

1096-H1-1247 **Gregory E Coxson*** (coxson@radar.nrl.navy.mil), Code 5344, Building 60, NRL, 4555
Overlook Avenue, SW, Washington, DC 20375, and **Grant Izmirlian**. *Application of Cluster
Analysis to the MAA Member Database*. Preliminary report.

MAA section meetings are relatively inexpensive, informative, often convenient, and a great way to get to know institutions of higher education in your area. However, section geography can pose challenges. We considered the question of whether a new set of section boundaries might yield a smaller average member distance to section meeting venues, offering the possibility of greater participation at section meetings. Among the approaches considered, K-Means Cluster Analysis proved a fruitful approach yielding enlightening results. This talk will describe the approach, the results achieved, and suggestions for adjustments to the current set of 29 sections. (Received September 13, 2013)