$\hat{H}(t) = \sum \frac{s_i}{r_i}$ $\quad V(\hat{H}(t)) = \sum \frac{s_i}{r_i^2}$

$\left(\frac{\hat{H}(t)}{\sqrt{V}}, VH(t)\right)$ $\quad U = \exp\left[\frac{2\alpha_2 \cdot \sqrt{V(H(t))}}{H(t)}\right]$

$\frac{5}{30} + \frac{9}{27} + \frac{6}{32} = \frac{11}{16}$ $\quad \frac{5}{30^2} + \frac{9}{27^2} + \frac{6}{32^2} = .0238$

$\hat{H}(3) = \frac{11}{16}$ $\quad V(\hat{H}(3)) = .0238$

$U = \exp\left[\frac{1.96\sqrt{.0238}}{(11/16)}\right] = e^{.4398}$

$\left(\frac{11}{16e^{.4398}}, \frac{11e^{.4398}}{16}\right)$

D

CI = (.4429, 1.0673)