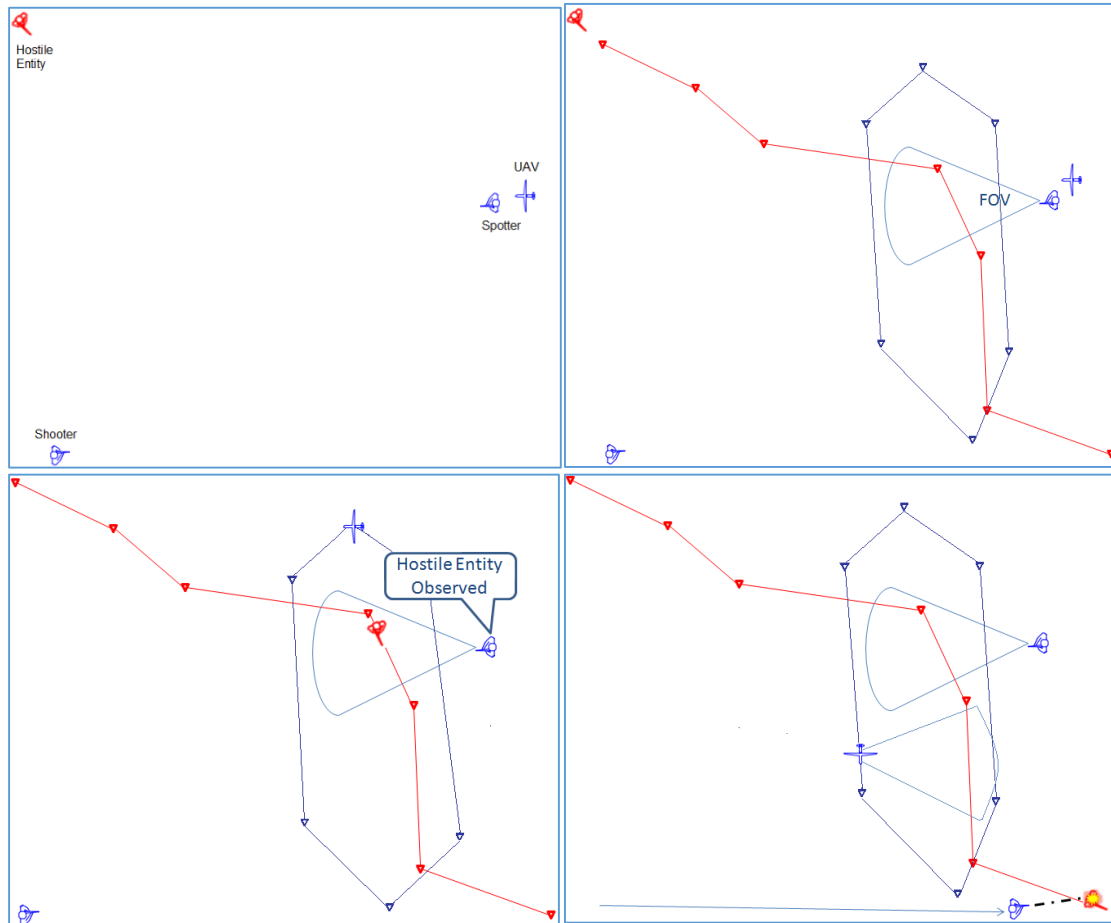


## Scenario Description:

This scenario involves a spotter, who is responsible for observing a Route. When a hostile entity is detected, the spotter is responsible for sending notification that a threat has been detected. When notification of the threat is received a UAV is dispatched to search in the area where the threat entity was seen, and the shooter is dispatched for the purpose of engaging the hostile entity.



## Designed Experiment:

The accompanying .csv outlines changes to the performance database corresponding to runs in the CXXI output folder. There were 65 runs (1 replication at each design point).

## Potential Study Questions for Machine Learning with R Class:

1. Create a metamodel describing expected scenario outputs based on the configurations in the design .csv.
2. Determine the most significant factors affecting friendly to enemy kill ratios.