

	Engagement		Learning conceptualization			Measurement				Type of study	
	AMC	EEM	Beh	Cog	Soc	DPM	DR	SL	SMM	Case	Exp
Aşık & Doğança Küçük (2021)		✓		✓			✓				✓
Baghaei Lakeh & Ghaffarzadegan (2015)		✓		✓			✓				✓
Baghaei Lakeh & Ghaffarzadegan (2016)		✓		✓			✓				✓
Borštnar et al. (2011)		✓	✓		✓	✓					✓
Brauch and Größler (2022)		✓	✓	✓		✓	✓		✓		✓
Bußwolder (2015)		✓	✓			✓			✓		✓
Dhawan et al. (2011)	✓			✓			✓				✓
Elsawah et al. (2017)		✓		✓					✓		✓
Fischer, Degen & Funke (2015)		✓		✓			✓				✓
Gary & Wood (2016)		✓	✓	✓		✓			✓		✓
Haque et al. (2023)	✓			✓					✓	✓	
Herrera et al. (2016)	✓				✓			✓			✓
Jensen (2014)	✓			✓			✓				✓
Kopainsky & Sawicka (2011)		✓	✓	✓		✓	✓				✓
Lee (2010)	✓			✓			✓			✓	
McCardle-Keurentjes et al. (2018)	✓	✓	✓	✓		✓			✓		✓

Moallemi et al. (2021)	✓				✓				✓	✓	
Mulder et al. (2015)	✓	✓		✓					✓		✓
Öllinger et al. (2015)		✓	✓	✓		✓			✓		✓
Pavlov et al. (2015)		✓	✓	✓						✓	
Plate (2010)	✓			✓					✓		✓
Rooney-Varga et al. (2018)		✓	✓	✓	✓		✓				✓
Rooney-Varga et al. (2021)		✓	✓	✓	✓			✓			✓
Rouwette et al. (2011)	✓		✓	✓					✓	✓	
Scholz et al. (2015)	✓			✓	✓			✓	✓	✓	
Scott et al. (2013)	✓			✓	✓			✓		✓	
Sterman (2010)	✓			✓			✓				✓
Sterman et al. (2015)		✓		✓	✓		✓			✓	
Thompson et al. (2016)	✓			✓	✓			✓		✓	
Van Borkulo et al. (2012)	✓			✓			✓				✓
Wijnen et al. (2015)	✓	✓		✓					✓		✓
Yang et al. (2016)		✓	✓			✓					✓

Legend

Engagement:

AMC = Active model construction

EEM = Engagement with an existing model

Learning conceptualization:

Beh = Behavioral

Cog = Cognitive

Soc = Social

Measurement:

DPM = Decision performance metrics

DR = Dynamic reasoning / systems thinking

SL = Social learning / consensus

SMM = Structural mental model change

Type of study:

Case = Case study

Exp = Experimental

Lit = Literature review

Theo = Theoretical