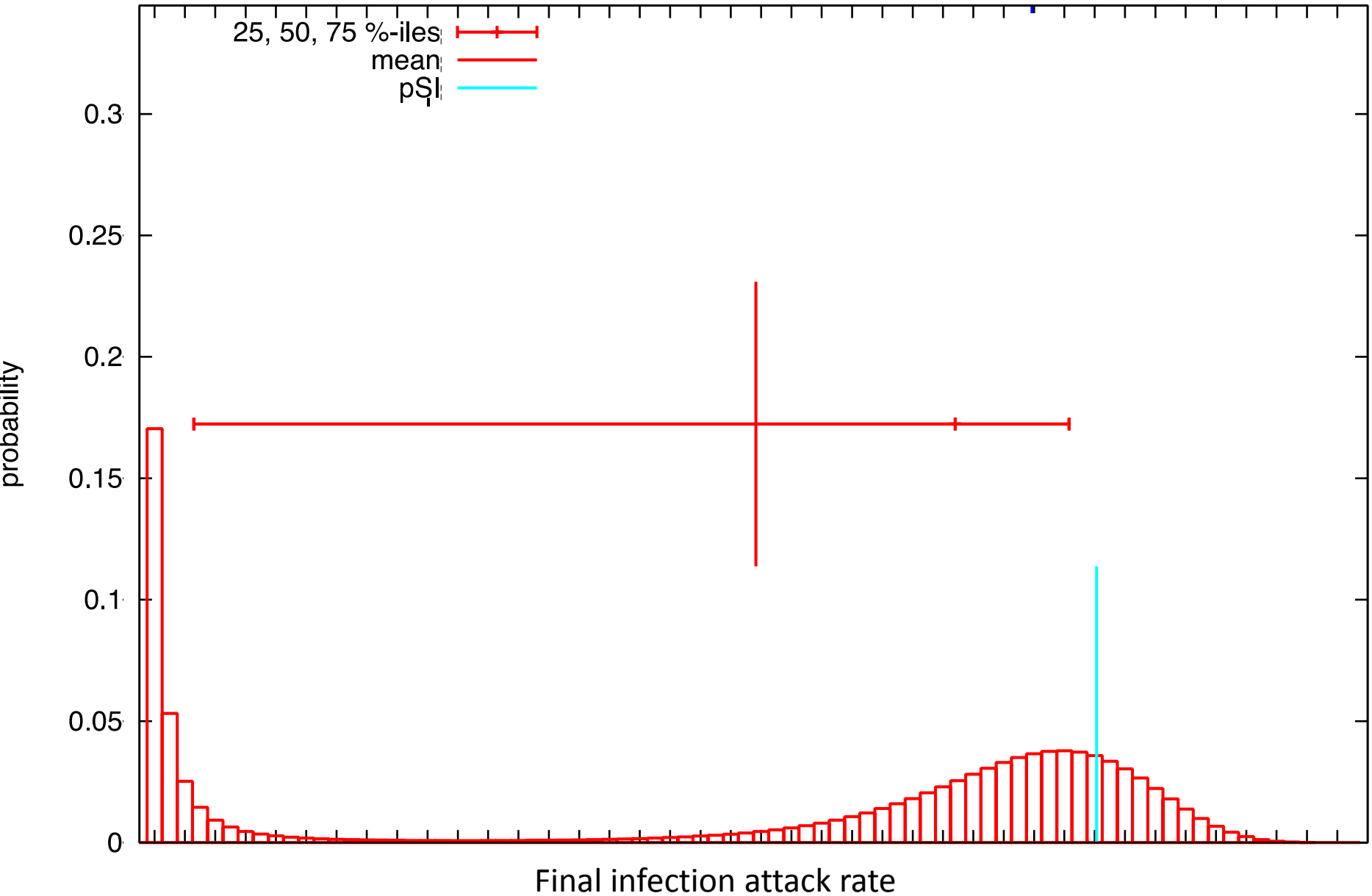
My significant sources of bias

- NIH funded, not directly affected by the result
- Advocate the relevance of math modeling
- Prior statements on NEIDL Risk Assessment
- Concerned about opportunities and mechanisms for public engagement in science policy-making
- Parallels with nuclear weapons and physics

Beware implicit assumptions about unimodality, independence, and linearity

In general:

- mean is a poor representation of a bimodal distribution
- (mean value of product) ≠ (product of mean values)
- small changes in assumptions may produce large changes in outcomes

E.g. risk = consequence *probability of occurrence

Distribution of final attack rates is strongly nonlinear