

**“Disease and Disadvantage in the US and in England”:
A Study Replication**

**Presented by Emily Mire
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According to the Human Development Report published by the UN Development Program in 2005, the United States has spent more than double the amount of money on medical care than has the United Kingdom. The authors of the article “Disease and Disadvantage in the United States and in England”, published by the Journal of the American Medical Association in May 2006, argue that despite this higher expenditure, the middle aged population in the US is less healthy than that of the United Kingdom. Data for the original analysis was obtained mainly from two large data sets (the English Longitudinal Study of Aging and the Health & Retirement Survey) containing comparable measures useful to the study. The purpose of this presentation is to discuss any and all attempts that I have made to precisely duplicate the study done by the authors of the original contribution. I will present the statistical methods mentioned in the article that were used to reach the conclusions about disease and disadvantage in the two countries in question, as well as the variables used to measure subjects’ socioeconomic status, health and exposure to risk factors, There will be discussion of the many setbacks encountered when attempting to obtain the necessary data sets and match the sample sizes to those used in the paper.