**Opentrons\_experiments/BOTorch\_optimization/Selina\_results**

→ Selina\_results

> Calibration\_reports

Finalized calibration report tables of viscosity standards 204,505,817,1275.

Each csv targets one liquid (as labeled in file name) with rows specifying the target volume 300/500/1000 and columns recording their respective 10 experiment outcomes: mean and relative volume transferred, errors, and standard deviation.

> Human\_iteration

Iterations conducted manually without knowledge of the viscosity standards. Estimated rates approaching errors within ±5%

>SO\_Optimization

Single objective optimization processes, using rates computed with ML. Viscosity standards 204,505,817,1275

>SO\_calibration

Calibrations using best parameters from SO\_Optimization. Viscosity standards 204,505,817,1275.

# Other files and work are in the Conference presentation folder (plots) or Opentrons\_experiments/BOTorch\_optimization/VS\_code\_csv, named with their respective experiment number 2/3 and their liquid viscosity standards.