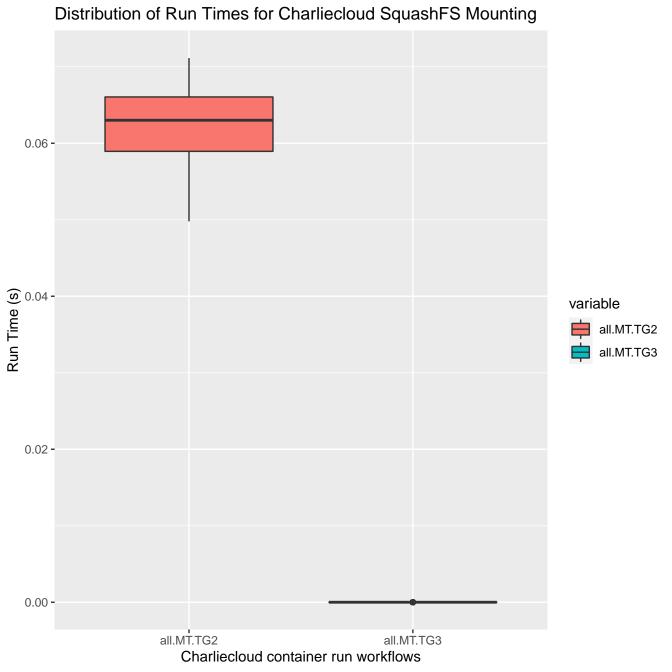
Density of Run Times for Charliecloud Container Run Workflows 50 -40 -30 variable density all.E2E.TG1 all.E2E.TG2 all.E2E.TG3 20 -10 -0 -0.2 0.1 0.3 0.4 Run Time (s)

Distribution of Run Times for Charliecloud Container Run Workflows 0.4 -0.3 variable Run Time (s) all.E2E.TG1 all.E2E.TG2 all.E2E.TG3 0.2 -0.1 all.E2E.TG1 all.E2E.TG2 all.E2E.TG3 Charliecloud container run workflows

Density of Run Times for Charliecloud Container Image Mounting 1e+06 variable density all.MT.TG2 all.MT.TG3 5e+05 -0e+00 -0.02 0.06 0.00 0.04 Run Time (s)



Density of Run Times for Charliecloud Container Image Execution 20 variable density all.RT.TG2 all.RT.TG3 10-0 -0.25 0.30 0.20 0.35 Run Time (s)

Distribution of Run Times for Charliecloud SquashFS Container Execution 0.35 -0.30 -Run Time (s) variable all.RT.TG2 all.RT.TG3 0.25 -0.20 all.RT.TG2 all.RT.TG3 Charliecloud container run workflows

Density of Run Times for Charliecloud Container Image Unmounting 7500 density variable all.UT.TG2 all.UT.TG3 2500 -0 -0.02 0.04 0.00 Run Time (s)

