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Forests, savannas and grasslands: bridging the knowledge gap between ecology and Dynamic Global Vegetation Models

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Figure A1

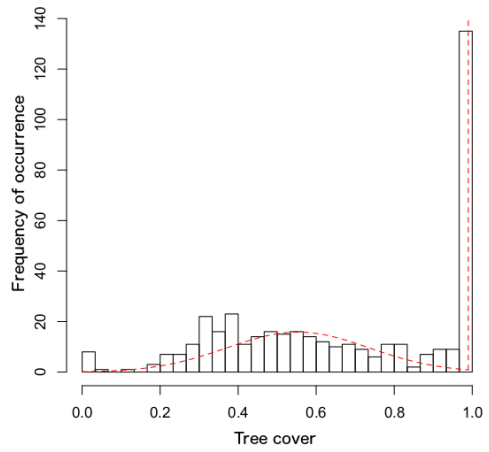

Fig. A1 Frequency distribution of tree cover for the aDGVM output, for mean annual precipitation between 800 and 1200 mm y^{-1} mean annual rainfall. The distribution is bimodal (i.e. it is fitted significantly better by a superposition of two normal distributions, tested against the null hypothesis of unimodal normal distribution, $p \ll 0.001$).

Table B1 - The coefficient *b* of the quantile nonlinear regression curves for the model and observational data. Values for the 90% and 99% quantile are reported.

Data series	**Figure panel**	***b*, 90% quantile [$mm^2\ y^{-2}$]**	***b*, 99% quantile [$mm^2\ y^{-2}$]**
Field observation	Fig. 1A	5.8E+05	3.0E+05
MODIS observation	Fig. 1B	4.1E+05	1.9E+05
JSBACH/DYNVEG	Fig. 2A	1.4E+05	6.1E+04
LPJ-GUESS-SPITFIRE	Fig. 2B	6.1E+04	4.4E+03
aDGVM	Fig. 2C	3.9E+04	5.4E+03