

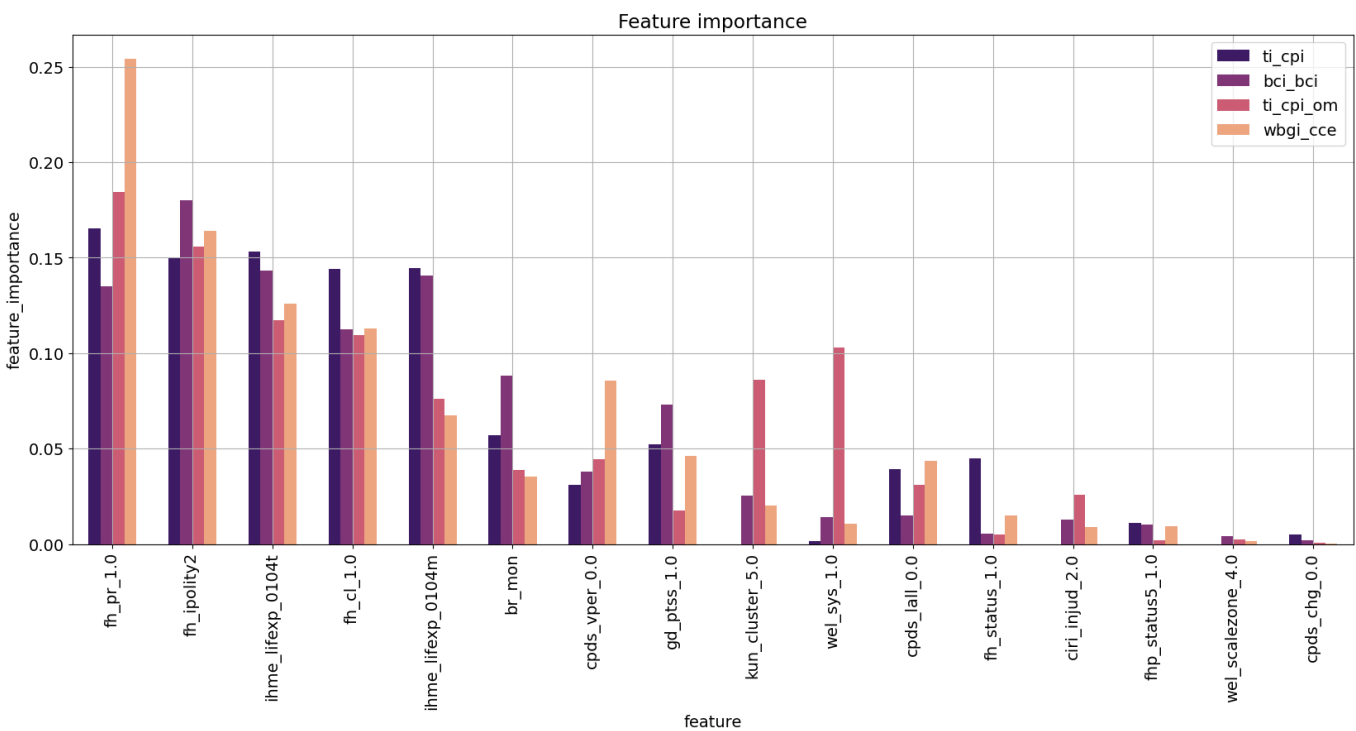
# Corruption

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To answer the following question on the topic of corruption a model trained on the [QoG \(Quality of Governance\) Standard Time-Series Dataset](#) was created and analyzed:

- Which country's characteristics are good predictors of a country's position on a corruption index?
- Are there countries whose characteristics don't correspond to their position on a corruption index?
- If yes, does this hold across all corruption indexes, or do the lists of such countries vary from index to index?

### Characteristics



In the plot above the most important country characteristics for corruption prediction are shown in decreasing order of importance. The most important features can be categorized in the following way:

- **political freedom:** "fh\_pr\_1.0", "fh\_ipolity2", "br\_mon", "cpds\_vper\_0.0", "wel\_sys\_1.0", "fh\_status\_1.0",
- **Life expectancy:** "ihme\_lifexp\_0104t", ihme\_lifexp\_0104m
- **civil liberties:** "gd\_ptss\_1.0", "fh\_cl\_1.0 "