Review Master Thesis

titled

**Prediction of Soccer Penalty Kicks using a Discrete Choice Model**

written by

**Fritz Golz (212622)**

Date of presentation: October 13th 2021

Grade of oral presentation 1.3

Grade of thesis 1.3



Univ.-Prof. Dr. Sven Müller Tuesday, October 19, 2021

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| **Topic definition, theoretical part: knowledge of the topic, literature review (35%)** | **1.3** |
| * The motivation and reasoning for the analysis is very good * The author proofs a broad knowledge about sports data analytics * The choice and discussion of literature is good |  |
| **Practical part: methods, conclusions (35%)** | **1.7** |
| * The author has done a tremendous effort to collect the data for his analysis by himself * It is somewhat ad hoc to have only six areas of the goal instead of nine * Unfortunately, the modeling lacks some sophistication (selection of specification, interaction effects, correlation etc.). However, due to the tremendous effort to generate the data set, the time for sophisticated analyses was short. |  |
| **Presentation, communication of ideas and language (30%)** | **1.3** |
| * The author is very conscientious in reasoning his assumptions and the description how he generated the data set * The thesis has some few typos * The manuscript is very professional |  |
| **Overall Evaluation** | **1.3** |