CODEBOOK

Dataset Title: *Military–Humanitarian Relations during the Nigerian Civil War (1967–1970): Archival Content Analysis of SCPC-DG-168*
Dataset: Coding_structured_context_analysis.xlsx
Version: 1.0 (September 2025)
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1) Dataset Overview

Purpose. This dataset documents belligerent–humanitarian interactions during the Nigerian Civil War, focusing on antagonism, cooperation, need, and capacity. It is designed to test the "strategic antagonism" theory and related hypotheses on when militaries antagonize humanitarians.

Temporal coverage. 1967–1970 (civil war interval: 6 July 1967–15 January 1970).

Spatial coverage. Nigeria and secessionist Biafra.

Primary archival source. Peace Collection, Swarthmore College, *Clearing House for Nigeria/Biafra Information Records* (SCPC-DG-168), Box 4 **(**predominantly ICRC and Joint Church Aid records).

Unit of analysis. One row = one automatically extracted keyword context (a belligerent term occurrence) from the OCR-processed archival records. Behavioral coding was applied for every belligerent mentioned in the corresponding paragraph(s)**.** The "keyword"/"Side" fields help locate the paragraph but do not restrict which belligerent(s) receive behavior scores in that row.

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2) Data Collection & Processing Pipeline

1. **Fieldwork & Selection.** Archival research at SCPC; Box 4 prioritized (contains the majority of international humanitarian organization records for the war). Records mainly from **ICRC** and **Joint Church Aid** were included.

2. **Digitization & OCR.**
   - Scanned records compiled into a single, readable PDF using **NAPS2** (batch OCR).
   - Working master: ~446 pages (file name used in notes: *International INGOs.pdf*).

3. **Text Conversion & Cleaning.**
   - PDF → TXT via PDF24 tools.

- Python cleaning (regex): removed page numbers ("Page 1"), fixed hyphenated breaks (inter-\nnational → international), replaced newlines with spaces, normalized quotes/dashes, collapsed whitespace.

4. **Automated Context Extraction.**
   - Detected keywords: *Nigeria*, *Nigerian*, *Federal*, *Biafra*, *Biafran*, *Secessionist*, *Enclave*.
   - For each occurrence, extracted a **±15-word window** (left context, keyword, right context).
   - Output: structured_context_analysis.csv (Left Context | Keyword | Right Context | …).

5. **Manual Coding (single coder, multiple passes).**
   - For each extracted row, coder opened the original PDF to read the full paragraph(s) containing the keyword.
   - Coded all belligerents mentioned in that paragraph for: antagonism components, cooperation, need, capacity, foreign support, and year.
   - **Coding philosophy:** paragraph-bounded; rely only on information in the paragraph(s) unless the text explicitly connects to external context. If both sides act, both are coded; where antagonism co-occurs with cooperation, both are coded. Each coded observation was based on a full paragraph reading around the keyword context to ensure accurate interpretation of belligerent behavior, aligning with qualitative process tracing principles.
   - **"Highest antagonism" rule:** if a side exhibits multiple antagonism types in the same paragraph, the composite antagonism equals the **highest** category present.

6. **Internal Reliability.**
   - **Single coder**; multiple QC passes for consistency.
   - Traceability: **DocID** fields tie rows back to archival items.

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3) Missing Data & Special Codes

- **IRR** — Irrelevant context: no tractable belligerent–humanitarian content.
- **NA** — Uncertain actor/action: ambiguity prevents credible assignment.

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4) Variables Overview

Key Constructs:

- *Need*: A belligerent's reliance on humanitarian aid for civilian or military survival.
- *Capacity*: A belligerent's ability to independently provide services (food, logistics, health) that humanitarians would otherwise supply.
- *Antagonism*: Any obstructive action toward humanitarian personnel or operations, ranging from verbal criticism to lethal attack.
- *Cooperation*: Any active or passive facilitation of humanitarian operations.

1. Identifiers & Contextual Metadata

a. **Variable**: *DocID*
Label: Document Identifier
Type: String/Integer
Values: Unique alphanumeric ID
Definition/Operationalization: Sequential identifier for each archival document context.

b. **Variable**: *Left_Context*
Label: Left Context
Type: String
Values: Text window of 15 words before keyword
Definition/Operationalization: Captured automatically to provide context for coding.

c. **Variable**: *Belligerent*
Label: Belligerent Reference
Type: String
Values: Nigeria / Biafra mention
Definition/Operationalization: The side referenced in the extracted context window.

d. **Variable**: *Right_Context*
Label: Right Context
Type: String
Values: Text window of 15 words after keyword
Definition/Operationalization: Captured automatically to provide context for coding.

e. **Variable**: *Side*
Label: Side
Type: Categorical
Values: 1 = Nigeria, 2 = Biafra
Definition/Operationalization: Coded manually based on document reference to either belligerent.

f. **Variable**: *Reporting_Organization*
Label: Reporting Organization
Type: String
Values: Name of source body (ICRC, JCA, US State Dept, etc.)
Definition/Operationalization: Recorded from archival source metadata.

g. **Variable**: *Remarks*
Label: Remarks

Type: String
Values: Free-text notes
Definition/Operationalization: Coder notes on ambiguity, unusual cases, or coding decisions.

2. Temporal Variables

a. **Variable**: *Year*
Label: Year of Document Creation
Type: Integer
Values: Year (1967–1970)
Definition/Operationalization: Extracted from archival metadata.

b. **Variable**: *Month*
Label: Month of Document
Type: Integer (1–12)
Values: Month number
Definition/Operationalization: Extracted from archival metadata.

3. Need Indicators

a. **Variable**: *Need*
Label: Any Need Mentioned (Binary)
Type: Binary
Values: 1 = Need mentioned, 0 = No need
Definition/Operationalization: Indicator if humanitarian need was referenced at all.

b. **Variable**: *Nigeria_Need*
Label: Nigeria Need Level
Type: Ordinal 0–3
Values:
- **0 = None** (*No evident reliance on humanitarian support*)
- **1 = Minor** (*Nigerian resources cover most relief needs; humanitarian support is supplementary*)
- **2 = Moderate** (*Nigerian resources cover only part of relief needs; humanitarian support is somewhat stretched*)
- **3 = Severe** (*Nigerian resources cover little or none of relief needs; humanitarian support is highly needed and overstretched*)

Definition/Operationalization: Based on the severity of Nigerian dependence on humanitarian relief supplies.

c. **Variable**: *Biafra_Need*
Label: Biafra Need Level
Type: Ordinal 0–3
Values:
- **0 = None** (*No evident reliance on humanitarian support*)

- **1 = Minor** (*Biafran resources cover most relief needs; humanitarian support is supplementary*)
- **2 = Moderate** (*Biafran resources cover only part of relief needs; humanitarian support is somewhat stretched*)
- **3 = Severe** (*Biafran resources cover little or none of relief needs; humanitarian support is highly needed and overstretched*)

Definition/Operationalization: Based on the severity of Biafran dependence on humanitarian relief supplies.

4. Antagonism Indicators

a. **Variable**: *Antagonism*
Label: Any Antagonism (Binary)
Type: Binay
Values: 1 = Antagonism, 0 = None
Definition/Operationalization: General indicator if antagonism occurred in the context.

b. **Variable**: *Criticism*
Label: Verbal Antagonism
Type: Ordinal 0–3
Values:

- **0 = None**.
- **1 = Minor** (*logistical/competence concerns*)
- **2 = Moderate** (*bias/neutrality accusations)*
- **3 = Severe** (*espionage/undermining military claims*)

Definition/Operationalization: Tone/intensity of accusations against humanitarians.

c. **Variable**: *Bureaucratic_Delays_and_Operational_Restrictions*
Label: Operational Restrictions
Type: Ordinal 0–3
Values:

- **0 = None**
- **1 = Minor** (*Minor bureaucratic hurdles (e.g., slow permit processing or denial due to circumstances outside the belligerent's control*)
- **2 = Moderate** (*Moderate restrictions, e.g., denial of movement permits or request to operate)*
- **3 = Severe** (*Severe Restrictions, e.g., complete operational suspension due to insecurity caused by military operations, blockades that prevent access, or direct orders by the belligerent not to operate*)

Definition/Operationalization: Extent of bureaucratic/operational barriers imposed.

d. **Variable**: *Confiscation*
Label: Confiscations of Aid
Type: Ordinal 0–3

Values:

- **0 = None** (*No interference with humanitarian supplies or operations.*)
- **1 = Minor** (*Isolated seizure or redirection of small items (e.g., food, water, hygiene kits) without disrupting broader operations*)
- **2 = Moderate** (*Confiscation or takeover of significant assets or suspension of an NGO's activities, disrupting organizational or regional aid delivery.)*
- **3 = Severe** (*Widespread, deliberate confiscation or policy-driven redirection of most or all humanitarian relief across multiple agencies or regions)*

Definition/Operationalization: Seizure/redirection of humanitarian resources.

e. **Variable**: *Attack*
Label: Attacks on Aid/Personnel
Type: Ordinal 0–3
Values:

- **0 = None** (*No physical attacks or harm to humanitarian materials or personnel.*)
- **1 = Minor** (*Unintentional or collateral damage to aid materials or workers, e.g., caught in crossfire)*
- **2 = Moderate** (*Intentional non-lethal attacks or economic violence e.g., looting, kidnapping, destruction of supplies, threats, blocking access*)
- **3 = Severe** (*Targeted lethal attacks on aid infrastructure or personnel, e.g., shelling a hospital, killing or bombing humanitarian workers or facilities*).

Definition/Operationalization: Physical violence against humanitarian materials/personnel.

f. **Variable**: *Nigeria_Antagonism*
Label: Nigeria Highest Antagonism
Type: Ordinal 0–4
Values: 0 = None; 1 = Criticism; 2 = Bureaucratic; 3 = Confiscation; 4 = Attack
Definition/Operationalization: Highest antagonism level per Nigerian-coded context. If multiple forms of antagonism co-occurred in the same context, only the highest-severity form was recorded.

g. **Variable**: *Biafra_Antagonism*
Label: Biafra Highest Antagonism
Type: Ordinal 0–4
Values: 0 = None; 1 = Criticism; 2 = Bureaucratic; 3 = Confiscation; 4 = Attack
Definition/Operationalization: Highest antagonism level per Biafra-coded context. If multiple forms of antagonism co-occurred in the same context, only the form with the highest severity was recorded.

5. Cooperation Indicators

(Note: Not used in the main analysis)

a. **Variable**: *Cooperation*
Label: Any Cooperation (Binary)
Type: Binary
Values: 1 = Cooperation, 0 = None
Definition/Operationalization: Indicator if cooperation was shown at all.

b. **Variable**: *Nigeria_Cooperation*
Label: Nigeria Cooperation Level
Type: Ordinal 0–3
Values: 0 = None; 1 = Passive; 2 = Active; 3 = Strategic
Definition/Operationalization: Graded Nigerian cooperation.

c. **Variable**: *Nigeria_Binary_Cooperation*
Label: Nigeria Cooperation (Binary)
Type: Binary
Values: 1 = Cooperation, 0 = None
Definition/Operationalization: Simplified indicator for Nigeria.

d. **Variable:** *Biafra_Cooperation*
Label: Biafra Cooperation Level
Type: Ordinal 0–3
Values: 0 = None; 1 = Passive; 2 = Active; 3 = Strategic
Definition/Operationalization: Graded Biafran cooperation.

e. **Variable**: *Biafra_Binary_Cooperation*
Label: Biafra Cooperation (Binary)
Type: Binary
Values: 1 = Cooperation, 0 = None
Definition/Operationalization: Simplified indicator for Biafra.

6. Capacity

Definition/Operationalization: Belligerent can do for itself what humanitarians are to do for it.

a. **Variable**: *Show_of_Capacity*
Label: Any Show of Capacity (Binary)
Type: Binary
Values: 1 = Evidence of self-capacity, 0 = None
Definition/Operationalization: Evidence that at least one of the belligerents could provide for itself (food, logistics, health).

b. **Variable**: *Biafra_Show_of_Capacity*
Label: Biafra Show of Capacity
Type: Binary
Values: 1 = Yes, 0 = No
Definition/Operationalization: Binary indicator of Biafran self-capacity.

c. **Variable:** *Nigeria_Show_of_Capacity*
Label: Nigeria Show of Capacity
Type: Binary
Values: 1 = Yes, 0 = No
Definition/Operationalization: Binary indicator of Nigerian self-capacity.

7. Foreign Involvement

(*(Note: Not used in the main analysis*)

a. **Variable**: *Foreign_Support*
Label: Any Foreign Support (Binary)
Type: Binary
Values: 1 = Yes, 0 = No
Definition/Operationalization: Foreign government or organization support to either side.

b. **Variable**: *Foreign_Support_for_Nigeria*
Label: Foreign Support for Nigeria
Type: Binary
Values: 1 = Yes, 0 = No
Definition/Operationalization: Support directly aiding Nigeria's war/relief capacity.

c. **Variable:** *Foreign_Support_for_Biafra*
Label: Foreign Support for Biafra
Type: Binary
Values: 1 = Yes, 0 = No
Definition/Operationalization: Support directly aiding Biafra's war/relief capacity.

d. **Variable:** *Foreign_Backlash*
Label: Any Foreign Backlash (Binary)
Type: Binary
Values: 1 = Yes, 0 = No
Definition/Operationalization: Instances of international backlash against belligerent antagonism.

e. **Variable:** *Nigeria_Foreign_Backlash*
Label: Foreign Backlash (Nigeria)
Type: Binary
Values: 1 = Yes, 0 = No
Definition/Operationalization: Backlash directed specifically at Nigeria.

f. **Variable**: *Biafra_Foreign_Backlash*
Label: Foreign Backlash (Biafra)
Type: Binary
Values: 1 = Yes, 0 = No

Definition/Operationalization: Backlash directed specifically at Biafra.

8. War Termination

(Note: Not used in the main analysis)

a. **Variable**: *War_Termination_Indicator*
Label: Any War Termination Indicator
Type: Binary
Values: 1 = Yes, 0 = No
Definition/Operationalization: Indicates events relating to imminent war termination.

b. **Variable:** *Nigeria_War_Termination_Indicator*
Label: War Termination (Nigeria)
Type: Binary
Values: 1 = Yes, 0 = No
Definition/Operationalization: Events signaling Nigerian contribution to war termination.

c. **Variable**: *Biafra_War_Termination_Indicator*
Label: War Termination (Biafra)
Type: Binary
Values: 1 = Yes, 0 = No
Definition/Operationalization: Events signaling Biafran contribution to war termination.

d. **Variable**: *Critical_Termination_Window*
Label: Final 3 Months of War
Type: Binary
Values: 1 = Event between Oct 15, 1969 – Jan 15, 1970; 0 = Otherwise
Definition/Operationalization: Designed to isolate short-term causes of war termination.

e. **Variable**: *Proximate_Termination_Phase*
Label: Final 6 Months of War
Type: Binary
Values: 1 = Event between Jul 15, 1969 – Jan 15, 1970; 0 = Otherwise
Definition/Operationalization: Captures broader strategic shifts preceding war termination.

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5) Reliability, Validity, and Limitations

- **Reliability:** Single coder with multiple passes to ensure internal consistency; rules applied uniformly.
- **Validity:** Paragraph-bounded coding minimizes leakage from general knowledge; the "highest antagonism" rule ensures conservative severity assignment when multiple forms co-occur.

- **Limitations:** OCR noise may miss low-quality pages; mentions of belligerence drive row creation (contexts without such mentions are not sampled); single-coder subjectivity is mitigated but not eliminated.

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6) Replication & Provenance

- **Archival reference:** Swarthmore College Peace Collection, Clearing House for Nigeria/Biafra Information Records (SCPC-DG-168), Box 4.
- **Processing tools:** NAPS2 (OCR), PDF24 (PDF→TXT), Python (cleaning & extraction), Stata (analysis/plots).
- Replication materials (raw OCR text, coding scripts, and analysis do-files) are available upon request.