ZTF : the DR2 Sample Where we are today









The Statistics

Total SNIa With 'some LC' Pass LC quality cuts Pass Cosmo quality cuts

Z<0.04 **Z<0.05** Z<0.06

(Of Cosmo la's:)

* from host galaxy: does not include gal_z from SN spec

320 **539** 828

198 (62%) 306 (57%) 453 (55%)

3824 3721 (97%) 3100 (81%) 2624 (69%)

Spec Z* 1481 (39%) 1445 (98%) 1125 (76%) 923 (62%)













Completeness

Data Size

* today == end ZTF1

Answering Questions

Stretch Distribution

Testing Models

Concerning Colour

Concerning Colour

Real or calibration? Tests ongoing

Environmental Dependence

Environmental Dependence

A sneak peek

The "To do" List:

- A. Finalise spec confirmed list (Jeremy + Joel + Trinity: not really me!)
- **B.** Finalise light-curves (close :))
- C. Finalise redshifts (cross check with BTS done; Gal_z from SN_spec?)
- **D.** Finalise host selection (cross check with BTS done)
- **E.** Finalise SALT2 cuts (basically done!)
- 1. Finalise Volume Limited Sample (Melissa + BTS)
- 2. Check consistency of derived properties (global + local)
- 3. Calculate HRs (UNITY+fixed cosmology on Volume Limited Sample)
 - Understand scatter ;)
- 4. Local v Global
- 5. Optimise models (N21 + BS21)

'DEC'

'Jan'

+ write it down!

Merci / Gracias / Thank you :

Also dankeschon, tack and go rabid maith agat ;)

Credit: Debbie Smyth

