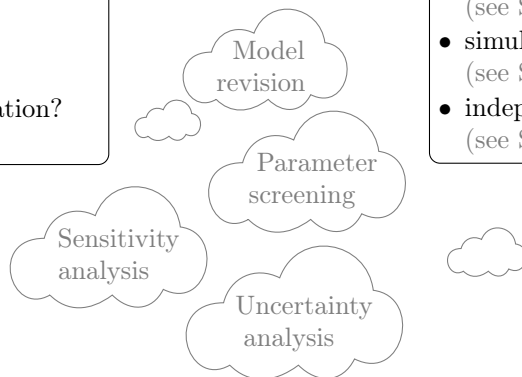


I. PREPARE – Before calibration

- insensitive parameters?
(see Sect. 2.1)
- parameters with constraints?
(see Sect. 2.2)
- data span orders of magnitude?
(see Sect. 2.3)
- which data to use?
(see Sect. 2.4)
- manual or automatic calibration?
(see Sect. 2.5)

III. CHECK – After calibration

- parameter values
converge/consistent?
(see Sect. 2.10)
- objective function values
converge/consistent?
(see Sect. 2.10)
- simulation fits observations?
(see Sect. 2.10)
- independent trials consistent?
(see Sect. 2.10)



II. EXECUTE – During calibration

- parameters: ranges too narrow/wide? converge to values within range? large spread between trials?
(see Sect. 2.6)
- objective function: fit looks like what you expected? important features of data matched?
(see Sect. 2.7)
- calibration algorithm: results converge? independent trials look similar? increase budget?
(see Sect. 2.8)
- single-objective vs. multi-objective: pareto front degenerated? reduce number of objectives?
multi-objective results consistent with single-objective references?
(see Sect. 2.9)