A

B₂

Regularization			**DNN-specific**		
Environmental	Spatial	Biotic covariance	Hidden layers	Dropout rate	Learning rate
α_e, λ_e	α_s, λ_s	α_b, λ_b*			
0 to 1, step 0.2	0 to 1, step 0.25	0 to 1, step 0.1	50, 50, 10 / 25, 25, 10	0.1, 0.2	0.001, 0.002

* α_b, λ_b were set to the same value for each run

Data split	**Full Training** (75%)				**Test** (25%)
Tuning	**B₁** training	training	validation		
	training	validation	training		
	training	validation	training		
	training	validation	training		
	validation	training			
Final fit	full training				test

C