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	Size-based	Size-based	Size-based					
Growth	NA (statistical)	Food dep.	Food dep.					
Food choice	Size pref.	Size pref.	Size pref.					
Reproduction	None	None	Pooled					
Parameters	<15	<15 (<25)	<15 (<25)					
Examples of lead authors (apologies if I missed you)	Brown, Gillooly, Jennings, Mackinson	Kerr, Dickie, Duplisea	Silvert, Benoit, Platt, Borgmann, Maury, Arino, Rochet, Blanchard, Law					
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From size to size- and trait-based models								
	Size-based	Size-based	Size-based	Size &trait based	Size & "species" based			
Growth	NA (statistical)	Food dep.	Food dep.	Deterministic/ Food dep.	Deterministic/ Food dep.			
Food choice	Size pref.	Size pref.	Size pref.	Size pref.	Size pref + D.M.			
Reproduction	None	None	Pooled	Explicit	Explicit			
Parameters	<15	<15 (<25)	<15 (<25)	15+	30+			
Examples of lead authors (apologies if I missed you)	Brown, Gillooly, Jennings, Mackinson	Kerr, Dickie, Duplisea	Silvert, Benoit, Platt, Borgmann, Maury, Arino, Rochet, Blanchard, Law	Pope, Andersen, Maury, Law, Hartvig	Bravington, Duplisea, Hall, Andersen, Collie, Rochet, Blanchard, Scott			







The continuum of size and size and trait-based models provided a potentially valuable toolkit To explore many emerging questions through a range of lenses

- Biomass and production of macroscopic life
- Diversity body mass relationships
- Fisheries potential and effects of fishing
- Biogeochemical roles of macroscopic life
- Stability and resilience of food webs
- The effects of climate variation and change













































- Size and trait-based methods can make the intractable tractable
 Already providing everything from null models to tactical tools
- Embrace the differences among methods and models
- Even simple models create large demands for data and insight



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