Example (a)-(c): Bias Variance Trade-Off
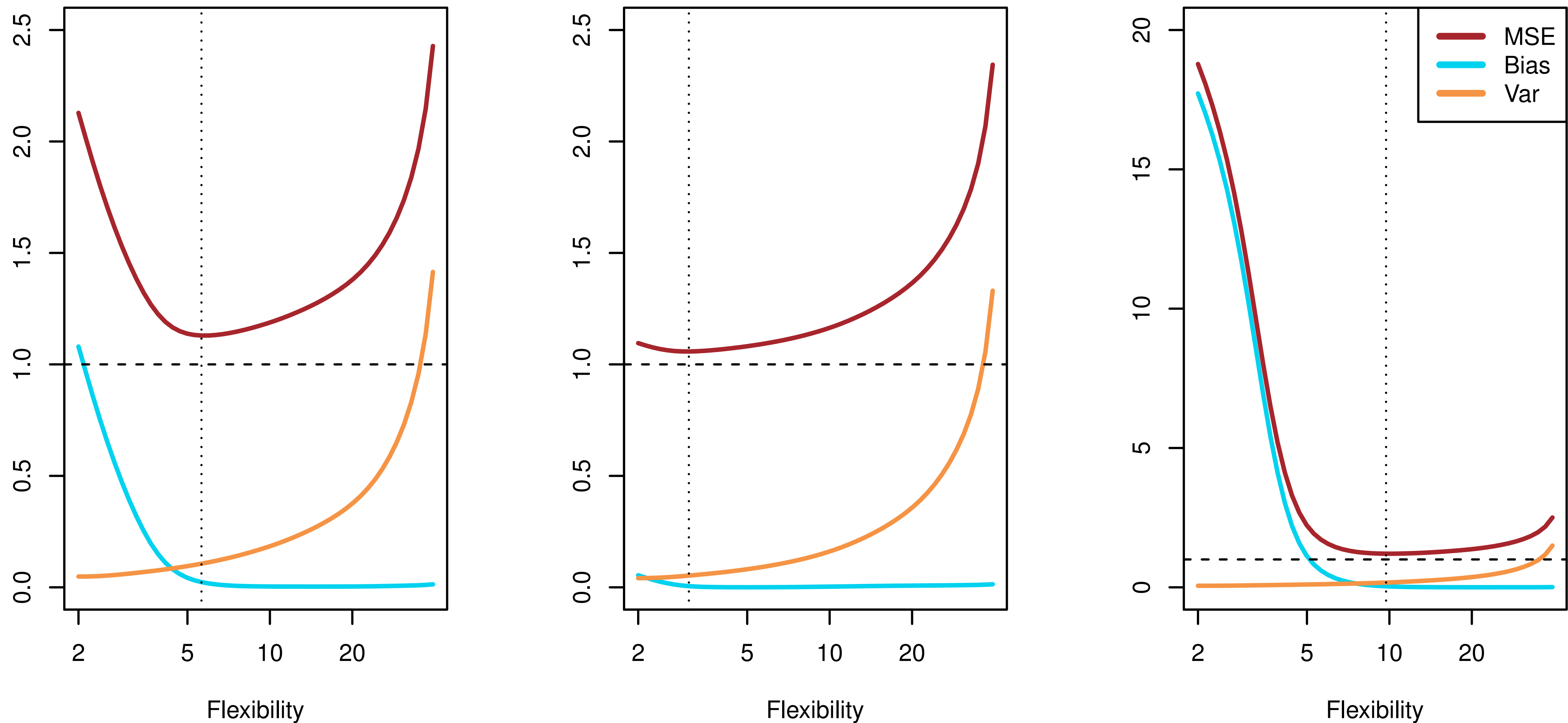
A Simulation Example

note: the true probability model and thus also $\mu(x)$ are often not known!