Experiment 1 | rngSeed = 7 | m = 6

Legend: HS-BCG, DP-BCG, DR-BCG

$\omega_k = \left(\dfrac{\mathrm{tr}\left((\mathbf{x}-\mathbf{x}_k)^T \mathbf{A}(\mathbf{x}-\mathbf{x}_k)\right)}{\mathrm{tr}\left(\mathbf{x}^T \mathbf{A}\mathbf{x}\right)} \right)^{1/2}$

Iteration k