

E2E test updates

With updates to the science behind the workflow, we need to update our tests to use this.

We have also discovered some areas we would like to cover with end to end tests.

As a result the end to end tests have had the following updates

Test	Action taken by the test	Intended result of the test	How to use
Automated submission wrapper restart	The submission wrapper used by the end to end test module is restarted multiple times during the test	Ensures that even if the submission wrapper is restarted a cybershake run can continue	Use the argument --test_restart when running any cybershake end 2 end test
Database stress test	A cybershake consisting of 30000 realisations is simulated (Nothing is run using slurm) and 3000 tasks are marked as progressing each cycle	Ensures that the sqlite database is capable to performing under a heavy workload	Use the argmuent --test_queue and supply the stress test config. This is not compatible with the --test_restart argument
Cybershake v18p9 run	Approximately 1000 realisations are run, ranging from 500 realisations of Hossack to 1 realisation of AlpineF2K	A large cybershake run to ensure that if significant changes are made to the code, the science comes out the same	Use the min cs 18p9 config file
Version 18p5p3p4 run	Update the simple test configuration to use the 18p5p3p4 version	The new version uses an updated VS30 model	Use the simple 18p5p3p4p config file