894.57 26 28 NIRv+LAI 04 37.892.63 11,029.30662 -18,942.32 27 30 NDVI+LAI 04 39,691.87 12,828.54621 -19,841.94 28 29 03 -19,848.87 LAI alone 39,703.75 12,840.41968 29 25 NDVI+NIRv 04 41,801.90 14,938.56930 -20,896.95 NDVI alone 30 24 03 42,269.65 15,406.32329 -21,131.83 27 NIRv alone

03

44,392.98

17,529.65542

-22,193.49

31