Convergence of dual methods - BE dataset  $6.0 \times 10^{-6}$ Dantzig-Wolfe Method Bundle Proximal Level Method  $5.0 \times 10^{-6}$ **Bundle Level Method**  Estimated Polyak **D-Adaptation** DowG Relative function value Restarted nSubgradient Method  $4.0 \times 10^{-6}$ nSubgradient Method True Polyak Method  $3.0 \times 10^{-6}$  $2.0 \times 10^{-6}$  $1.0 \times 10^{-6}$ 0 200 400 600 800 Time (in seconds)