Technical comments from RC1 (new formatted)
Anonymous Referee #1

Referee comment on "Optically thin clouds in the trades" by Theresa Mieslinger et al., Atmos. Chem. Phys. Discuss., https://doi.org/10.5194/acp-2021-453-RC2, 2021

- P1, L14: Typo: overestiamtion --> overestimation
- Sun: "Sun" is a proper name and should be written with capital letter. It appears several times throughout the manuscript.
- P2, L51: hectometer --> hectometre
- P2, L52: reflectances --> I think it should be without plural-s, “reflectance”; It appears several times throughout the manuscript.
- P5, L118: Space sign between number and unit
- P6, L148: light --> radiation
- P6, L141: 1D --> one-dimensional (1D)
- P6, L146: chapter 2.3 --> Sect. 2.3
- P7, L187: an distribution --> a distribution
- P14, L319-L320: from the table I calculate 23 %. Probably due to rounding errors.
- P15, Tab. 3: missing space sign in 60 x 60 km^2
- P17, Fig. 9: Include (a) and (b) in the panels and maybe include headlines, naming the properties (all-sky reflectance, cond. prob. of total cloud reflectance), which are shown.
- P17, L365-366: “As expected,...” This sentence is missing something. It is hard to understand, what it is about.
- P22, L497: ... simple clear sky model (SCSM). In Sect. 3.1 it was called simplified clear sky model.