

Table 1. Dissimilarities of trait distributions (Figure 3) with the applied reduction in precipitation (50%) for both employed modeling approaches: PFT and trait-based. The closer the value is to 1, the more dissimilar the curves are to each other. PFT: plant functional type; α : allocation; τ : residence time; ABGW: aboveground woody tissues.

Functional trait	Approach	Distribution dissimilarity
α_{Leaf}	Trait-based	0.68
	PFT	0.733
α_{Abgw}	Trait-based	0.638
	PFT	0.481
$\alpha_{\text{Fineroots}}$	Trait-based	0.656
	PFT	0.896
τ_{Leaf}	Trait-based	0.678
	PFT	0.694
τ_{Abgw}	Trait-based	0.755
	PFT	0.466
$\tau_{\text{Fineroots}}$	Trait-based	0.664
	PFT	0.708