

Online Resource 10. Model selection table identifying the most parsimonious models of relationship between densities of studied groups. Only the best five candidate models are shown.

a) Tardigrada

Rank	Fixed effects	df	QAIC	ΔQAIC
1	Intercept only (null model)	1	13.0	0
2	Cyanobacteria	2	14.5	1.43
3	Rotifera	2	14.8	1.82
4	Algae	2	15.0	1.97
5	Cyanobacteria + Rotifera	3	16.2	3.21

b) Rotifera

Rank	Fixed effects	df	QAIC	ΔQAIC
1	Intercept only (null model)	1	17.0	0
2	Algae	2	18.8	1.52
3	Tardigrada	2	19.1	1.81
4	Cyanobacteria	2	19.3	2.00
5	Algae + Tardigrada	3	20.6	3.32

Snapshot of micro-animals and associated biotic and abiotic environmental variables on the edge of south-west Greenland ice sheet. *Limnology*.

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