

Interactive comment on “Linking big models to big data: efficient ecosystem model calibration through Bayesian model emulation” by Istem Fer et al.

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Dear reviewers and colleagues,

Unfortunately during the re-formatting step, a misalignment occurred in Table 2's columns. Please consider the following format for it.

We apologize for the inconvenience.

Istem Fer, On behalf of all Co-Authors

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Discussion paper



Table 2. Performance statistics of ensemble means before and after the PDA for both models and output variables. While root-mean-square-error (RMSE) scores evaluate the absolute deviations of model predictions than data, deviance ($-2 \times \log$ -likelihood) scores evaluate predictive ability. For both metrics lower scores are better.

420 SIPNET_E: Emulator PDA. SIPNET_B: Brute-force PDA. Bold RMSE values for NEE and SoilResp were rescaled by 10^6 for easier comparison.

		NEE		LE		SoilResp	
		pre-PDA	post-PDA	pre-PDA	post-PDA	pre-PDA	post-PDA
RMSE	SIPNET _E	140	45	89	81	18	21
	SIPNET _B		43		77		32
	ED2	122	68	124	89	29	18
Deviance	SIPNET _E	2745	1073	9879	8469	-1333	-1372
	SIPNET _B		944		8331		-1315
	ED2	3152	1523	9914	9103	-1380	-1390

Fig. 1. Corrected Table 2 columns