

A few references for the 2021 Bundestag election

https://en.wikipedia.org/wiki/2021_German_federal_election

<https://www.bundeswahlleiter.de/en/service/glossar/u/ueberhangmandate.html>

https://www.bundeswahlleiter.de/en/info/presse/mitteilungen/bundestagswahl-2021/16_21_parteien-nationaler-minderheiten.html

<http://electionresources.org/de/data/>

Consider the profile

29	$A > B > C$	15	$C > B > A$
2	$A > C > B$	26	$B > C > A$
13	$C > A > B$	1	$B > A > C$

1. Calculate the rankings using plurality, plurality with runoff, the Borda Count, and pairwise elections.
2. Modify the profile by moving voters from one region to another so that the plurality, runoff, and Borda Count rankings stay the same, but now B is the Condorcet winner.