

AN ANALYSIS OF THE STYRIAN PARLIAMENTARY ELECTIONS IN 2015 AND 2019 USING DIFFERENT (THEORETICAL) APPROACHES

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In this study, we examine the application of various well-known voting rules to data from the parliamentary elections in Styria, Austria, during the years 2015 and 2019. We explore hypothetical social outcomes derived from different preference elicitation methods, focusing on the consistency of these methods as well as the voters' evaluations of political parties along a left-right ideological scale. Additionally, employing Don Saari's geometric approach, we analyze voting results using triplets of candidates to assess the proximity of preference profiles to problematic outcomes, such as Condorcet cycles, and the potential differences in outcomes using various voting rules. This analysis provides insights into the effectiveness and implications of different voting rules in capturing voter preferences and the potential for systemic voting anomalies.