Profiles $\mathbf{u} \mapsto J(\hat{\mathbf{k}}, \mathbf{u})$ for different estimates $\hat{\mathbf{k}}$

Legend:
- $\hat{\mathbf{k}}_{\text{ratio}},\ \hat{p}_{\text{ratio}} = 0.766$
- $\hat{\mathbf{k}}_{\text{MPE,KDE}}$
- $\hat{\mathbf{k}}_{\mathbb{E}}$
- $\hat{\mathbf{k}}_{\mathbb{V}}$
- $\hat{\mathbf{k}}_p,\ p = 1$
- $J^*(\mathbf{u})$
- $\alpha_1 J^*(\mathbf{u})$