

Supplementary Materials for ‘Evaluating Generative AI for Qualitative Data Extraction in Community-Based Fisheries Management Literature’

Supplement 1. Papers Included in the Review

1. Akimichi T. Indigenous resource management and sustainable development: Case studies from Papua New Guinea and Indonesia. *Anthropological Science*. 1995;103(4):321–7.
2. Almany GR, Hamilton RJ, Bode M, Matawai M, Potuku T, Saenz-Agudelo P, et al. Dispersal of Grouper Larvae Drives Local Resource Sharing in a Coral Reef Fishery. *Current Biology*. 2013 Apr;23(7):626–30.
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5. Hamilton RJ, Hughes A, Brown CJ, Leve T, Kama W. Community-based management fails to halt declines of bumphead parrotfish and humphead wrasse in Roviana Lagoon, Solomon Islands. *Coral Reefs*. 2019 Jun;38(3):455–65.
6. Smallhorn-West PF, Stone K, Ceccarelli DM, Malimali S, Halafihi T, Bridge TCL, et al. Community management yields positive impacts for coastal fisheries resources and biodiversity conservation. *CONSERVATION LETTERS*. 2020 Nov;13(6)
7. Quimby B, Levine A. Adaptive capacity of marine comanagement: a comparative analysis of the influence of colonial legacies and integrated traditional governance on outcomes in the Pacific. *Reg Environ Change*. 2021 Mar;21(1):10.

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13. Ison S, Hills J, Morris C, Stead SM. Sustainable financing of a national Marine Protected Area network in Fiji. *Ocean & Coastal Management*. 2018 Sep;163:352–63.
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15. Lauer M, Aswani S. Indigenous Knowledge and Long-term Ecological Change: Detection, Interpretation, and Responses to Changing Ecological Conditions in Pacific Island Communities. *Environmental Management*. 2010 May;45(5):985–97.
16. Albert S, Grinham A, Gibbes B, Tibbetts I, Udy J. Indicators of coral reef ecosystem recovery following reduction in logging and implementation of community-based management schemes in the Solomon Islands. *Pac Conserv Biol*. 2014;20(1):75.
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18. Marine Ecology Progress Series 449:233. *Mar Ecol Prog Ser*. 2012.
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28. Rohe JR. Multiple Drivers of Local (Non-) Compliance in Community-Based Marine Resource Management: Case Studies from the South Pacific. *Frontiers in Marine Science*. 2017;4.
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Supplement 2. Extended Results

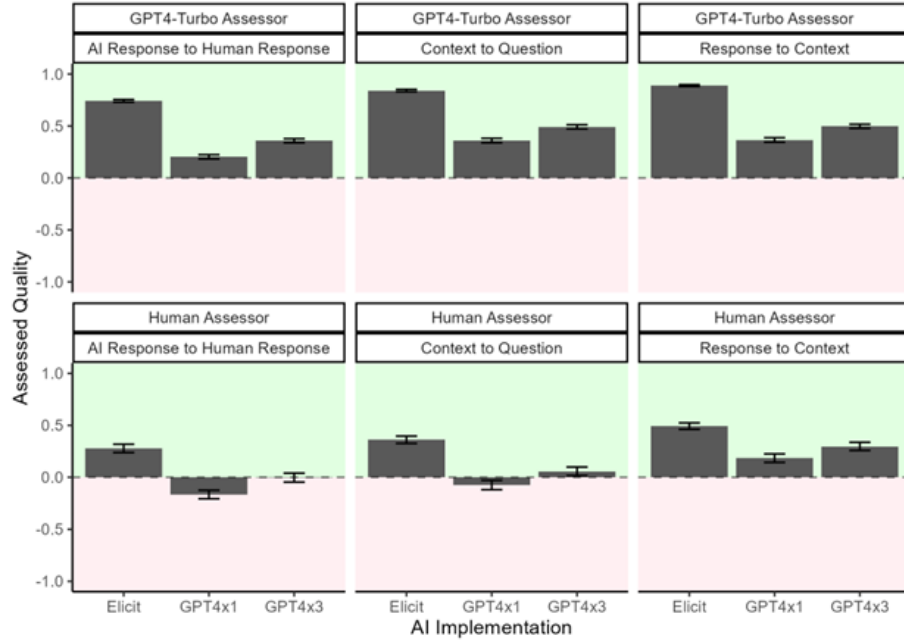


Figure 1: GPT-4 Quality Assessor. In addition to assessment by the team of human researchers. We had GPT-4 undertake the same assessment five times. (a) The first five times we provided the human response as the 'gold standard' and asked GPT-4 to assess the other response. These ratings are consistent in pattern to those of the human evaluators (Figure 3)

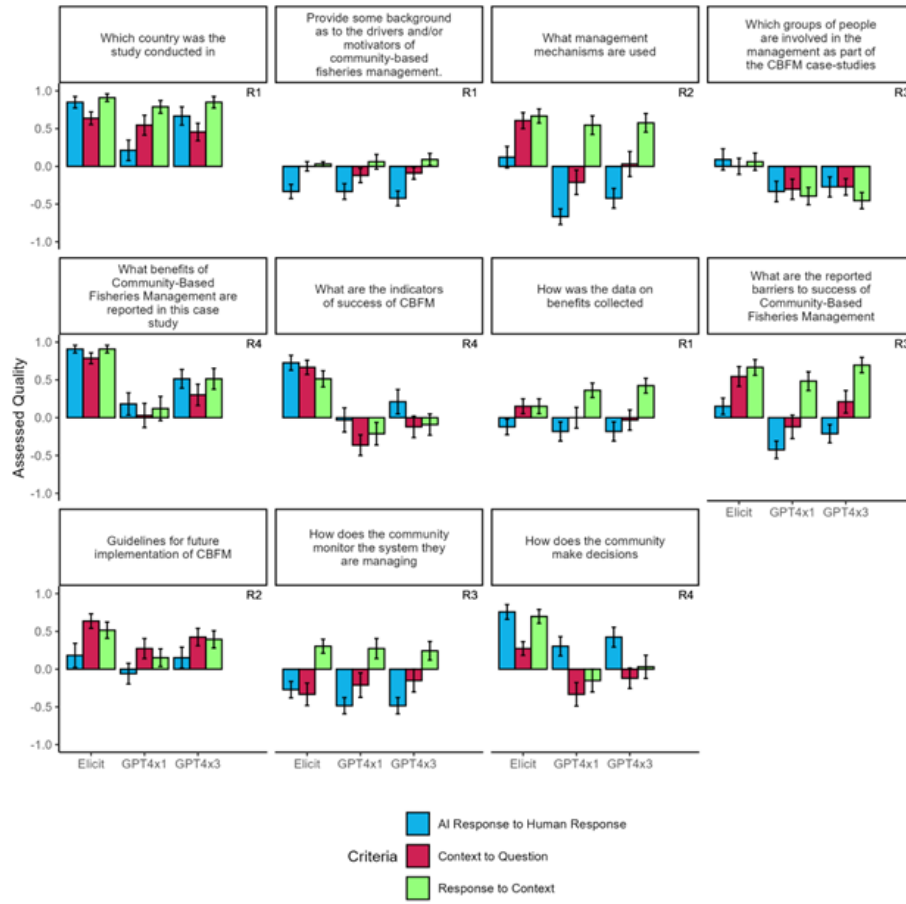


Figure 2: Mean Quality of AI responses for each question.