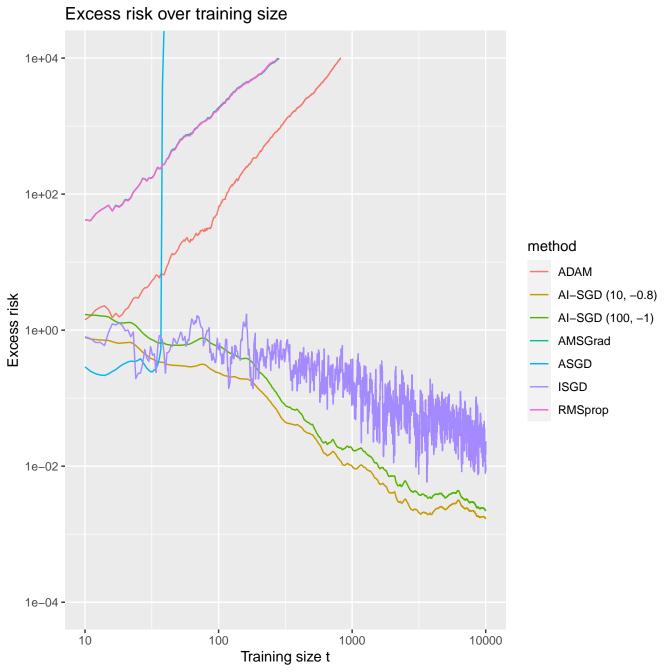
Excess risk over training size 1e+04 -1e+02 method **ADAM** AI-SGD (0.001, 0) Excess risk AI-SGD (0.005, 0) 1e+00 -**AMSGrad ASGD** ISGD **RMSprop** 1e-02 -1e-04 -1000 100 10000 Training size t



Excess risk over training size 1e+04 -1e+02 method ADAM AI-SGD (0.892, -0.5) Excess risk AI-SGD (100, -1) 1e+00 -**AMSGrad ASGD ISGD** RMSprop 1e-02 -1e-04 -1000 100 10000 Training size t