

S1 Table. Biomass equations

Derived from Marklund (1988) and Peterson and Ståhl (2006).

Norway Spruce (<i>Picea abies</i>)	
Stem + Bark	$\text{Ln (S+B)} = -2.1702 + 7.4690 \cdot d / (d+14) + 0.0289 \cdot h + 0.6828 \cdot \ln(h)$
Branches and needles	$\text{Ln (B+N)} = -1.2063 + 10.9708 \cdot d / (d+13) - 0.0124 \cdot h - 0.4923 \cdot \ln(h)$
Stumps	$\text{Ln (S)} = -3.3645 + 10.6686 \cdot d / (d+17)$
Roots (< 5mm)	$\text{Ln (R)} = 4.52965 + 10.57571 \cdot d / (d+142)$

Scots Pine (<i>Pinus sylvestris</i>)	
Stem + Bark	$\text{Ln (S+B)} = 2.6768 + 7.5939 \cdot d / (d+13) + 0.0151 \cdot h + 0.8799 \cdot \ln(h)$
Branches and needles	$\text{Ln (B+N)} = 2.8604 + 9.1015 \cdot d / (d+10)$
Stumps	$\text{Ln (S)} = 3.3913 + 11.1106 \cdot d / (d+12)$
Roots (< 5mm)	$\text{Ln (R)} = 3.390 + 11.068 \cdot d / (d+113)$

Birch (<i>Betula pendula</i>, <i>Betula pubescence</i>)	
Stem	$\text{Ln (S)} = -3.5686 + 8.2827 \cdot d / (d+7) + 0.00393 \cdot h + 0.5772 \cdot \ln(h)$
Branches	$\text{Ln (B)} = -3.3633 + 10.2806 \cdot d / (d+10)$
Leaves	$\text{Ln (L)} = -3.9823 + 8.058 \cdot d / (d+8)$
Roots (< 5mm)	$\text{Ln (R)} = 4.909 + 9.912 \cdot d / (d+138)$

d = diameter at breast height (cm), h = height (m). The results are returned in kilograms of dry weight. Roots are returned in grams.