Correlation between ELBO and log-likelihood for same model for different subset sizes Log-likelihood ELBO ELBO ELBO ELBO ELBO ELBO 1.0 - $0.91 \ 0.91$  $0.90 \ 0.90$  $0.89 \ 0.89$ 0.75 $.72 \ 0.71$ Spearman 0.5Pearson 0.0 500 10 50 5000 10000 25000

Subset size

Correlation