

Analysis of UN Actors in the PA-X Agreement-Actor Signatories Dataset

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1 Introduction

1.1 Data sources

The analysis is based on the following signatory data files supplied by Niamh Henry on 03/11/2023:

- `links_table.csv`
- `node_table.csv`

1.2 Search criteria

The search criteria for UN actors are as follows:

- The actor `node_id` value must start with 'IGO_' or 'COA_'.
- The actor `node_name` value must contain 'United Nations' or ' UN', or start with 'UN'.

1.3 Data integrity

There are unresolved data integrity issues. For example, the analysis described here finds that United Nations (General) (IGO_49) is a signatory to 272 agreements. However, a search in `links_table.csv` for finds 313 rows containing IGO_49 in the `to_node_id` field.

The anomaly is caused by duplicate row in `inks_table.csv`. For example, rows with `signatory_id` values 1290 and 1292 are identical in all other fields.

The analysis software does not support duplicate agreement-actor pairs.

2 Preliminaries

2.1 List of UN Actors

| Name | Identifier |
|--|------------|
| Group of Friends UNSG | COA_51 |
| Office of the United Nations High Commissioner for Human Rights | IGO_640 |
| UN General Assembly | IGO_315 |
| UN Office on Drugs and Crimes | IGO_672 |
| UN Secretary General | IGO_386 |
| UN Security Council | IGO_8 |
| UNAMID | IGO_950 |
| UNAMSIL | IGO_652 |
| UNCRO | IGO_795 |
| UNISFA | IGO_616 |
| UNMIBH | IGO_405 |
| UNMIS | IGO_854 |
| UNMISS | IGO_831 |
| UNMOT | IGO_454 |
| UNOMB | IGO_274 |
| UNOMIG | IGO_480 |
| UNPOS | IGO_536 |
| UNPROFOR | IGO_355 |
| UNSMIL | IGO_750 |
| United Nations (General) | IGO_49 |
| United Nations Children’s Fund | IGO_459 |
| United Nations Development Programme | IGO_64 |
| United Nations Educational, Scientific and Cultural Organization | IGO_678 |
| United Nations Human Rights Council | IGO_440 |
| United Nations Population Fund | IGO_674 |
| United Nations Secretariat | IGO_391 |

Table 1: Names and identifiers of 26 UN actors obtained from the PA-X agreement-actor signatories dataset.

2.2 Numerical data

| Variable | Value |
|---|-------|
| Number of agreements in dataset | 1642 |
| Number of actors in dataset | 1092 |
| Number of UN actors in dataset (see Table 1 above) | 26 |
| Number of agreements to which one or more UN actors are signatories | 371 |
| Number of non-UN actors that are co-signatories with UN actors | 510 |

Table 2: Basic numerical data.

| Variable | Value (%) |
|--|-----------|
| UN actors as a percentage of all actors | 2.4 |
| Agreements signed by UN actors as a percentage of all agreements | 22.6 |
| Non-UN co-signatories as a percentage of all actors | 46.7 |

Table 3: Statistical data.

2.3 Number of agreements signed by UN actors

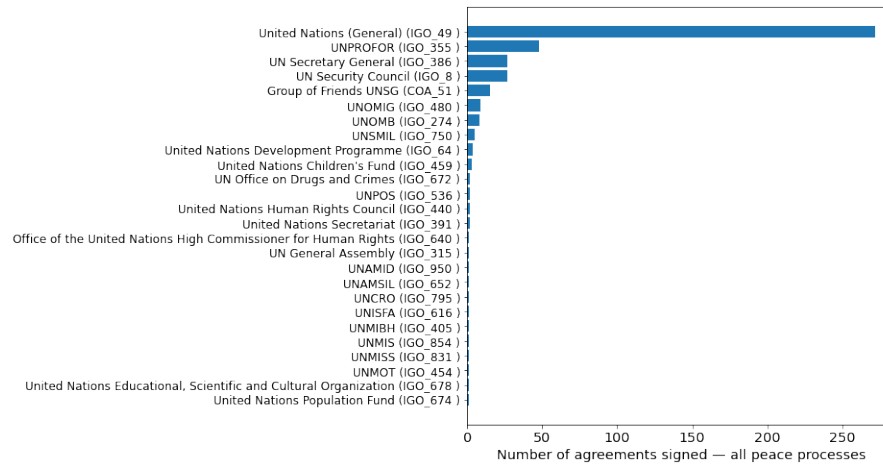


Figure 1: Number of agreements signed by the 26 UN actors in the analysis. See Table 3 below for exact values.

| UN actor name | UN actor ID | Agts |
|--|-------------|------|
| United Nations (General) | IGO_49 | 272 |
| UNPROFOR | IGO_355 | 48 |
| UN Secretary General | IGO_386 | 27 |
| UN Security Council | IGO_8 | 27 |
| Group of Friends UNSG | COA_51 | 15 |
| UNOMIG | IGO_480 | 9 |
| UNOMB | IGO_274 | 8 |
| UNSMIL | IGO_750 | 5 |
| United Nations Development Programme | IGO_64 | 4 |
| United Nations Children's Fund | IGO_459 | 3 |
| UN Office on Drugs and Crimes | IGO_672 | 2 |
| UNPOS | IGO_536 | 2 |
| United Nations Human Rights Council | IGO_440 | 2 |
| United Nations Secretariat | IGO_391 | 2 |
| Office of the United Nations High Commissioner for Human Rights | IGO_640 | 1 |
| UN General Assembly | IGO_315 | 1 |
| UNAMID | IGO_950 | 1 |
| UNAMSIL | IGO_652 | 1 |
| UNCRO | IGO_795 | 1 |
| UNISFA | IGO_616 | 1 |
| UNMIBH | IGO_405 | 1 |
| UNMIS | IGO_854 | 1 |
| UNMISS | IGO_831 | 1 |
| UNMOT | IGO_454 | 1 |
| United Nations Educational, Scientific and Cultural Organization | IGO_678 | 1 |
| United Nations Population Fund | IGO_674 | 1 |

Table 4: Number of agreements signed by UN actors in descending order. See Figure 1 above.

3 UN actor co-signatory analysis

3.1 UN-UN co-signatories

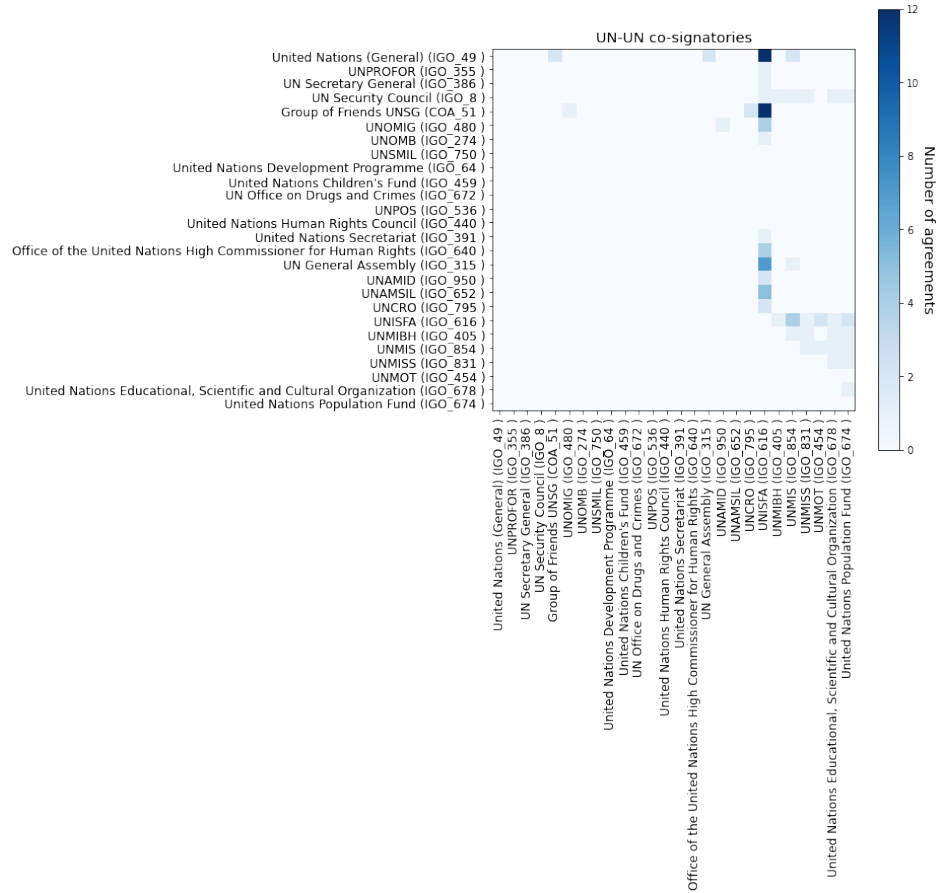
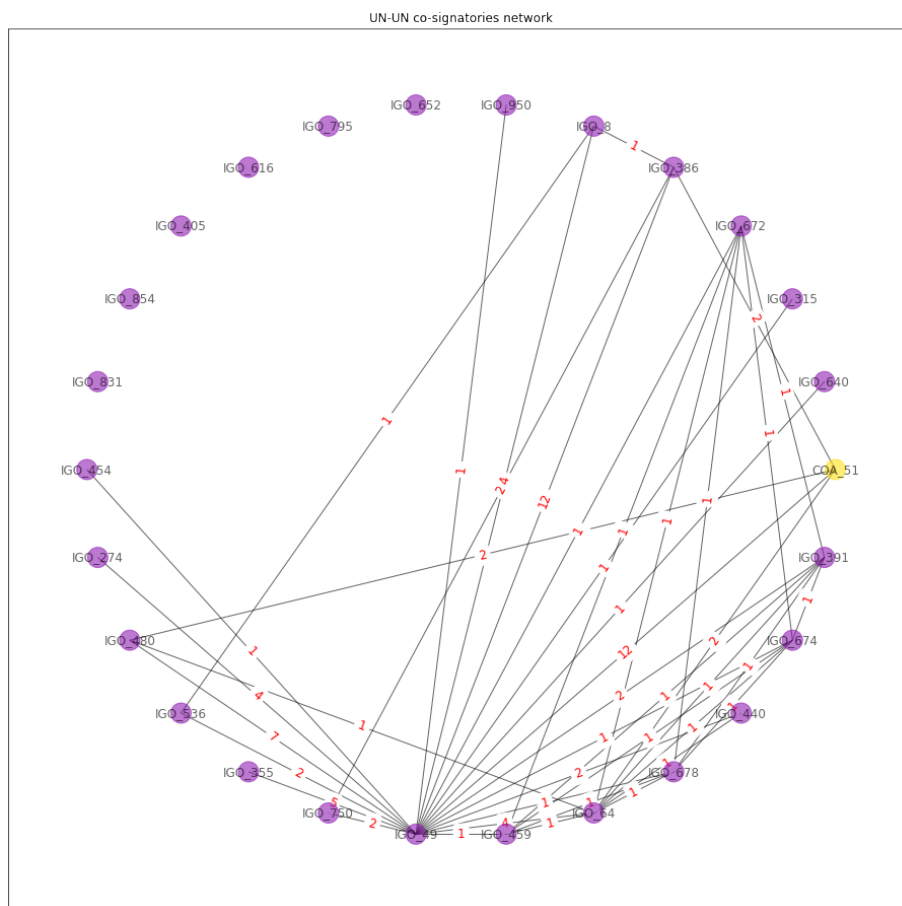


Figure 2: Heat map showing the number of agreements co-signed by pairs of UN actors. See Table 5 for further information.



| Actor 1 | Actor 2 | Agts |
|---|--|------|
| Group of Friends UNSG (COA.51) | United Nations (General) (IGO.49) | 12 |
| UN Secretary General (IGO.386) | United Nations (General) (IGO.49) | 12 |
| UNOMIG (IGO.480) | United Nations (General) (IGO.49) | 7 |
| UNPROFOR (IGO.355) | United Nations (General) (IGO.49) | 5 |
| UN Security Council (IGO.8) | United Nations (General) (IGO.49) | 4 |
| UNOMB (IGO.274) | United Nations (General) (IGO.49) | 4 |
| United Nations (General) (IGO.49) | United Nations Development Programme (IGO.64) | 4 |
| Group of Friends UNSG (COA.51) | UN Secretary General (IGO.386) | 2 |
| Group of Friends UNSG (COA.51) | UNOMIG (IGO.480) | 2 |
| Group of Friends UNSG (COA.51) | United Nations Development Programme (IGO.64) | 2 |
| UN Secretary General (IGO.386) | UNSMIL (IGO.750) | 2 |
| UNPOS (IGO.536) | United Nations (General) (IGO.49) | 2 |
| UNSMIL (IGO.750) | United Nations (General) (IGO.49) | 2 |
| United Nations (General) (IGO.49) | United Nations Human Rights Council (IGO.440) | 2 |
| United Nations (General) (IGO.49) | United Nations Secretariat (IGO.391) | 2 |
| Office of the United Nations High Commissioner for Human Rights (IGO.640) | United Nations (General) (IGO.49) | 1 |
| UN General Assembly (IGO.315) | United Nations (General) (IGO.49) | 1 |
| UN Office on Drugs and Crimes (IGO.672) | United Nations (General) (IGO.49) | 1 |
| UN Office on Drugs and Crimes (IGO.672) | United Nations Children's Fund (IGO.459) | 1 |
| UN Office on Drugs and Crimes (IGO.672) | United Nations Development Programme (IGO.64) | 1 |
| UN Office on Drugs and Crimes (IGO.672) | United Nations Educational, Scientific and Cultural Organization (IGO.678) | 1 |
| UN Office on Drugs and Crimes (IGO.672) | United Nations Population Fund (IGO.674) | 1 |
| UN Office on Drugs and Crimes (IGO.672) | United Nations Secretariat (IGO.391) | 1 |
| UN Secretary General (IGO.386) | UN Security Council (IGO.8) | 1 |
| UN Security Council (IGO.8) | UNPOS (IGO.536) | 1 |
| UNAMID (IGO.950) | United Nations (General) (IGO.49) | 1 |
| UNMOT (IGO.454) | United Nations (General) (IGO.49) | 1 |
| UNOMIG (IGO.480) | United Nations Development Programme (IGO.64) | 1 |
| United Nations (General) (IGO.49) | United Nations Children's Fund (IGO.459) | 1 |
| United Nations (General) (IGO.49) | United Nations Educational, Scientific and Cultural Organization (IGO.678) | 1 |

| Actor 1 (cont) | Actor 2 (cont) | Agts |
|--|--|-------------|
| United Nations (General) (IGO_49) | United Nations Population Fund (IGO_674) | 1 |
| United Nations Children's Fund (IGO_459) | United Nations Development Programme (IGO_64) | 1 |
| United Nations Children's Fund (IGO_459) | United Nations Educational, Scientific and Cultural Organization (IGO_678) | 1 |
| United Nations Children's Fund (IGO_459) | United Nations Population Fund (IGO_674) | 1 |
| United Nations Children's Fund (IGO_459) | United Nations Secretariat (IGO_391) | 1 |
| United Nations Development Programme (IGO_64) | United Nations Educational, Scientific and Cultural Organization (IGO_678) | 1 |
| United Nations Development Programme (IGO_64) | United Nations Human Rights Council (IGO_440) | 1 |
| United Nations Development Programme (IGO_64) | United Nations Population Fund (IGO_674) | 1 |
| United Nations Development Programme (IGO_64) | United Nations Secretariat (IGO_391) | 1 |
| United Nations Educational, Scientific and Cultural Organization (IGO_678) | United Nations Population Fund (IGO_674) | 1 |
| United Nations Educational, Scientific and Cultural Organization (IGO_678) | United Nations Secretariat (IGO_391) | 1 |
| United Nations Population Fund (IGO_674) | United Nations Secretariat (IGO_391) | 1 |

Table 5: List of UN actor co-signatories with number of agreements.

| UN Actor |
|-------------------|
| UNAMSIL (IGO_652) |
| UNCRO (IGO_795) |
| UNISFA (IGO_616) |
| UNMIBH (IGO_405) |
| UNMIS (IGO_854) |
| UNMISS (IGO_831) |

Table 6: UN actors that are not co-signatories with other UN actors.

3.2 UN and non-UN co-signatories

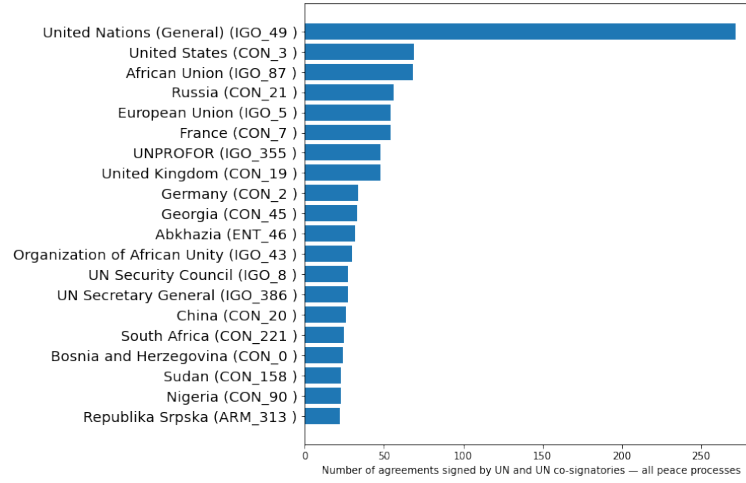


Figure 4: Number of agreements signed by the top-20 UN and non-UN co-signatories across all peace processes. In total there are 536 actors in the UN–non-UN co-signatory set.

| UN actor | Non-UN actor | Agts |
|-----------------------------------|---|------|
| United Nations (General) (IGO_49) | African Union (IGO_87) | 65 |
| United Nations (General) (IGO_49) | United States (CON_3) | 62 |
| United Nations (General) (IGO_49) | European Union (IGO_5) | 51 |
| United Nations (General) (IGO_49) | France (CON_7) | 47 |
| United Nations (General) (IGO_49) | Russia (CON_21) | 47 |
| United Nations (General) (IGO_49) | United Kingdom (CON_19) | 41 |
| United Nations (General) (IGO_49) | Organization of African Unity (IGO_43) | 30 |
| United Nations (General) (IGO_49) | Georgia (CON_45) | 28 |
| United Nations (General) (IGO_49) | Germany (CON_2) | 28 |
| United Nations (General) (IGO_49) | Abkhazia (ENT_46) | 27 |
| United Nations (General) (IGO_49) | South Africa (CON_221) | 24 |
| United Nations (General) (IGO_49) | Sudan (CON_158) | 22 |
| United Nations (General) (IGO_49) | Congo, Democratic Republic of the (CON_264) | 21 |
| United Nations (General) (IGO_49) | Organization for Security and Co-operation in Europe (IGO_50) | 21 |
| United Nations (General) (IGO_49) | Uganda (CON_176) | 20 |
| United Nations (General) (IGO_49) | China (CON_20) | 20 |
| United Nations (General) (IGO_49) | Economic Community of West African States (IGO_89) | 20 |
| United Nations (General) (IGO_49) | Nigeria (CON_90) | 20 |
| United Nations (General) (IGO_49) | Somalia (CON_358) | 19 |
| United Nations (General) (IGO_49) | League of Arab States (IGO_346) | 19 |
| United Nations (General) (IGO_49) | Canada (CON_11) | 19 |
| United Nations (General) (IGO_49) | Norway (CON_81) | 19 |
| UNPROFOR (IGO_355) | Republika Srpska (ARM_313) | 18 |
| United Nations (General) (IGO_49) | Tajikistan (CON_62) | 18 |
| United Nations (General) (IGO_49) | Kenya (CON_172) | 18 |
| United Nations (General) (IGO_49) | Italy (CON_139) | 17 |
| United Nations (General) (IGO_49) | Guatemala (CON_306) | 17 |
| UNPROFOR (IGO_355) | Bosnia and Herzegovina (CON_0) | 16 |
| United Nations (General) (IGO_49) | Guatemalan National Revolutionary Unity (ARM_307) | 15 |
| United Nations (General) (IGO_49) | Organisation of Islamic Cooperation (IGO_226) | 15 |

Table 7: Top-30 UN–non-UN co-signatory pairings with number of agreements in common. The total number of UN–non-UN actor pairings is 1287.

| UN actor | Non-UN actor | Agts |
|---|---|------|
| United Nations Secretariat (IGO.391) | World Food Program (IGO.673) | 1 |
| United Nations Secretariat (IGO.391) | UN Office on Drugs and Crimes (IGO.672) | 1 |
| Office of the United Nations High Commissioner for Human Rights (IGO.640) | North Macedonia (CON.610) | 1 |
| Office of the United Nations High Commissioner for Human Rights (IGO.640) | Luxembourg (CON.611) | 1 |
| UN Office on Drugs and Crimes (IGO.672) | Luxembourg (CON.611) | 1 |
| Office of the United Nations High Commissioner for Human Rights (IGO.640) | Finland (CON.171) | 1 |
| Office of the United Nations High Commissioner for Human Rights (IGO.640) | Bulgaria (CON.589) | 1 |
| Office of the United Nations High Commissioner for Human Rights (IGO.640) | Slovenia (CON.14) | 1 |
| Office of the United Nations High Commissioner for Human Rights (IGO.640) | Sweden (CON.593) | 1 |
| Office of the United Nations High Commissioner for Human Rights (IGO.640) | Organization for Security and Co-operation in Europe (IGO.50) | 1 |
| Office of the United Nations High Commissioner for Human Rights (IGO.640) | High Commission for Refugees (IGO.65) | 1 |
| UN Office on Drugs and Crimes (IGO.672) | Finland (CON.171) | 1 |
| UNSMIL (IGO.750) | Congo (CON.42) | 1 |
| UN Office on Drugs and Crimes (IGO.672) | Iran (Islamic Republic of) (CON.289) | 1 |
| UN Office on Drugs and Crimes (IGO.672) | World Food Program (IGO.673) | 1 |

Table 8: Bottom-15 UN–non-UN co-signatory pairings with number of agreements in common. The total number of UN–non-UN actor pairings is 1287.

4 Case Study: United Nations (General)

The analysis described below can be applied to any actor.