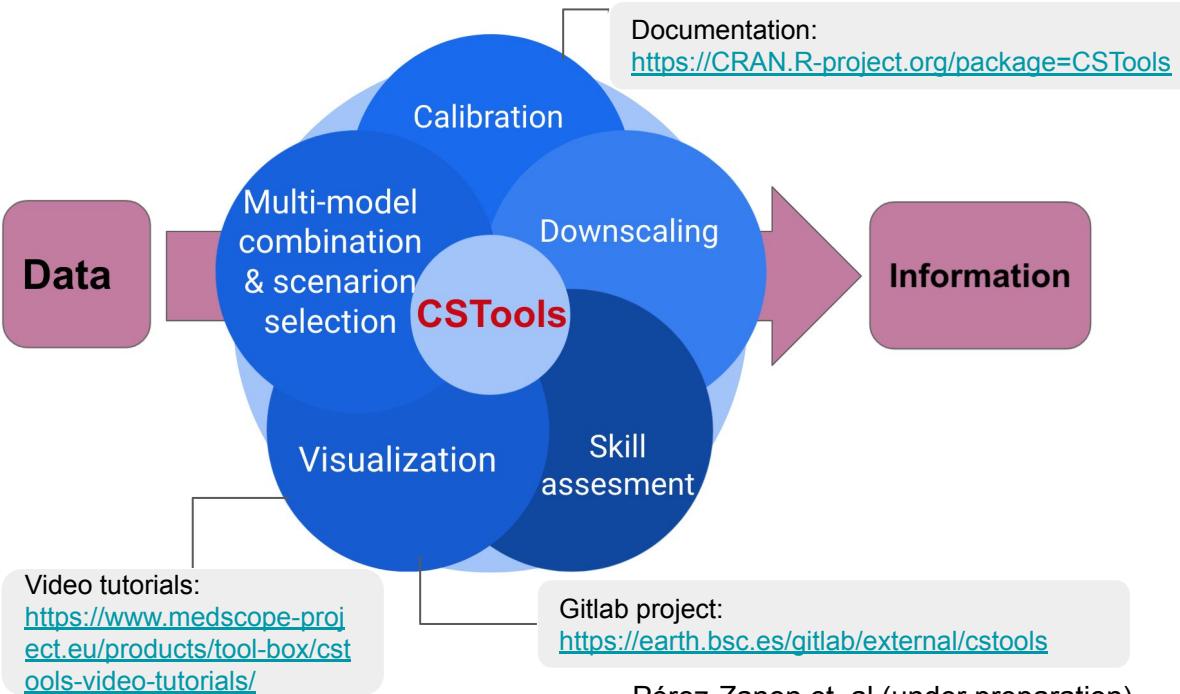


The MEDSCOPE Toolbox for Climate Forecasts postprocessing

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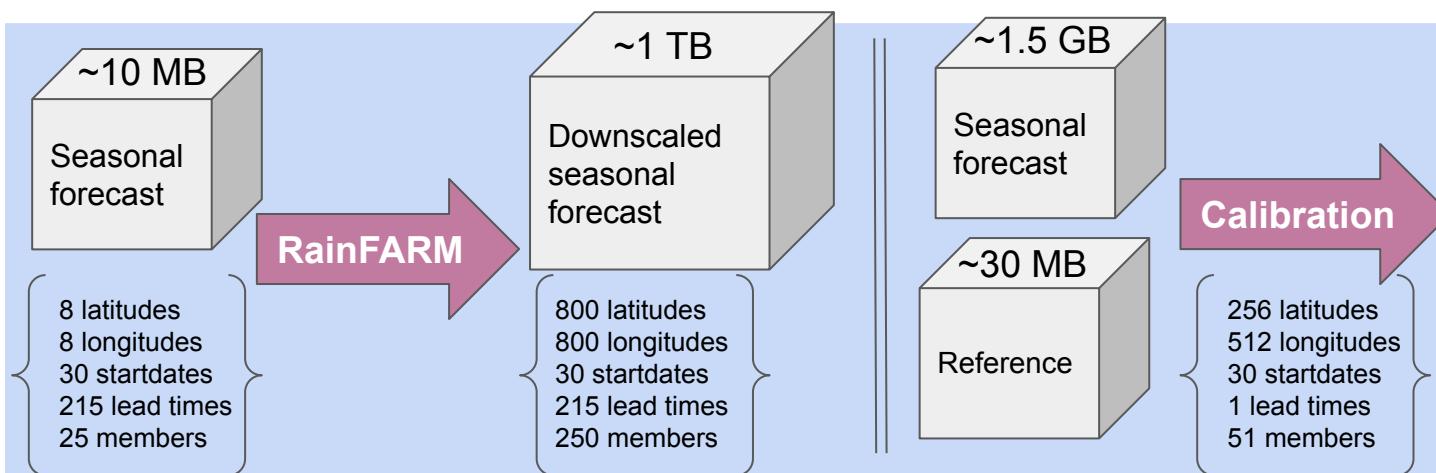
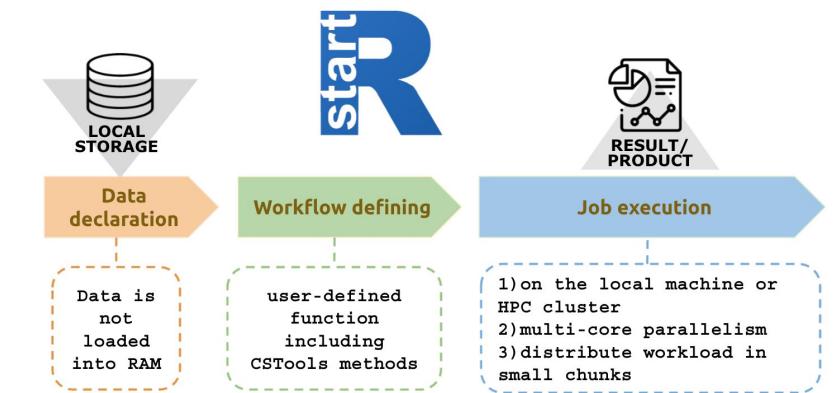
- ★ The relevance of CSTools is given by its state-of-the-art methods.



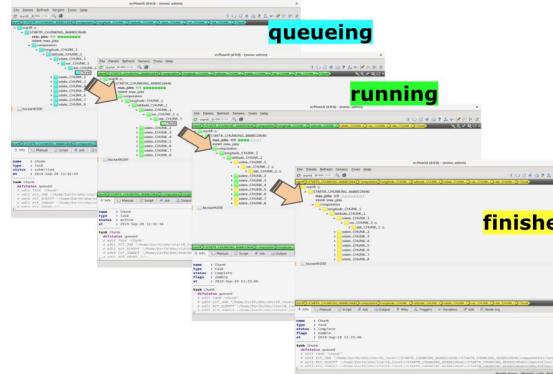
Other key features are:

- the software structure in individual functions → allows to the users to design their own postprocessing chain of functions tailored to their needs
- each function is built in a nested design:
 - the external level → allows to retain data and metadata information during the analysis
 - the middle level → allows to parallel computing by setting one parameter 'ncores' thanks to multiApply package
 - the fundamental level → enables the compatibility with startR package

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Monitoring the execution through ecFlow UI



- * Processing chunks...
- * Remaining time estimate soon...
- * Remaining time estimate ...
- * Computation ended successfully.
- * Number of chunks: 4
- ...
- * Transfer results from cluster: 72.073
- * Merge: 0.558037757873535
- ...
- * Computation ended successfully.

Get results in the terminal.

Declare large data	<code>exp <- Start() obs <- Start()</code>
Define workflow	<code>wrap_cal <- function(obs, exp) { calibrated <- CSTools::::cal() } wf <- AddStep(Step())</code>
Job execution	<code>res <- Compute(wf, chunks = list(lat = 2, lon = 2), cluster = list(host = "nord3", queue_type = 'lsf', cores_per_job = 2))</code>