

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

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