Facebook: fourth largest eigenvalue uniform random sample row nnz sample sparsity sampler 0.001 sparsity sampler\_0.01 sparsity sampler\_0.1 sparsity sampler\_1 sparsity sampler\_100 -4.5-4.0 -3.5-3.0 -2.5-2.0 Log sampling rate

Log of average scaled absolute error served error e