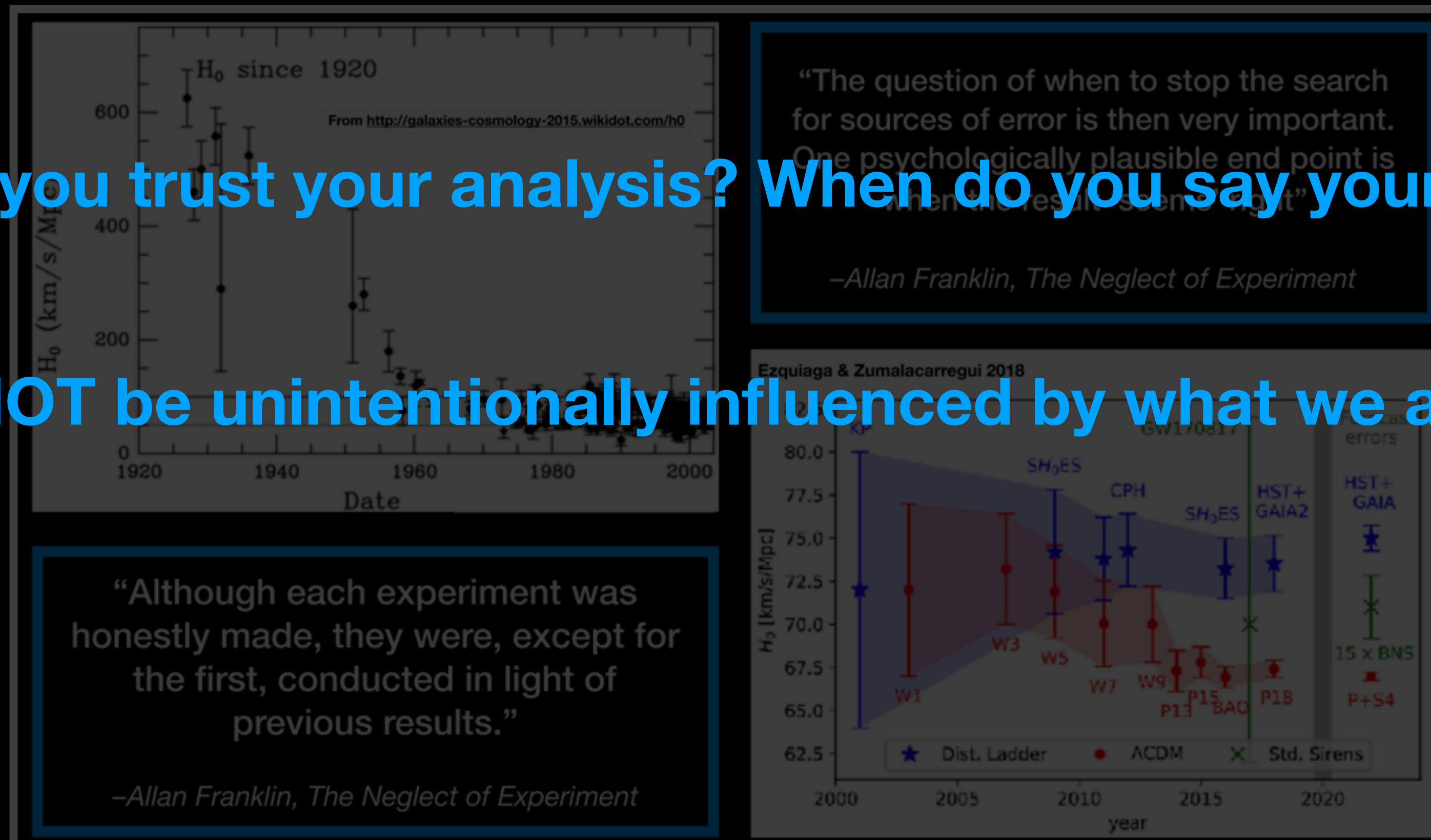


# Bandwagon effect

The bandwagon effect is a **psychological phenomenon** where people adopt certain behaviors, styles, or attitudes simply because others are doing so. More specifically, it is a **cognitive bias** by which public opinion or behaviors can alter due to particular actions and **beliefs** rallying amongst the public. [Wikipedia]

- When do you trust your analysis? When do you say your analysis is validated?
- Can we NOT be unintentionally influenced by what we already know?



# How is the DESI BAO analysis different?

- The data! – already **the biggest ever BAO dataset** (both in  $z$  and volume)
- **Blind analysis** to mitigate observer/confirmation biases (catalogue-level blinding)
- Theory developments in BAO fitting procedure
- New and improved reconstruction methods
- **Unified BAO pipeline** applied to all tracers/redshifts consistently
- Wide-ranging tests of systematic errors, done before unblinding
- New combined tracer method used for overlapping galaxy samples (LRG and ELG in  $0.8 < z < 1.1$ )