Comment on essd-2022-318
Annalisa Minelli (Referee)

Referee comment on "Deep-water red shrimp fishery in the Eastern-Central Mediterranean Sea: AIS-observed monthly fishing effort and frequency over four years" by Jacopo Pulcinella et al., Earth Syst. Sci. Data Discuss., https://doi.org/10.5194/essd-2022-318-RC1, 2022

The article is worth of publication since the work done is relevant, both from a scientific and technical point of view. Moreover, the value of the work is increased by the sharing not only of dataset but also of meaningful metadata and the code.

Also explanation of the work is clear and the method and results are presented in a consistent and effective way.

I would only suggest some minor technical corrections that are:

Row #35: I noticed that the bibliography seems a bit outdated. There's nothing more recent to cite on this theme?

Row #71: I suggest to use "valuable" instead of "of great use"

Row #87-88: I suggest to turn "of belonging" at the end of the sentence in "it belongs to"

Row #108: I suggest to specify the metric of threshold using for example "predefined temporal threshold" in place of "predefined threshold"

Row #109: similarly, I suggest to use "predefined nondimensional threshold", also to differentiate the two threshold named
Figure 1: it is a pity that fishing hours distinctions is not clearly visible from the figure. Maybe adding some zooms on above mentioned areas (Strait of Sicily, Southern Adriatic and Offshore Crete) could help the figure being more meaningful?

Figure 2: add the "Years" (or "Quarters", maybe) label to the horizontal axe

Row #206: I would put the name of the cited web article in quotes: "Global Fishing Watch - A Radar-Illuminated Ocean Reveals Dark Fleets", 2022

Row #215: there's a double comma instead of a point and comma in "i.e., vessels..."

Row #244: I would turn "discovery" into "machine-readable" when speaking about metadata