

1106-VC-2033 **Miriam Harris-Botzum*** (mharrisbotzum@lccc.edu), 4525 Education Park Drive,
Schnecksville, PA 18069. *The Mathematics of Conflict: Using Statistical Tools to Analyze Military
Outcomes and Political Claims.*

In the modern world, wars are sometimes fought as much in the headlines as they are on the front lines. With both sides making conflicting claims about the conduct of the war, can we use statistical hypothesis testing to analyze those claims objectively? This project is designed to be used in an introductory statistics course, but could also be used in a history or political science course, or as a joint project between the two. Students are asked to identify sources of relevant data, evaluate the reliability of that data, and then perform a hypothesis test using that data to test the validity of the claims made by various parties. (Received September 15, 2014)