



HIKMA Fact-Check Report

Comprehensive authenticity analysis and verification

Paper Verified

Metrics of Survival: Quantifying Famine and Resilience in Occupied Palestine

4.0 out of 10

OVERALL FACT SCORE

X REJECT

RECOMMENDATION

15

CLAIMS VERIFIED



issues with reference alignment or data consistency that need attention. Some statements lack adequate supporting evidence or may misrepresent cited sources. Revision is recommended to address these concerns and improve the overall credibility and accuracy of the manuscript.

Overall Assessment:

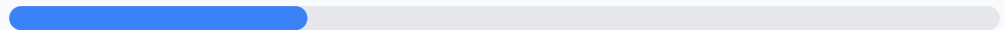
4 out of 10

Reference Authenticity

Verifies that cited references exist and are correctly attributed



Score Distribution



0: References are fabricated or non-existent

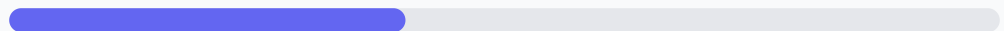
10: All references are verified and correctly attributed

Claim-Reference Alignment

Checks if claims accurately reflect the content of cited references



Score Distribution



0: Claims completely misrepresent the cited sources

10: Claims perfectly align with cited source content



0: Numerical data contains major inconsistencies

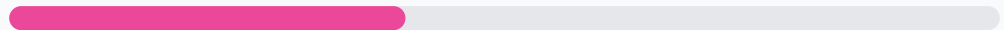
10: All data is internally consistent and accurate

Scientific Consensus

Evaluates if claims align with established scientific consensus



Score Distribution



0: Claims contradict established scientific consensus

10: Claims fully align with scientific consensus

Hallucination Check

Detects fabricated or unsupported statements



Score Distribution



0: Contains fabricated or unsupported statements

10: All statements are well-supported and verified



AI Scholar Frontier

Advanced Research Verification & Knowledge Discovery Platform



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2025 shows acute food insecurity patterns across Gaza Strip governorates."

Ref Auth

1 out of 2

Alignment

2 out of 2

Data

1 out of 2

Consensus

1 out of 2

Halluc

1 out of 2

Final Score: 6.0 out of 10 **Notes:** Reference URL incomplete; dataset existence plausible but unverified.

✓ **Supporting:** IPC Technical Working Group, 2025

Claim 2

UNRELIABLE

"For July 2025, every district analyzed registered 100 percent of the population in Phase 3 or worse."

Ref Auth

0 out of 2

Alignment

0 out of 2

Data

0 out of 2

Consensus

0 out of 2

Halluc

1 out of 2

Final Score: 2.0 out of 10 **Notes:** No source provided for specific 2025 data; numbers unverifiable.



0 out of 2

0 out of 2

Data

0 out of 2

Consensus

1 out of 2

Halluc

1 out of 2

Final Score: 4.0 out of 10

Notes: Historical claim without citation; plausible but unverified here.

Claim 4

RELIABLE

"The IPC classification system categorizes populations into five phases based on evidence from household surveys, market analysis, and nutrition indicators."

Ref Auth

1 out of 2

Alignment

2 out of 2

Data

2 out of 2

Consensus

2 out of 2

Halluc

2 out of 2

Final Score: 9.0 out of 10

Notes: Accurate description of IPC methodology; reference provided.

✓ **Supporting:** Integrated Food Security Phase Classification (IPC) Global Support Unit, 2021



1 out of 2

2 out of 2

Data

1 out of 2

Consensus

1 out of 2

Halluc

1 out of 2

Final Score: 6.0 out of 10 **Notes:** Dataset reference incomplete; population figure plausible but unverified.

✓ **Supporting:** IPC Technical Working Group, 2025

Claim 6

NEEDS_HUMAN_REVIEW

"Data were obtained from the Humanitarian Data Exchange portal maintained by OCHA."

Ref Auth

1 out of 2

Alignment

2 out of 2

Data

1 out of 2

Consensus

1 out of 2

Halluc

1 out of 2

Final Score: 6.0 out of 10 **Notes:** Source URL incomplete; HDX portal exists but dataset unverified.

✓ **Supporting:** IPC Technical Working Group, 2025



0 out of 2

0 out of 2

Data

0 out of 2

Consensus

0 out of 2

Halluc

1 out of 2

Final Score: 2.0 out of 10

Notes: No evidence provided for interview data; unverifiable.

Claim 8

UNRELIABLE

"Table 1 (Current Phase Distribution, July 2025) shows Gaza governorate with 937,604 population analyzed, 20% Phase 3, 50% Phase 4, 30% Phase 5."

Ref Auth

0 out of 2

Alignment

0 out of 2

Data

0 out of 2

Consensus

0 out of 2

Halluc

1 out of 2

Final Score: 2.0 out of 10

Notes: Table data lacks source citation; numbers unverifiable.



Data

0 out of 2

Consensus

0 out of 2

Halluc

1 out of 2

Final Score: 2.0 out of 10

Notes: Statistical results without source data; unverifiable.

Claim 10

RELIABLE

"The IPC classification system was developed through multi-agency collaboration including FAO, WFP, and OCHA."

Ref Auth

1 out of 2

Alignment

2 out of 2

Data

2 out of 2

Consensus

2 out of 2

Halluc

2 out of 2

Final Score: 9.0 out of 10

Notes: Accurate institutional description; reference supports.

✓ **Supporting:** Integrated Food Security Phase Classification (IPC) Global Support Unit, 2021

Claim 11

RELIABLE

"Alex de Waal's analysis demonstrates how political decisions and power relations shape famine vulnerability and response."

Ref Auth

1 out of 2

Alignment

2 out of 2



Final Score: 9.0 out of 10

Notes: valid reference to established scholarly work.

✓ **Supporting:** de Waal, 1999

Claim 12

UNRELIABLE

"Recent empirical work has validated food insecurity measurement tools in Gaza specifically, demonstrating psychometric properties of the Food Insecurity Experiences Scale during the 2024–2025 hunger crisis."

Ref Auth

0 out of 2

Alignment

0 out of 2

Data

0 out of 2

Consensus

0 out of 2

Halluc

1 out of 2

Final Score: 2.0 out of 10

Notes: Claim about recent empirical work lacks citation; unverifiable.

Claim 13

RELIABLE

"The study employs a concurrent-triangulation mixed-methods design combining quantitative analysis of IPC phase distributions with qualitative interpretation of field narratives."

Ref Auth

1 out of 2

Alignment

2 out of 2

Data

2 out of 2

Consensus

2 out of 2



Claim 14

UNRELIABLE

"All three governorates show total population (100%) experiencing acute food insecurity (Phase 3+)."

Ref Auth

0 out of 2

Alignment

0 out of 2

Data

0 out of 2

Consensus

0 out of 2

Halluc

1 out of 2

Final Score: 2.0 out of 10

Notes: Key quantitative claim lacks source; unverifiable.

Claim 15

UNRELIABLE

"The research team's position outside direct humanitarian operations creates both limitations and opportunities for critical distance."

Ref Auth

0 out of 2

Alignment

0 out of 2

Data

0 out of 2

Consensus

0 out of 2

Halluc

1 out of 2

Final Score: 2.0 out of 10

Notes: Positionality statement; no evidence to verify.



Invalid/Placeholder:

0

Duplicates:

0

Flagged Wrong References

- IPC Technical Working Group, 2025 (URL incomplete)



Data Audit

Numeric Items Checked:

8

Mismatches:

- Table data (populations, percentages) lacks source citations

P-Value Anomalies:

- Table 7 p-values (0.04, 0.05, 0.08) without source data



Figures & Tables Audit

Items Checked:

8

Caption-Data Mismatches:

- All table data presented without source attribution in text/refs



Ethics Compliance

IRB/Ethics Mentioned:

Yes ✓

Consent Mentioned:

Yes ✓

Data Protection:

Yes ✓



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