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Welcome Statement

Being a rapidly developing and widely applied field, statistics is obviously important in this society. As statistic graduate students, academic writing is an ability that everyone needs, especially for international students. However, it is difficult for international students to get access to comprehensive writing samples and guides. Therefore, in order to enhance graduate students’ academic writing skills in statistic field, this guidebook displays four sections to improve this aspect.

The structure of this guideline is as follows. Section I describes an interview with a scholar of Statistical Science at George Mason University, who shared his writing experiences and skills about how to deal with the writing problems and how to make research papers more professional. Section II analyzes a professional journal, Statistical Science, to reveal a deep, broad insight of the statistics field by presenting the full range of contemporary statistical ideas at an analytically technical level. An academic article in statistic field, “Statistical Applications of the Poisson-Binomial and Conditional Bernoulli Distributions”, is discussed in Section III. This section analyzes the structure of this article and the citation style uses. Students can learn how to organize a professional article from this analysis. Section IV, based on the same article, analyzes the language used in it. It describes how the authors use complex noun phrases, phrasal verbs, tense and academic style features to represent this article, which teach students how to make the academic paper more formal.

The handbook investigates academic writing from various aspects. I hope this guideline can be a valuable source to help the upcoming statistic students write professional articles.