

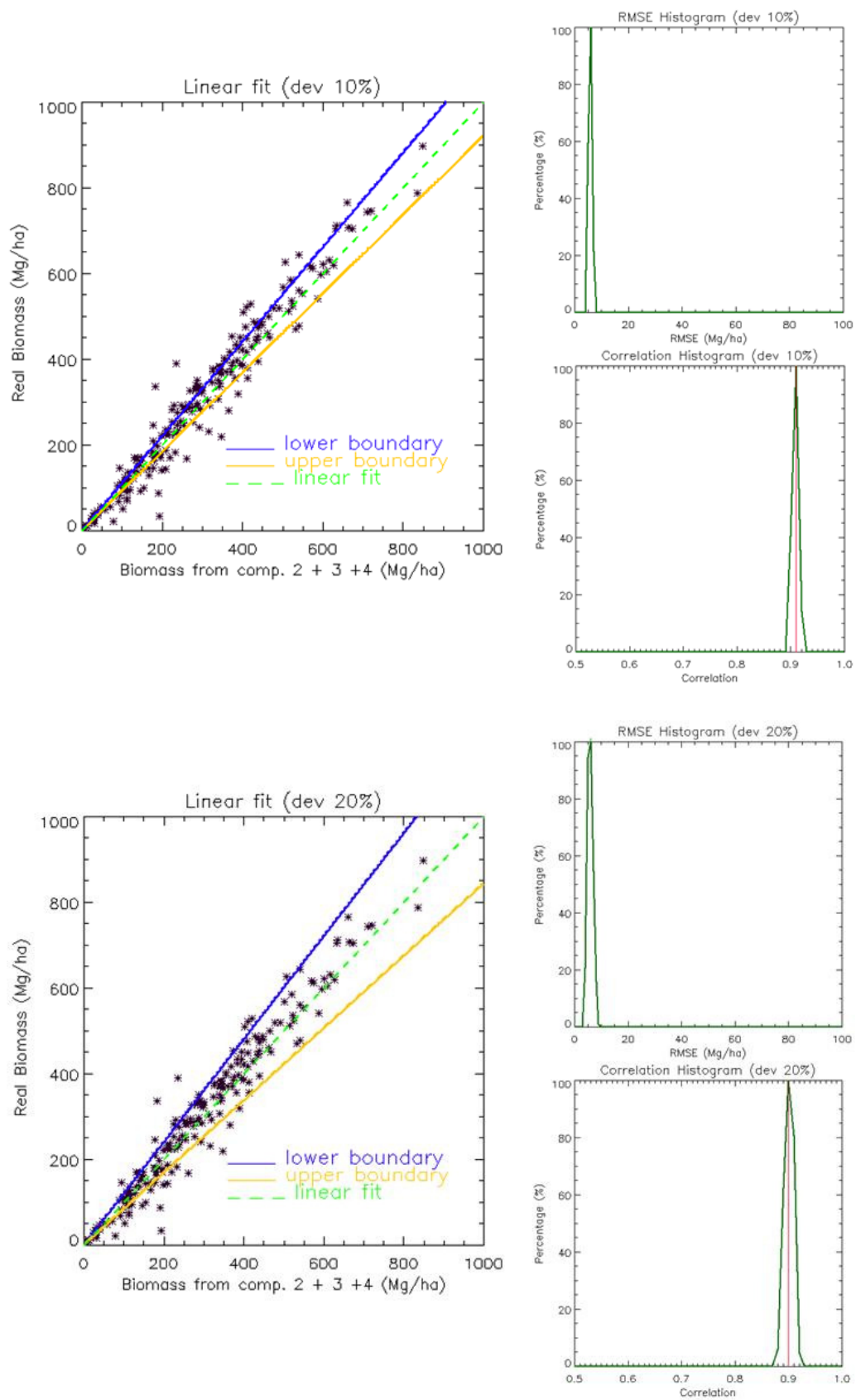
## Annex 5: Monte Carlo test

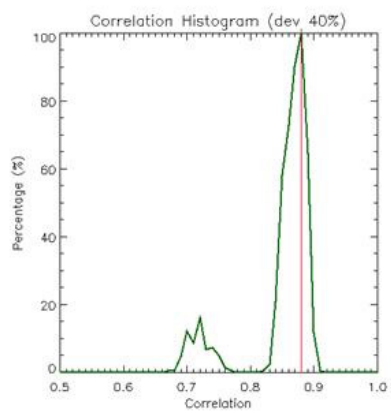
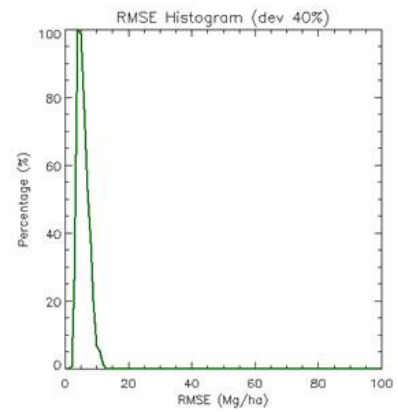
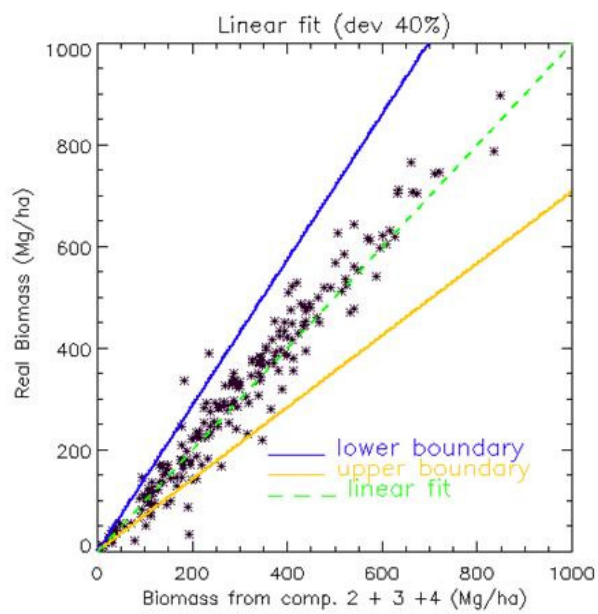
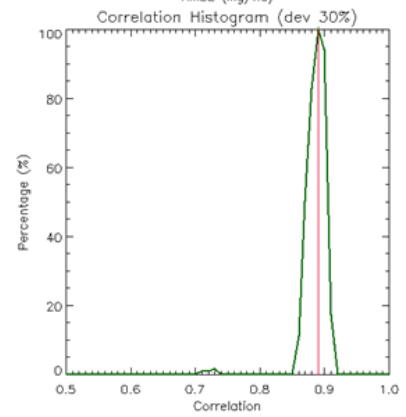
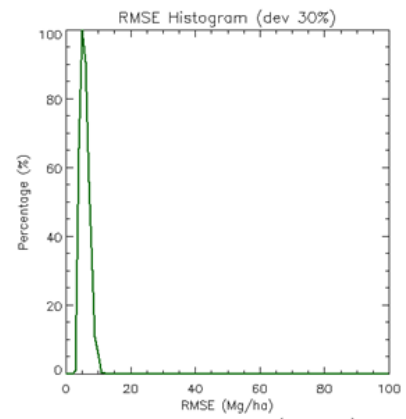
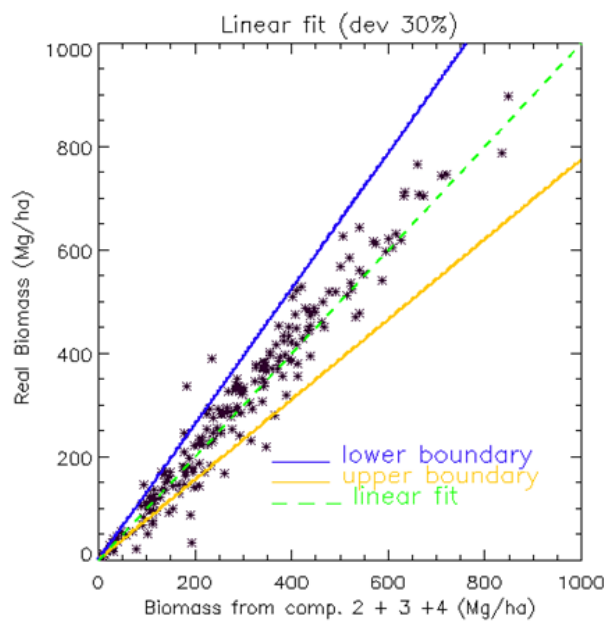
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Monte Carlo test results are displayed in this annex. This results are divided in four groups: Legendre Components 1+2+3, Legendre Component 2, Legendre Component 3 and Legendre Component 4. For each Legendre component results for 10 to 40% deviations are shown for Legendre Component 3 only 10% deviation is shown.

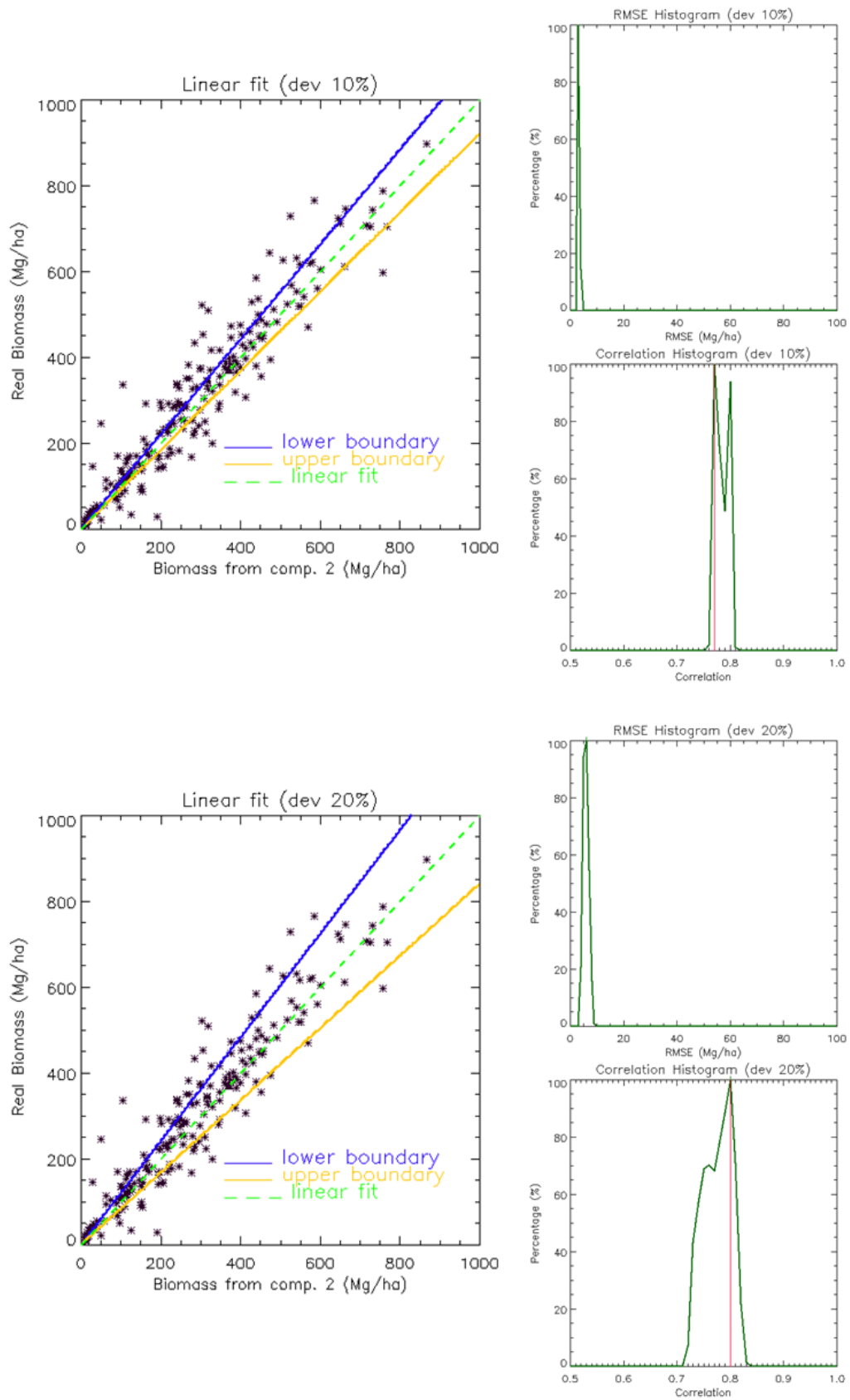
Three graphs are displayed for each deviation: The plot of the left hand side represents the correlation of the real biomass against the estimated biomass from the structure to biomass allometric equation ( $B = 2.88 * \sum_{i=0}^H \sum_{j=1}^3 a_j P_j$ ). The dashed green line represents the linear fit (degree of correlation) the yellow line the linear fit for the maximum additive deviation (lower boundary) and the blue line the maximum subtractive deviation (upper boundary). The plot on the upper right side is the histogram of Root Mean Square Error (RMSE) and the lower right side plot, the histogram of the correlation factor. Notice that for Components 1+2+3 the scale of the correlation histogram goes from 0.5 to 1.00 while in the rest goes from 0.00 to 1.00.

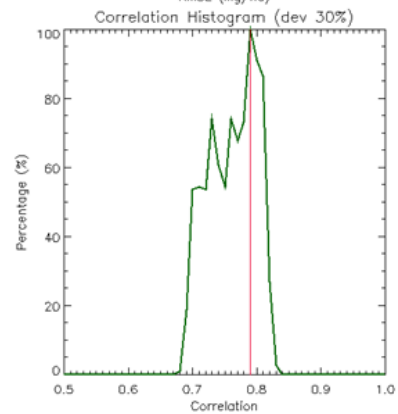
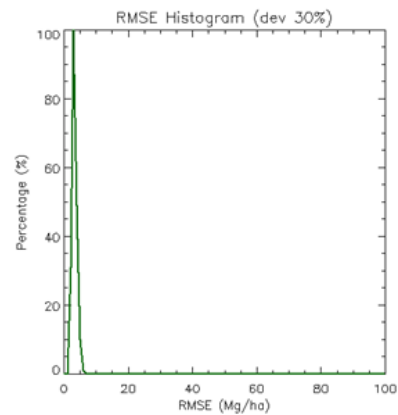
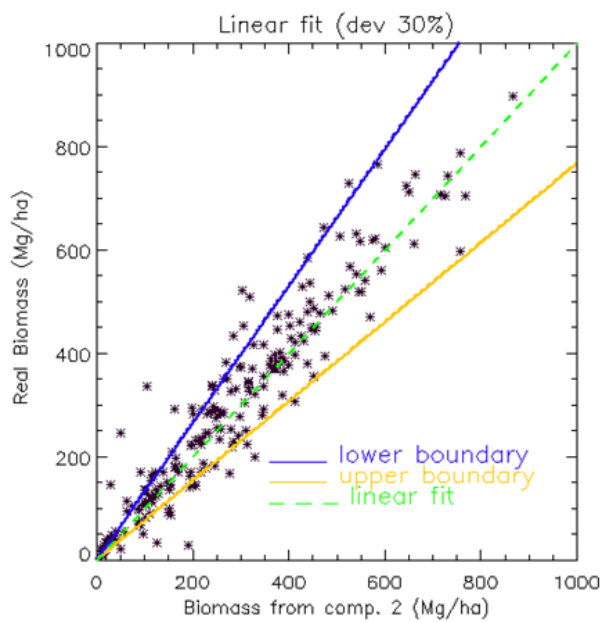
## Legendre Components 1+2+3



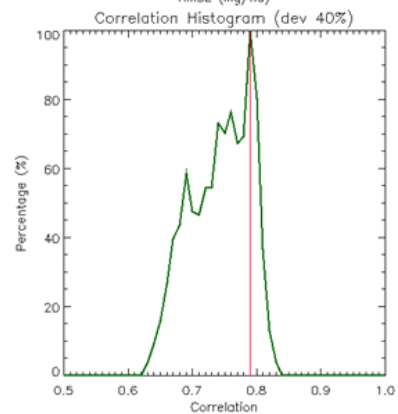
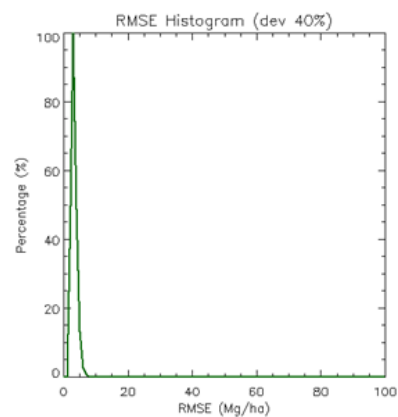
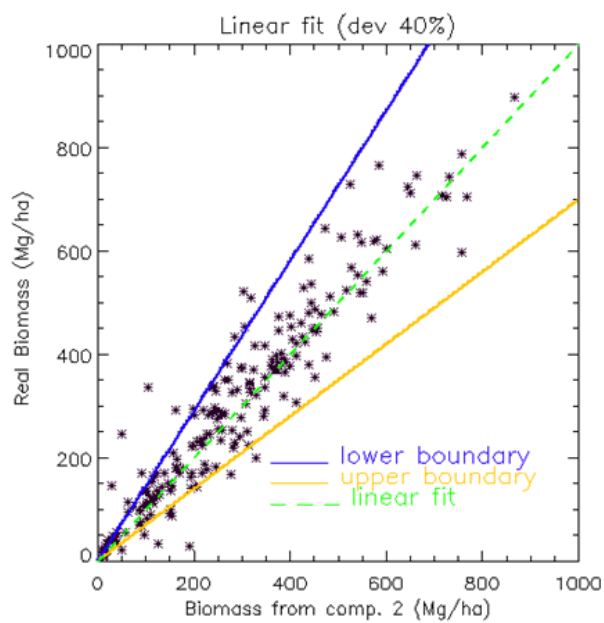


## Legendre component 1

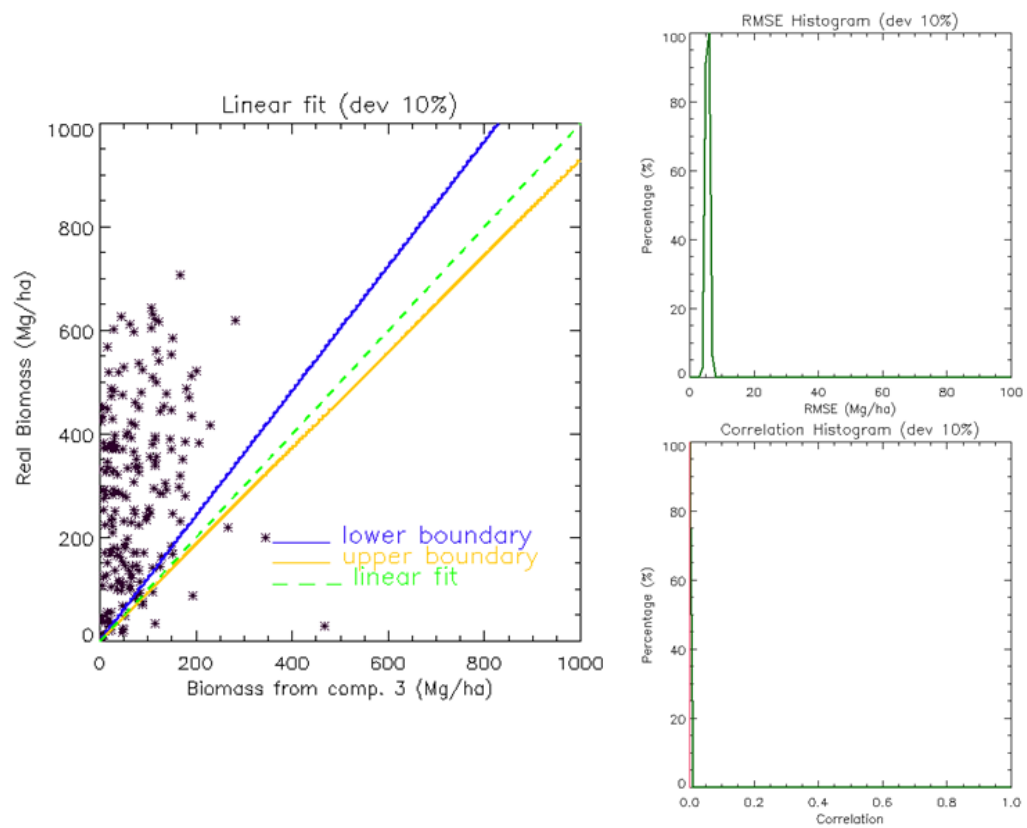




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## Legendre component 2



## Legendre component 3

