# Covid vaccine effects on people with underlying medical conditions.

Things to compare specifically

* Preventive effect (general with vs. without comorbidities & specific groups of comorbidities similar to clinical trials)
* Adverse event frequency (As in clinical trials)
* Mortality (<https://biobank.ctsu.ox.ac.uk/crystal/crystal/docs/DeathLinkage.pdf>, from paper 1
* Hospitalization (as in paper 1)

Some literature:

1. <https://www.medrxiv.org/content/10.1101/2021.08.15.21262097v1.full.pdf>, probably the closest one, to compare data to, to use for developing methods
2. <https://www.medrxiv.org/content/10.1101/2021.01.25.21250356v3.full> also uses TPP, may be helpful to develop methods, have public github repository
3. Backstory: phase 2-3 trials for different vaccines, not more adverse effect, similar preventative effect <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8032917/>
4. Opinion paper discussing regulation (not much recommended to discuss with GP if had myocarditis) and recommendation to consider and weigh the risk as done in cancer treatment. <https://www.statnews.com/2021/06/29/myocarditis-covid-19-vaccine-connection-caution-needed-for-those-at-risk/>
5. <https://www.medrxiv.org/content/10.1101/2021.03.16.21253686v2> also on large dataset, multivariable logistic regression