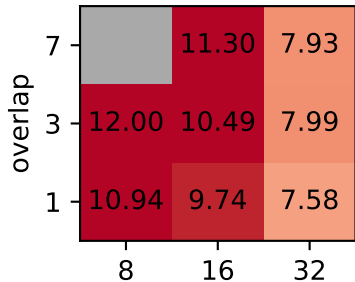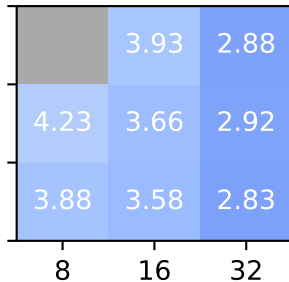Average t-test for Circuit [$\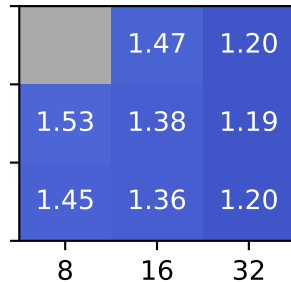sigma$]