

- 1. The above flow is for the Grumps estimator (green) and MLE (yellow); the share constraint estimator flow is the same as that for MLE, albeit that in the inner loop, no minimization takes place over the micro contribution.
- 2. The main difference between Grumps and MLE is that MLE uses the optimization code found in the Optim package, whereas Grumps uses a hacked version thereof that can be found in common/optim/pmlalgo.