

*Expert calibration*

*Inverse calibration*

*Fagus sylvatica*

AUC = 0.73

AUC = 0.92

Carbon reserves  
0 100 200

Carbon reserves  
0 10 20

*Quercus ilex*

AUC = 0.7

AUC = 0.95

Carbon reserves  
0 1000 2000 3000

Carbon reserves  
0 200 400

*Abies alba*

AUC = 0.8

AUC = 0.89

Carbon reserves  
0 50 100

Carbon reserves  
0 2500 5000