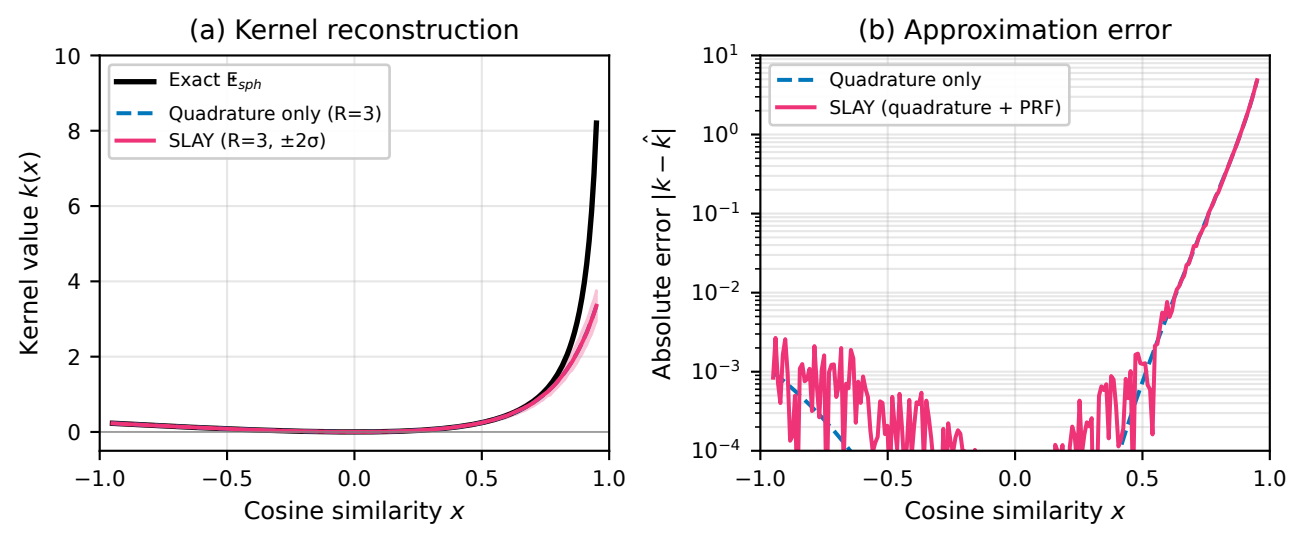
(a) Kernel reconstruction
Exact $\mathbb{E}_{sph}$
Quadrature only (R=3)
SLAY (R=3, ±2σ)
Kernel value $k(x)$
Cosine similarity x
(b) Approximation error
Quadrature only
SLAY (quadrature + PRF)
Absolute error $|k - \hat{k}|$
Cosine similarity x