## Tonale Working Group Questions

## November 29, 2024

1) Do you prefer  $\Lambda$  or DE or neither? (and why?)

2) Let's make a list of all the assumptions that go in the cosmological standard model...

3) Can we really directly measure w?

4) Let's make a list of all possible ways to detect DE...

5) Can we directly measure  $\Omega_m$ ?

6) Is  $f\sigma_8(z)$  directly observable?

7) Can DE be a vector or a tensor field?

8) What could go wrong in the SN data analysis?

9) What do you think of the coincidence problem?

10) DE and non-linearity

11) how many ways are there to modify GR?

12) how to be maximally model-independent? and why?