

African countries' performance at the IMO

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Github: <https://github.com/Djimdou/Side-Projects/blob/master/IMO-Web-Scraping.ipynb>

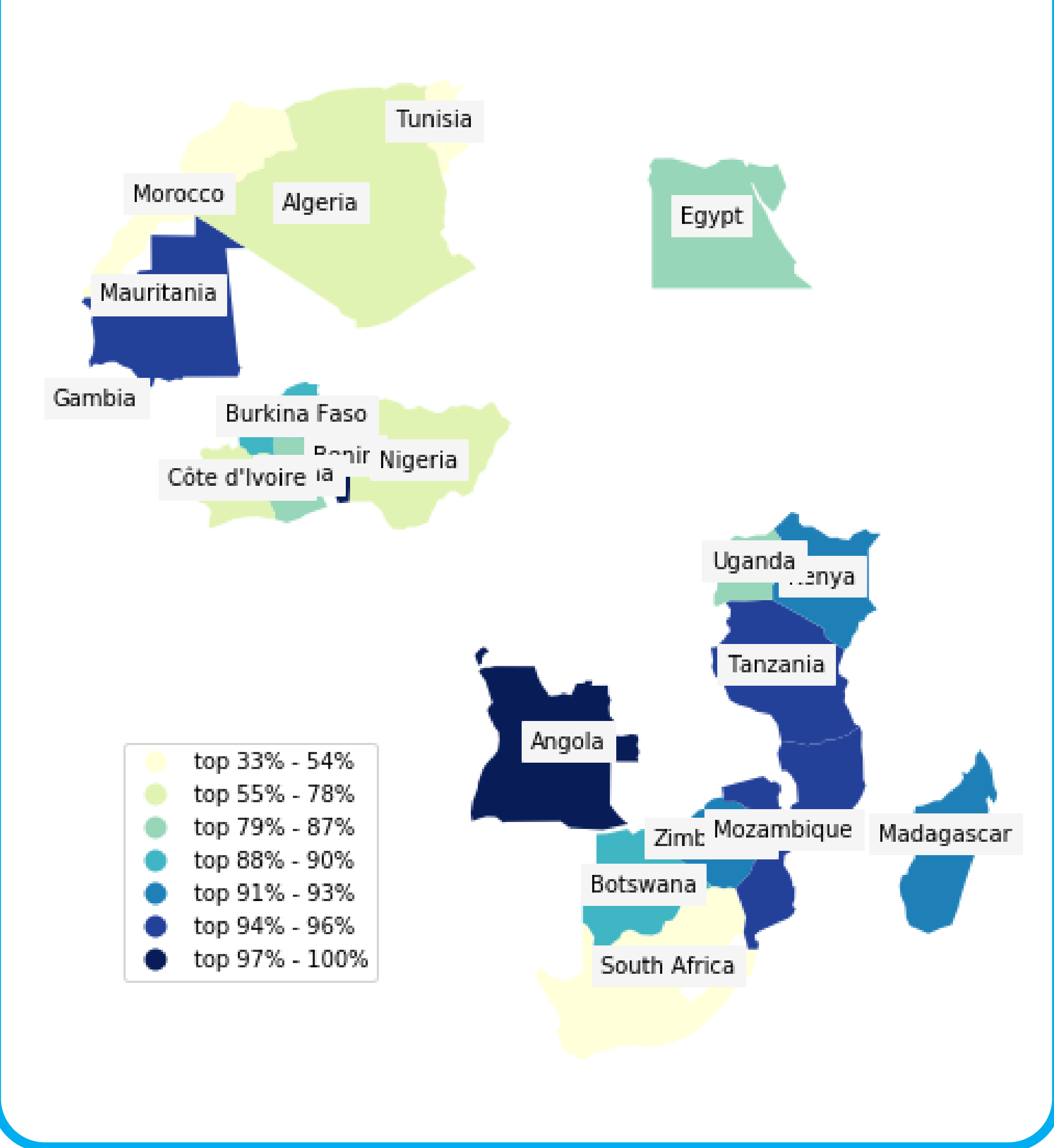
Introduction

- The International Mathematical Olympiad (IMO) is an annual competition that draws together secondary school students under 20 from different countries.
- It started in 1959, in Roumania
- Each country participates by sending up to 6 students
- Participants are evaluated on an individual basis, but country team rankings are also available.
- This work evaluates the performance of African teams at the competition, using country rankings.

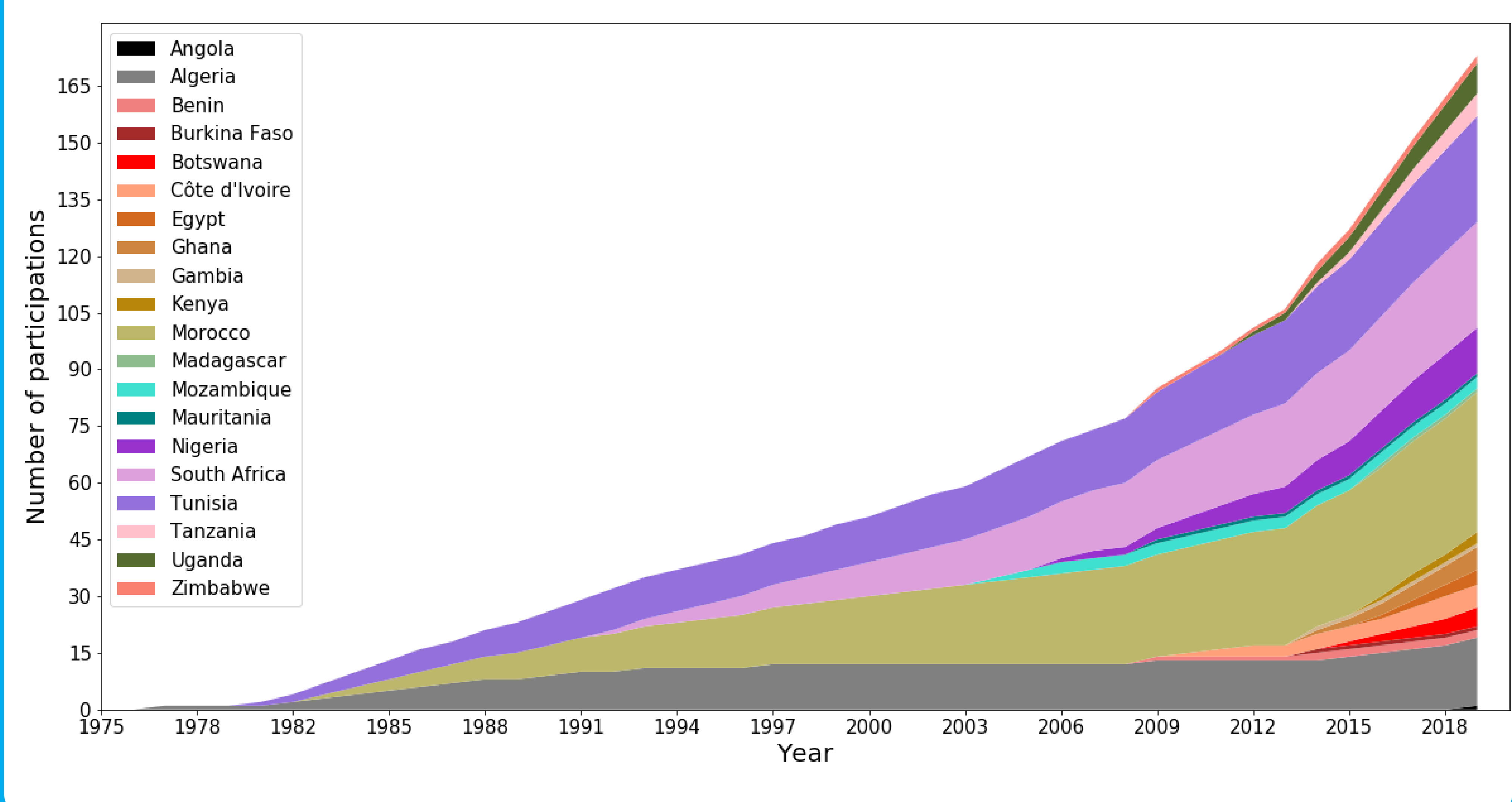
Statistical highlights

- By 2019, **20 African countries** had participated in the 60 IMO editions.
- **Morocco** had the best performance for an African country, ranking in the top 33% (18th out of 73 countries) in 1995.
- African countries ranked as lowest participant 12 times.

Best performance



Number of participations



Description

- Although Morocco had the best performance in one particular year, South Africa has the overall best ranking for an African country.
- Best performing countries (South Africa, Morocco, Tunisia, Algeria) participated the most.
- No African country shows a real improvement in its performance over the years.

Evolution of country performance

