Network: $n_A = 16 \cdot z$, $n_B = 400 \cdot z$, $|\mathcal{V}| = 10$

$\ell = \frac{1}{4}k$ $\ell = \frac{2}{4}k$ $\ell = \frac{3}{4}k$ $\ell = \frac{4}{4}k$

$k = \frac{1}{4}n_A$ $k = \frac{2}{4}n_A$ $k = \frac{3}{4}n_A$

val_{ALG}/val_{OPT}

$n_{\mathcal{A}}$
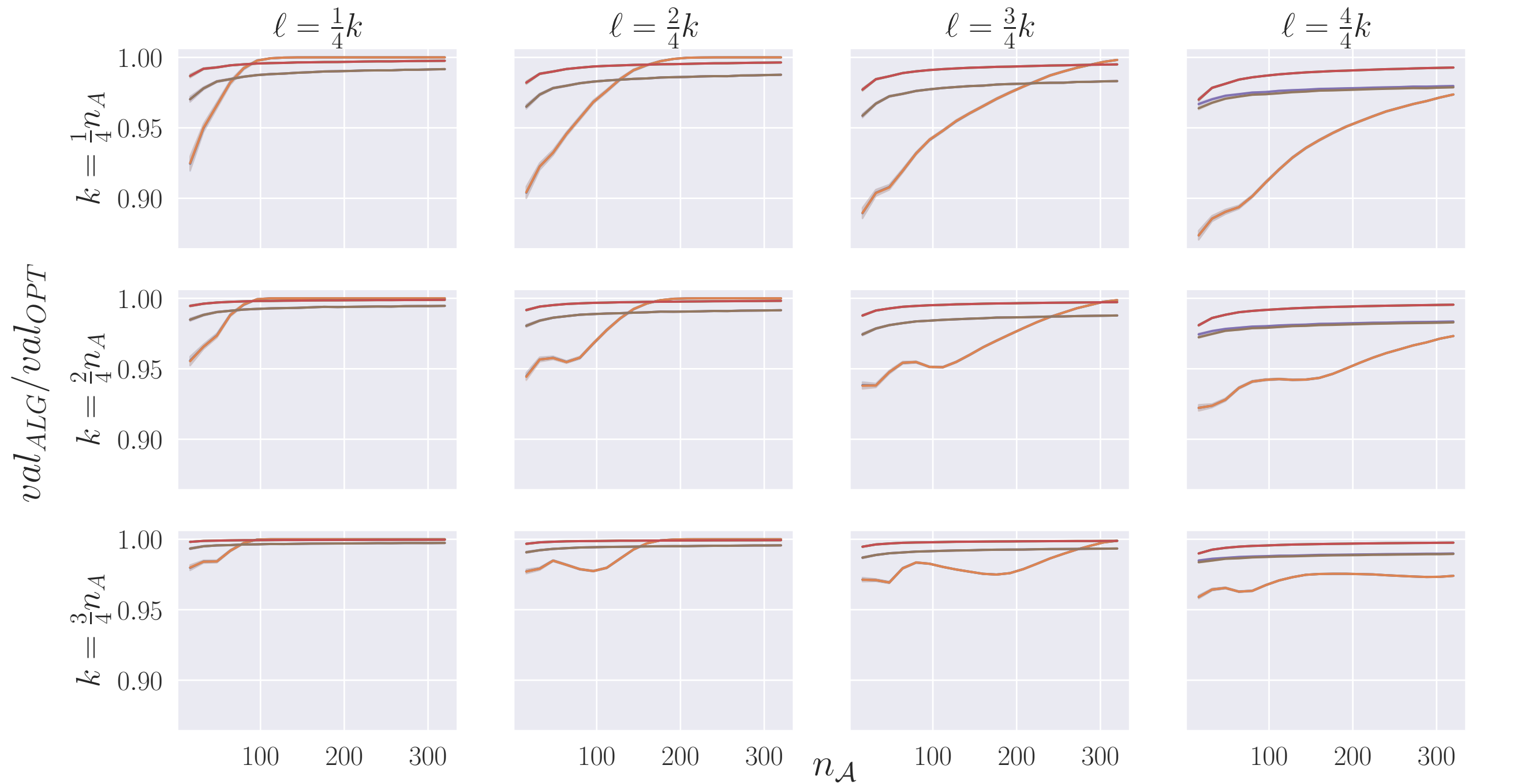
Goal & Algorithm

Max - Amp   Max - Namp   Sum - Amp   Sum - Namp   Cov - Amp   Cov - Namp