**Supplementary Fig. S1.** Calibration results of COMPYLD. Summary of the 193 bi-weekly fitted regression of herbage mass at ground level (kg DM/ha) against visual scale (1-5).



**Supplementary Fig. S2.** Calibration results of CDAX (adapted from Figure 7, Waller 2020). Mean absolute error of the prediction of available herbage biomass above 5 cm derived from cross-validation for the single unique equation, and for equations that exclude one dissimilar category: "Fescue" when grouped by forage resource, "Summer" when grouped by season, and "First year" when grouped by pasture age).

