

A Data Envelopment Analysis Approach to Rank U.S. University Administrations

Richard J. Muszynski III

¹Wilkes University, Wilkes-Barre, Pennsylvania, richard.muszynskiiii@wilkes.edu

Campus closures and mergers are becoming a more frequent event since the beginning of 2012. These events have caused university administrations to create strategic plans on how to proceed with recruiting prospective students. Although a major dilemma for the workers at academic institutions, prospective students also desire to know how each university and college may perform. We solve a data development analysis problem that ranks University Administrations and provides a reflection of good management that identifies top administrators within higher education. Other university administrations could use this ranking to help determine what the top administrations of this study are doing differently that may allow them to be more successful. This analysis uses several metrics that help determine which university administrations are performing well versus ones that show major concerns, and we provide comparisons between different categorizations of universities such as the type of academic institution, the size of the institution, and the state with which each university resides.

Keywords: Data Envelopment Analysis, University Administration, Ranking