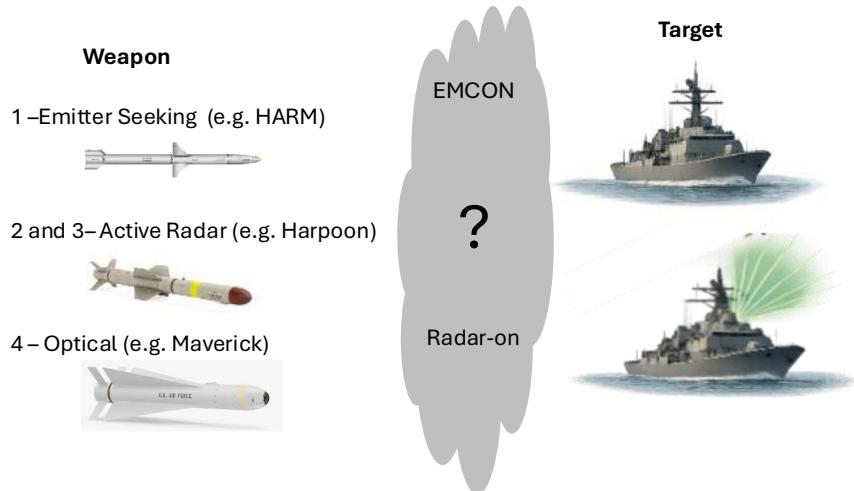


# Maximize the Chance of Winning or Expected Damage?

## You Decide

© Copyright 2026, Dr. Sam Savage, Connor McLemore



Stochastic Data can illuminate targeting scenarios in which maximizing the expected damage to the adversary does not maximize the chances of winning the engagement.

Static data only provides Expected Value or Averages Degradation to the target.

If you must assign two weapons to a single target, which two do you chose to minimize the expected remaining capability of the adversary? Experiment to find out.



In Stochastic mode you may ask what combinations of weapons maximizes the chance of reducing the adversary's capability below a threshold. Set the Threshold to 30% reduction in capability and again explore assigning two weapons to the target.

Visit <https://www.probabilitymanagement.org/readiness> to learn more or contact Sam@ProbabilityManagement.org.