cosine (100 variables) - first order with LBFGSSolver  $7.5942 \times 10^{-2}$  $7.594 \times 10^{-2}$ (seconds per evaluation)  $7.5938 \times 10^{-2}$  $7.5936 \times 10^{-2}$ neval\_obj  $7.5934 \times 10^{-2}$  $7.5932 \times 10^{-2}$ 20 100 40 60 80 mem