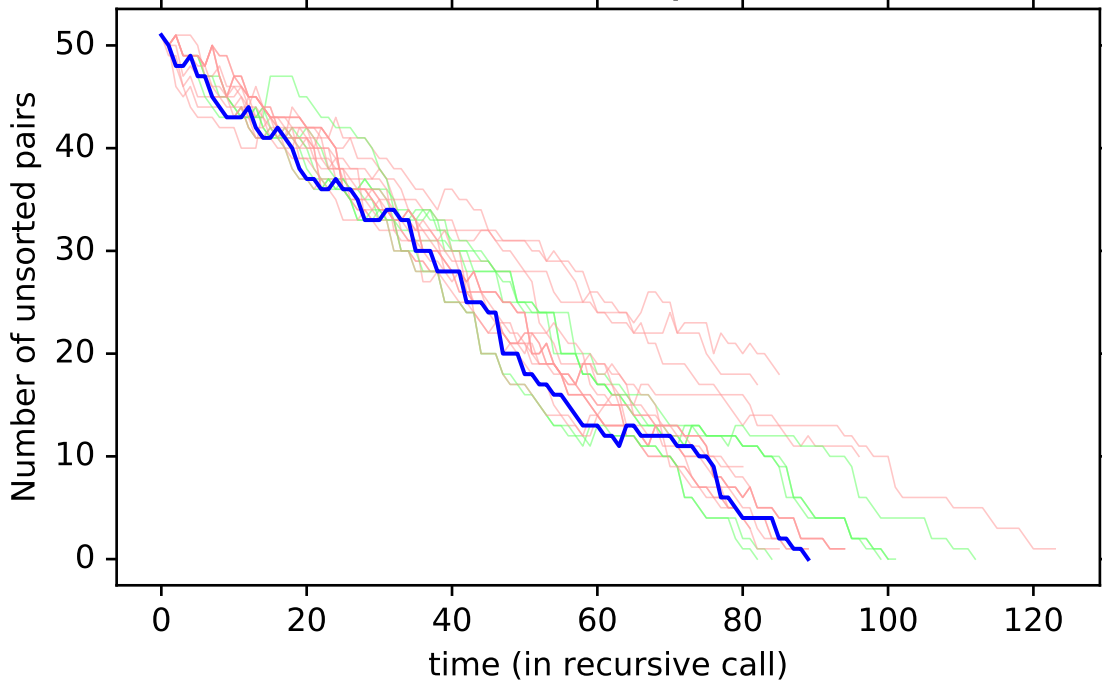Executions of Quicksort

Perturbation envelope of quicksort on an array of 100 integers
In blue, the unperturbed execution,
in green, the 12 perturbed execution that end with a success, and
in light red, the 15 perturbed execution that end with a success with
  failure or exception for the RND0.5exp.
in total, there is 28 executions.