Final Year Project 2024/2025

Topic: Goodness-of-fit hypothesis testing

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Description: Goodness-of-fit testing is one of the fundamental problems in statistical methods and inference. If the parameters are unknown, the null distribution of well known, popular test statistics such as the Kolmogorov-Smirnov and Cramér-von Mises test statistics actually depend on some unknowns. In this project we will study applications of different methods that can cope with this issue including distribution-free and bootstrap approaches.