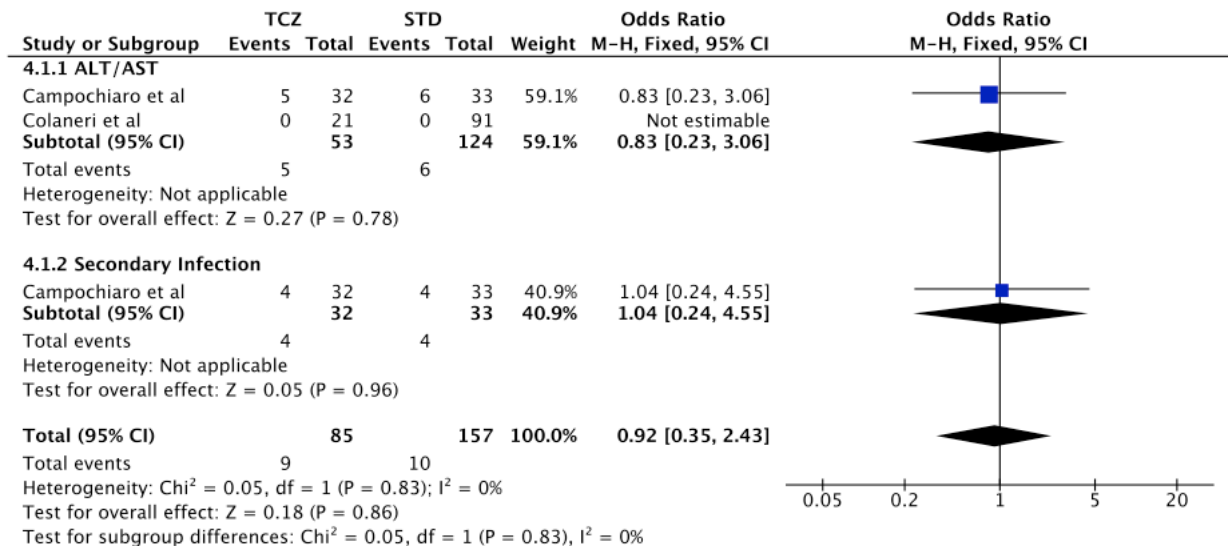


Supplementary materials

Search Strategy

We ran the following search strategy in PubMed until May 2020:

1. “COVID-19” [All Fields] OR “SARS-COV-2” [All Fields] OR “novel coronavirus disease” [All Fields] OR “novel coronavirus pneumonia” [All Fields]
2. “anti-IL-6R antibody” [All Fields] OR “anti-IL-6R antibody” [Title/Abstract]
3. “Tocilizumab” [All Fields] OR “Tocilizumab” [Title/Abstract]
4. “IL-6 polymorphism” [All Fields]
5. “Pneumonia” [All Fields]
6. 1 AND 2
7. 1 AND 3
8. 1 AND 2 AND 3
9. 4 AND 5



Supplementary Fig. 1. Forest plot of pooled studies evaluating the adverse effect between Tocilizumab (TCZ) group and standard treatment (STD) group.

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