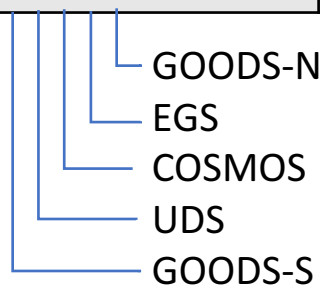
CANDELS DATA

Data products

Product	Team	World
WFC3/IR, ACS images	12345	12345
WFC3/UV images	12345	1 5
Photometry, photz, SED fitting, rest-frame photometry	12345	12345
Galfit sersic fits (F160W)	12345	
CAS/Gini/M20/MID	12345	
CANDELS Visual classifications	123	
GalaxyZoo classifications	123	
Mock catalogs from Semi-analytical models	12345	
Photo-z probability distributions	12345	
Bulge/disk decompositions	12345	
Clump Catalogs	1	
Mock data from hydro simulations		



What's Available Publicly?

HST images, multi-wavelenth photometry, photoz, SED-fitting results

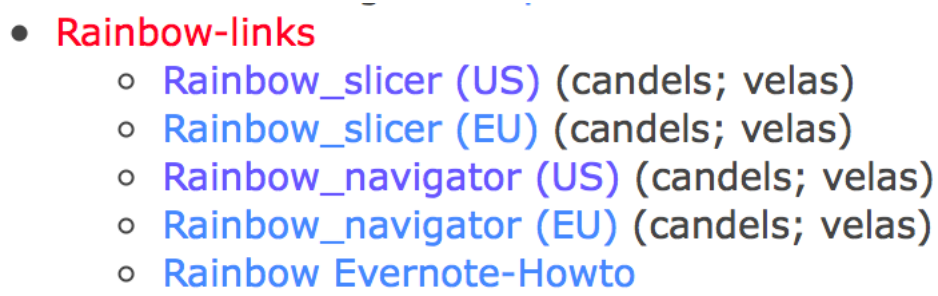
- CANDELS
  - https://archive.stsci.edu/prepds/candels/ MAST
  - http://candels.ucolick.org/data_access/GOODS-S.html UCSC
- 3DHST
  - https://archive.stsci.edu/prepds/3d-hst/ MAST
  - http://3dhst.research.yale.edu/Data.php Yale

GALFIT single-sersic:

- http://www.mpia.de/homes/vdwel/ Arjen van der Wel

Team Repositories

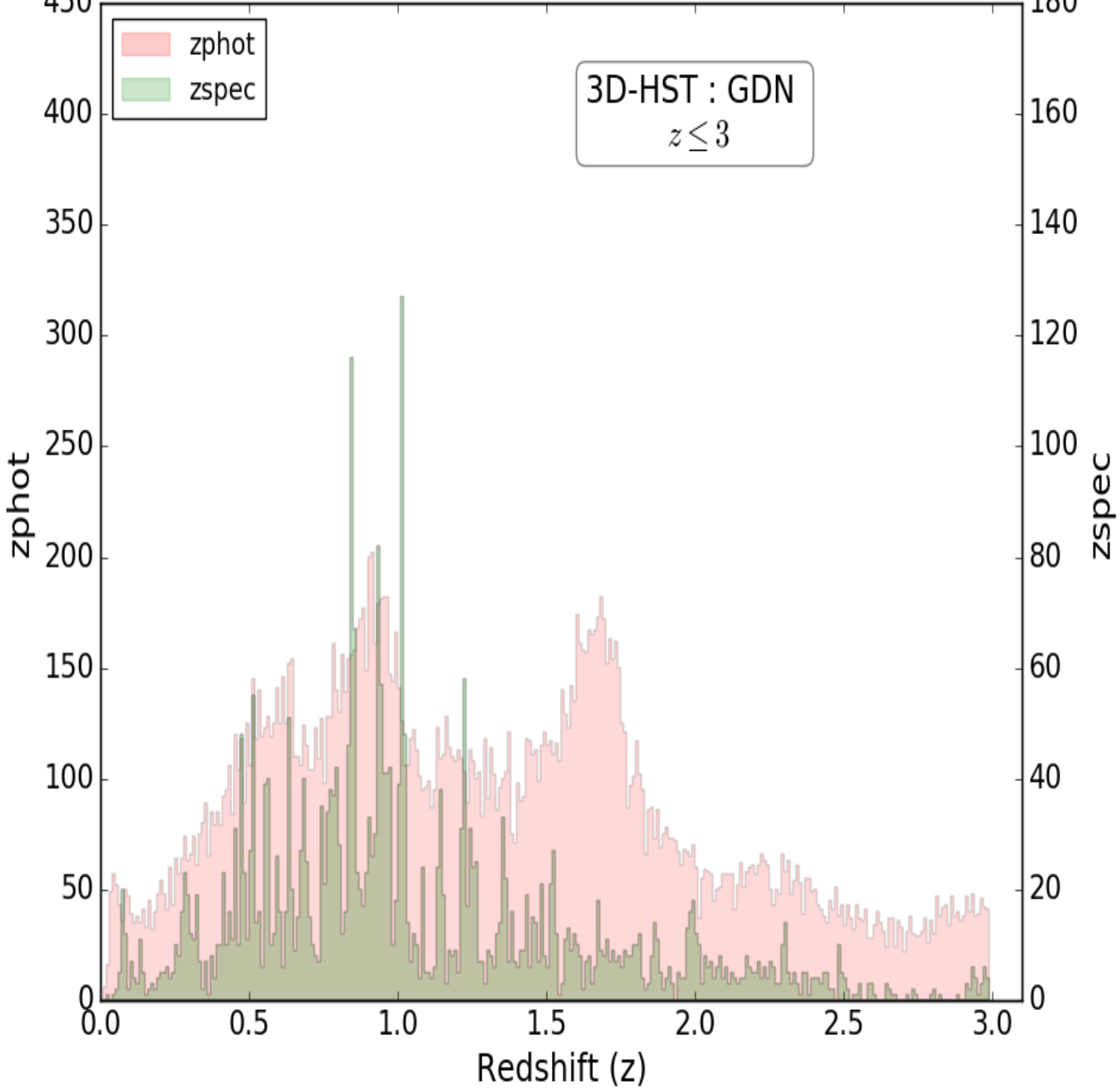
- 2015a Team release Box repository
  - https://stsci.app.box.com/s/5waibanyznc9od28p8xtt6a3t8vatr62
- Photometric redshift PDFs
  - https://pitt.app.box.com/s/xljhf9d9wx6hzn94rs6vqv33t1c4txt8
- Ancillary data locations (incomplete compilation)
  - https://airtable.com/tblx4mcoqvkld1b4T/viw1tmQpeNtdp9Llu
- Rainbow:

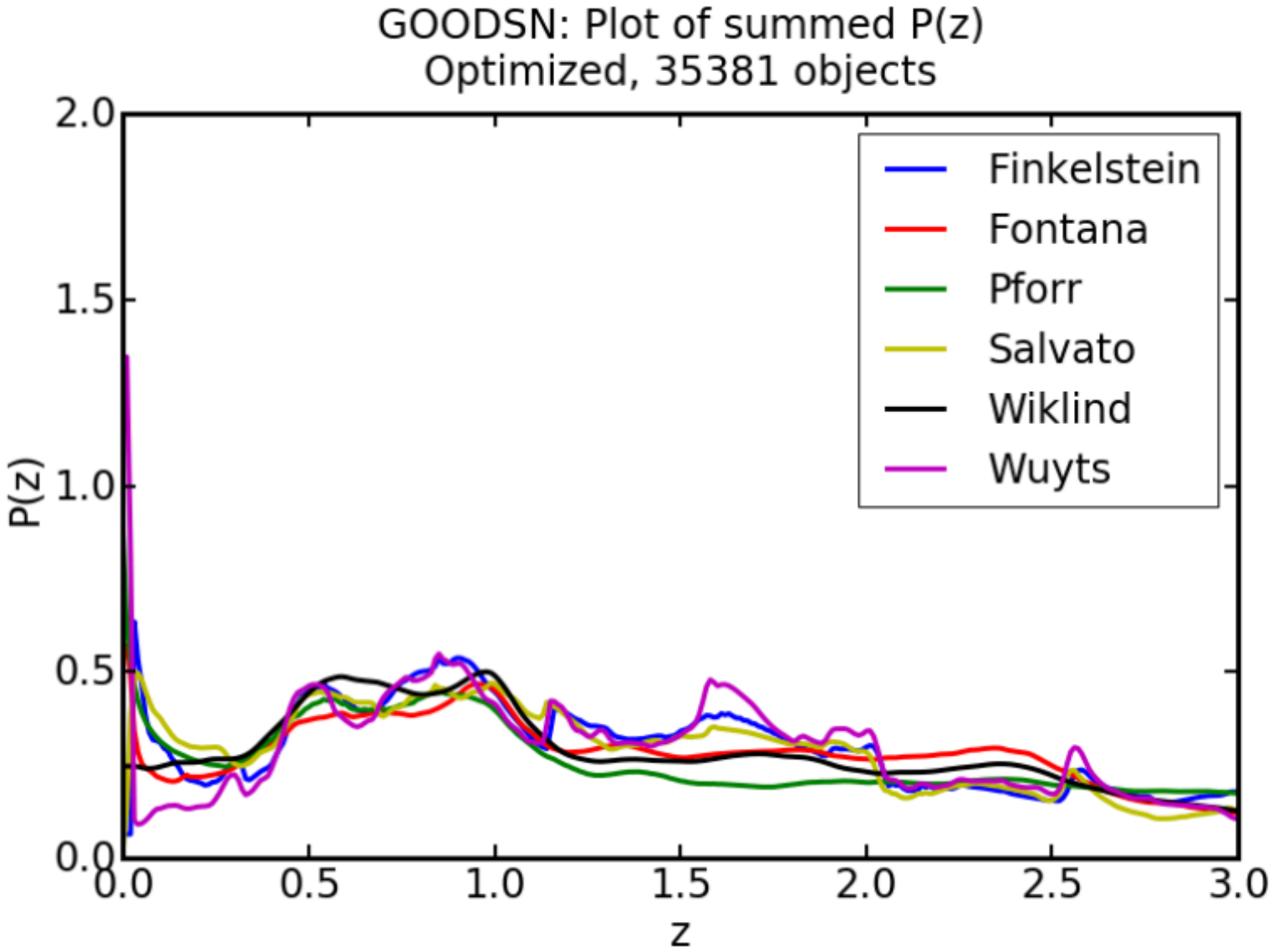


Discussion

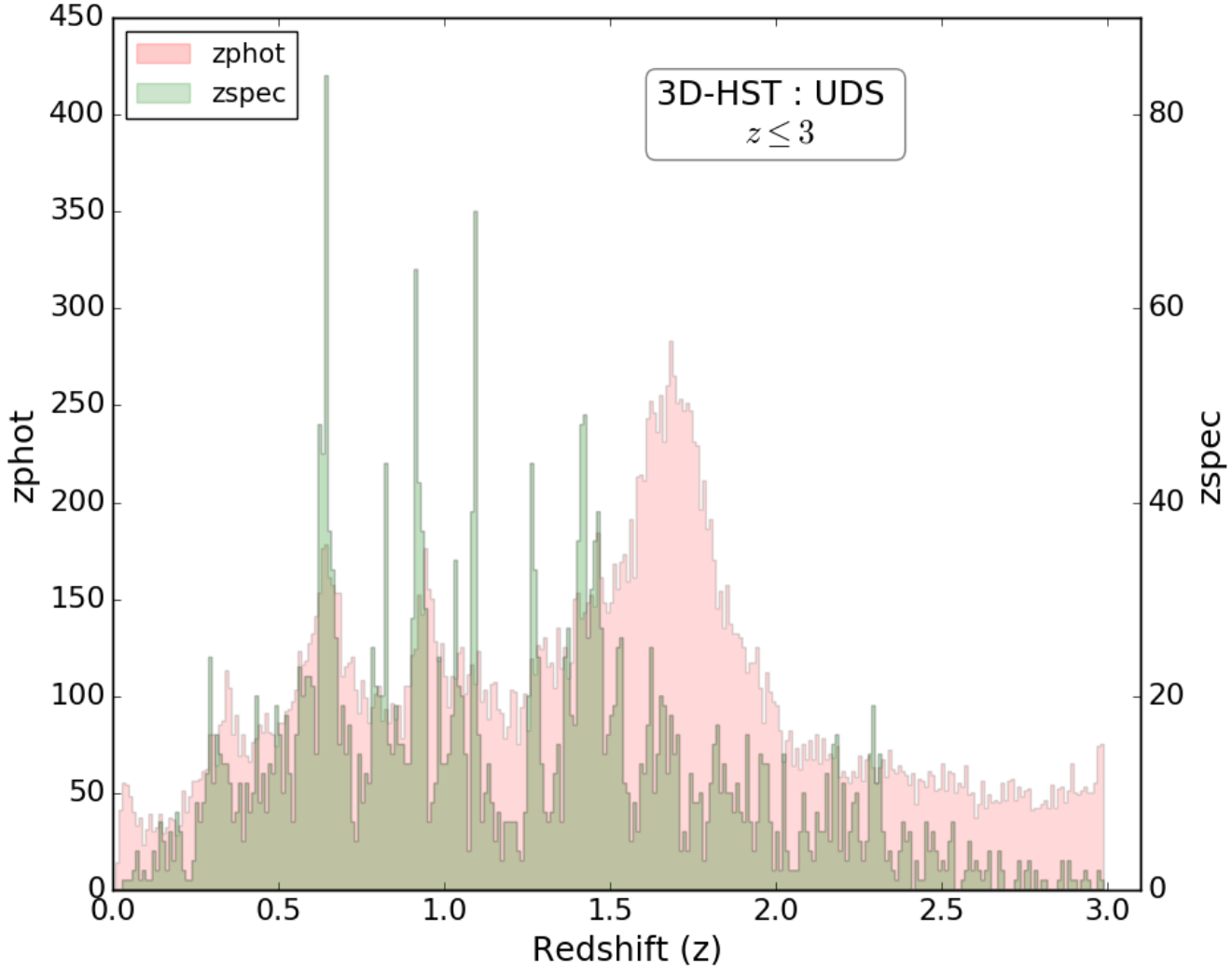
- General questions – what would **you** like to see:
  - For Catalog organization?
  - For Catalog interface?
  - For Catalog validation?
- Work session
  - Collect the builder names
  - Collect the current locations
  - Release strategy
    - Timing?
    - Do we need a paper for every catalog?

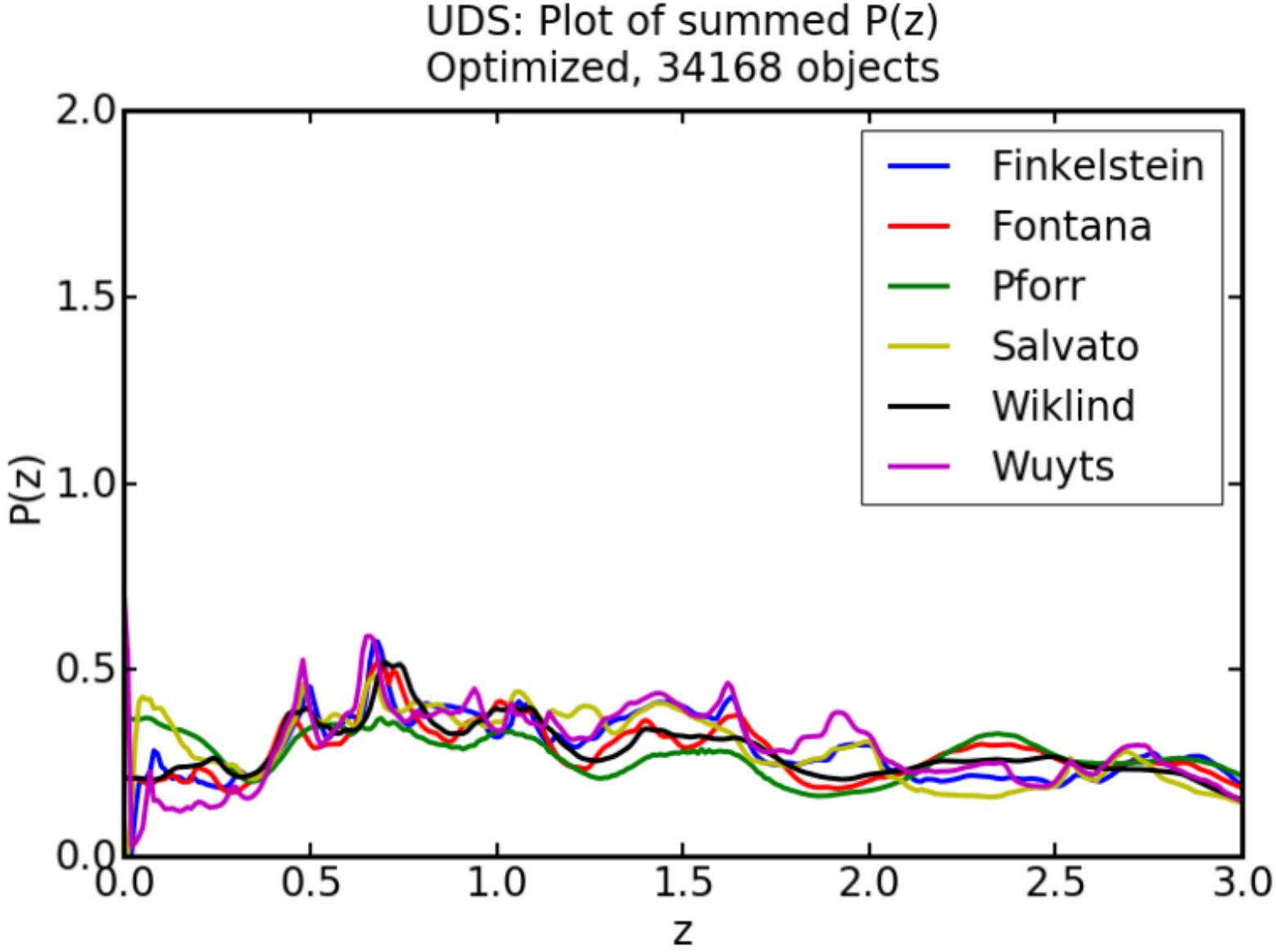
Redshift


zphot
zspec
3D-HST : GDN
$z \leq 3$
zphot
zspec
Redshift (z)
0
50
100
150
200
250
300
350
400
0
20
40
60
80
100
120
140
160
0.0
0.5
1.0
1.5
2.0
2.5
3.0

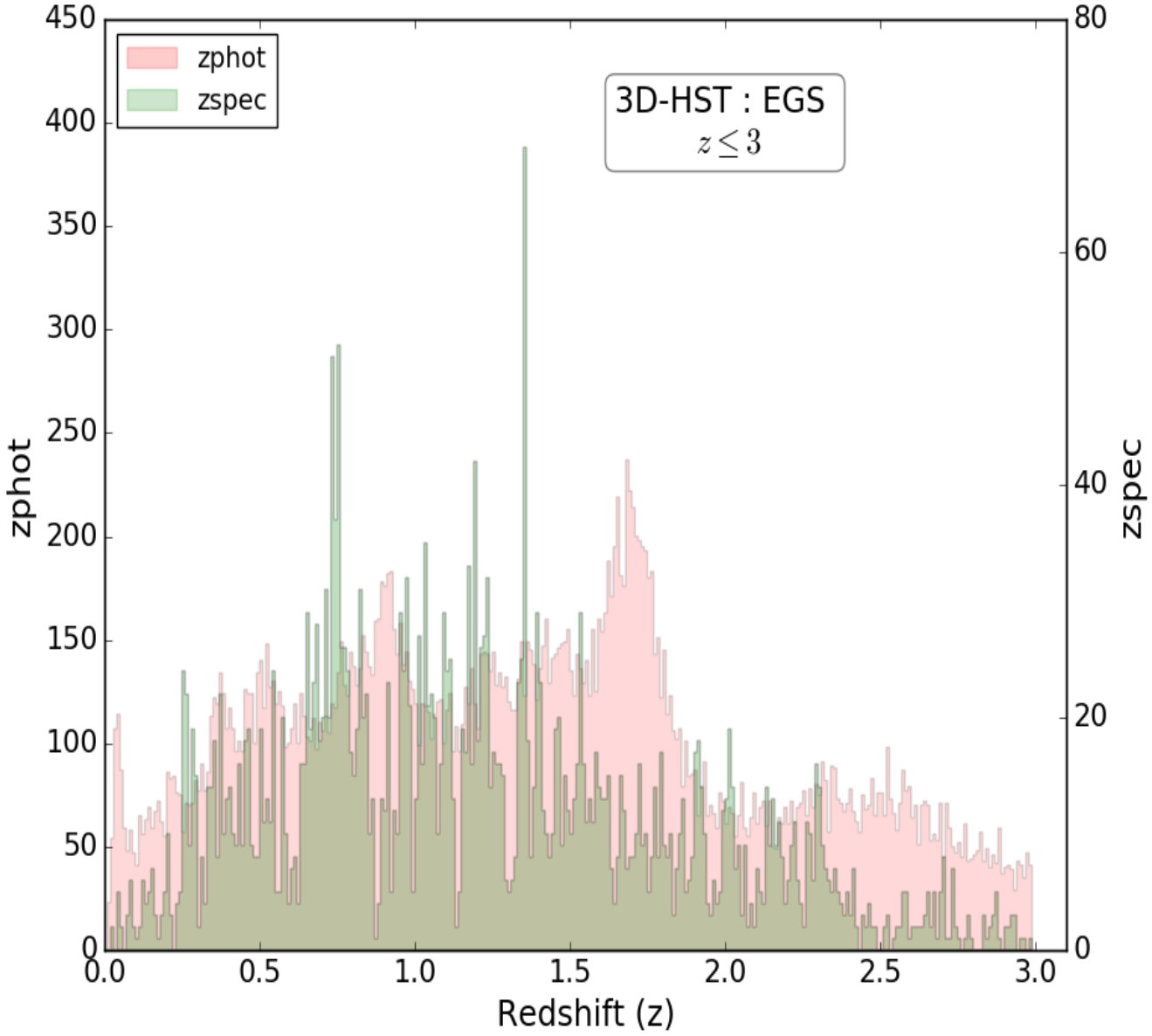

GOODSN: Plot of summed P(z)
Optimized, 35381 objects
P(z)
z
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Finkelstein
Fontana
Pforr
Salvato
Wiklind
Wuyts

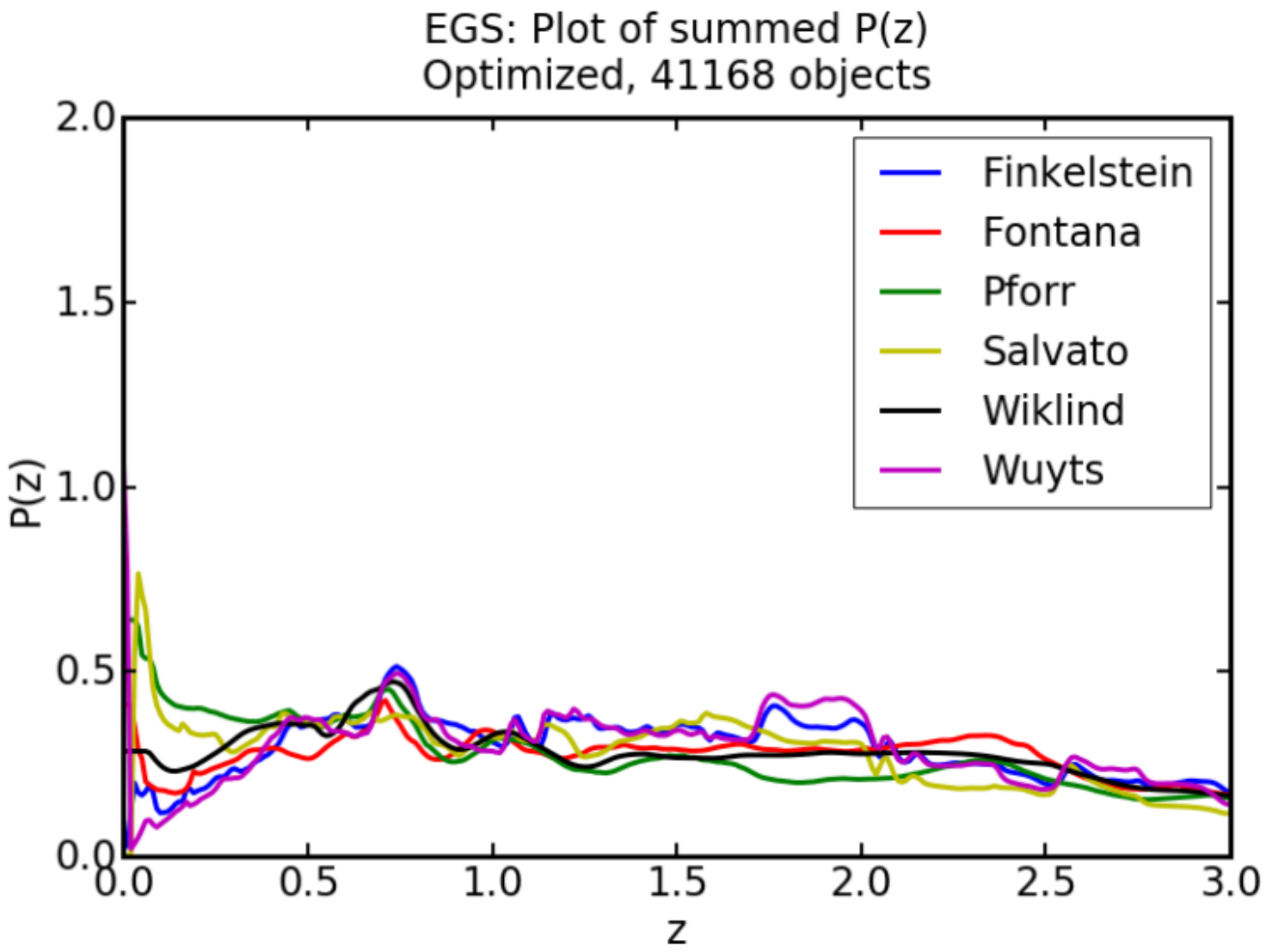
UDS


zphot
zspec
3D-HST : UDS
$z \leq 3$
zphot
zspec
Redshift (z)
0
50
100
150
200
250
300
350
400
450
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0
20
40
60
80


UDS: Plot of summed P(z)
Optimized, 34168 objects
P(z)
z
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Finkelstein
Fontana
Pforr
Salvato
Wiklind
Wuyts

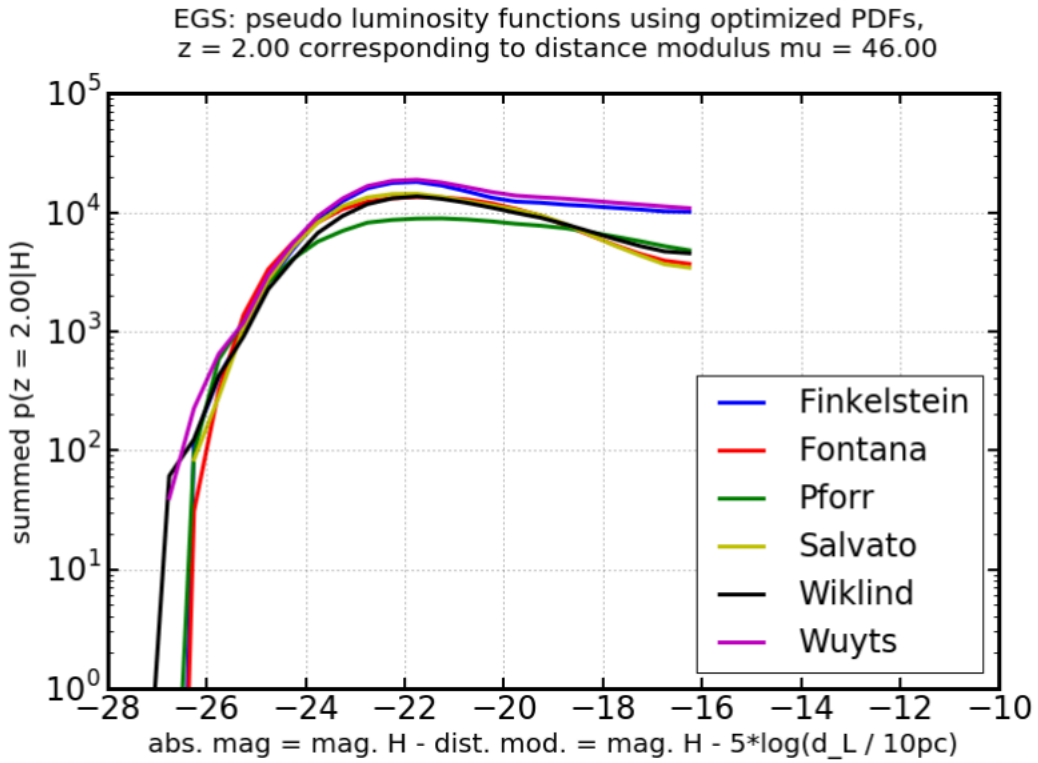
EGS


zphot
zspec
3D-HST : EGS
$z \leq 3$
zphot
zspec
Redshift (z)
0
50
100
150
200
250
300
350
400
450
0
20
40
60
80
0.0
0.5
1.0
1.5
2.0
2.5
3.0


EGS: Plot of summed P(z)
Optimized, 41168 objects
P(z)
z
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Finkelstein
Fontana
Pforr
Salvato
Wiklind
Wuyts

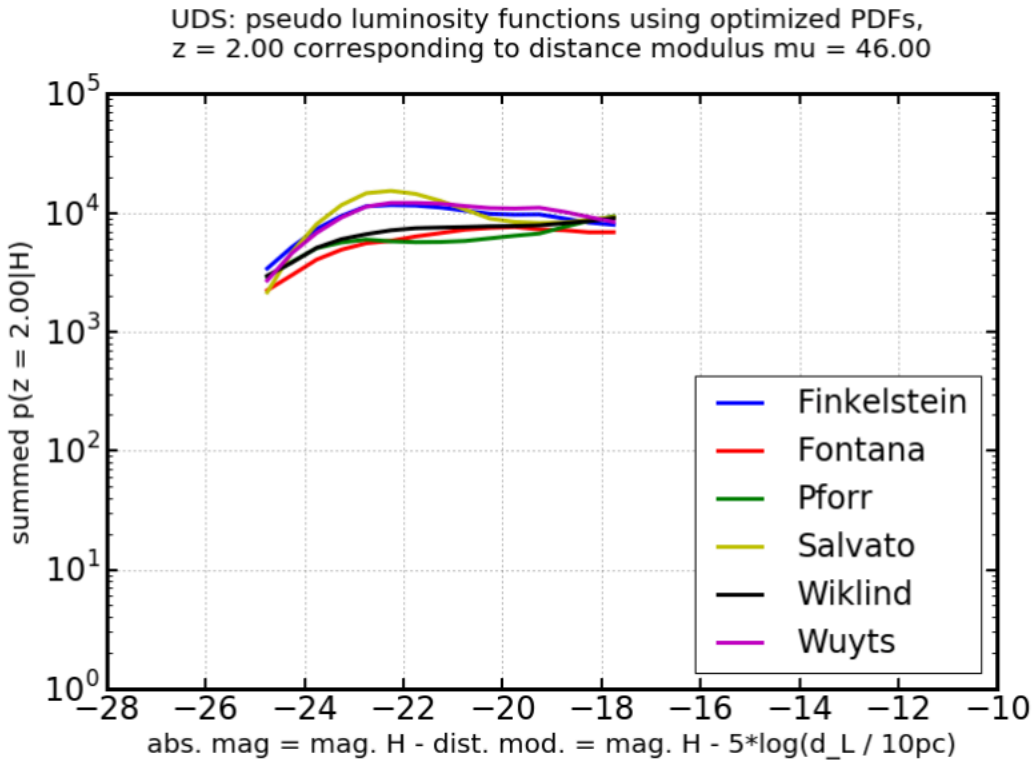
Pseudo LFs

Figure 24:



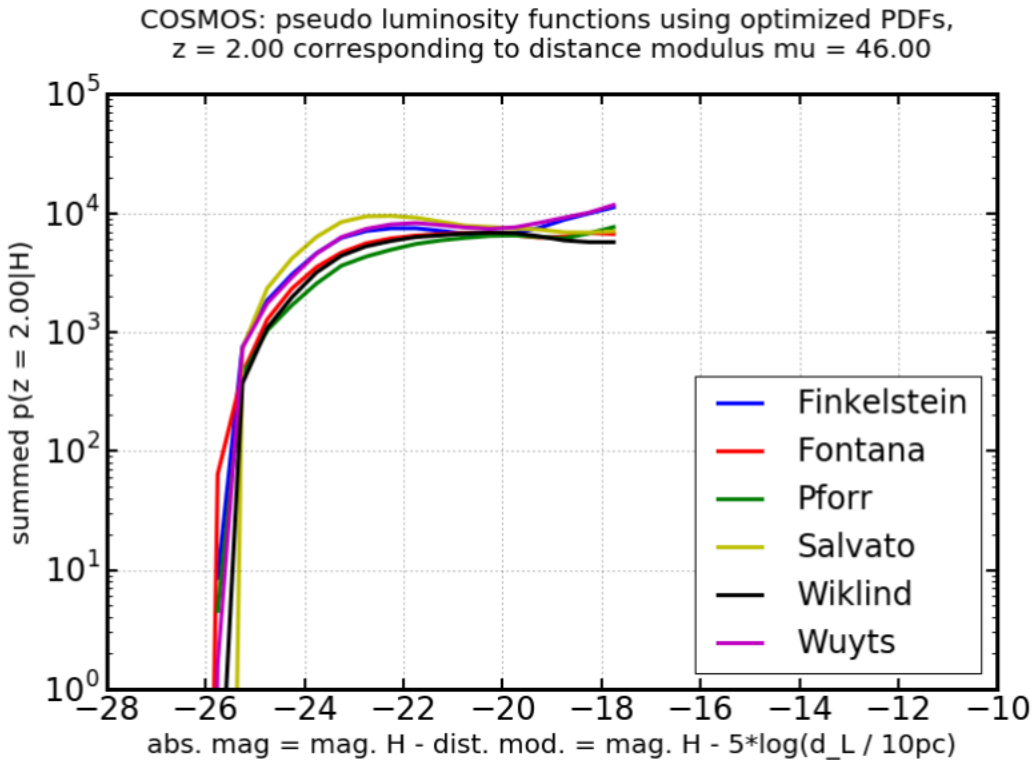
Pseudo LFs

Figure 24:



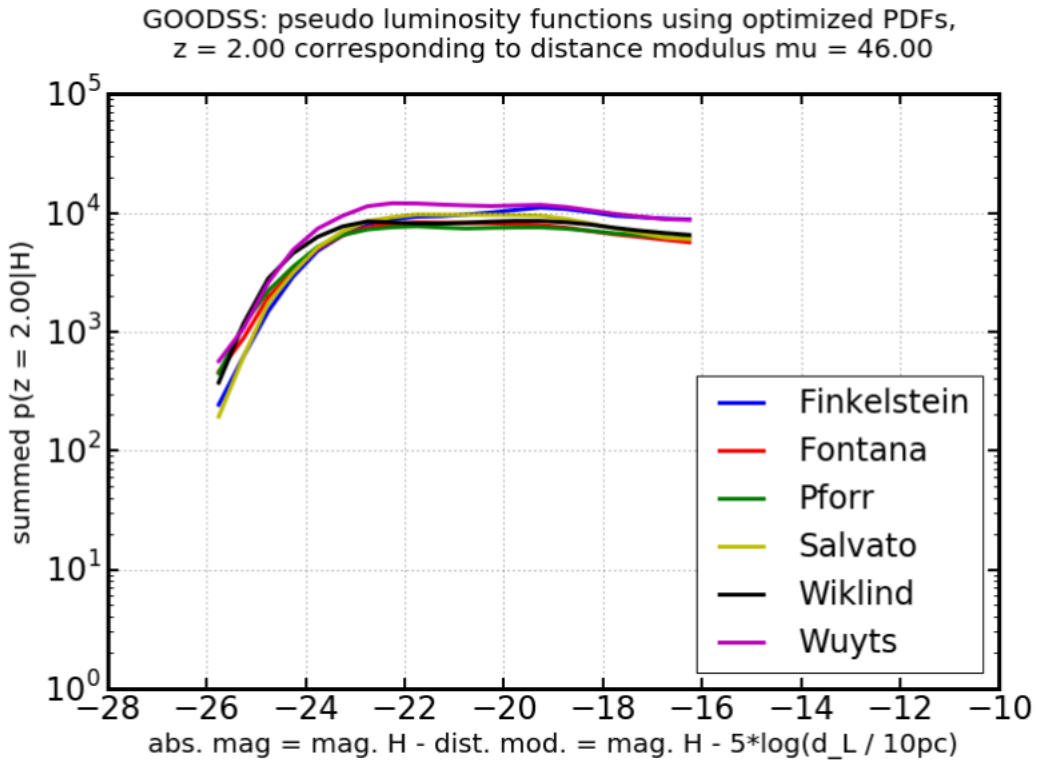
Pseudo LFs

Figure 24:



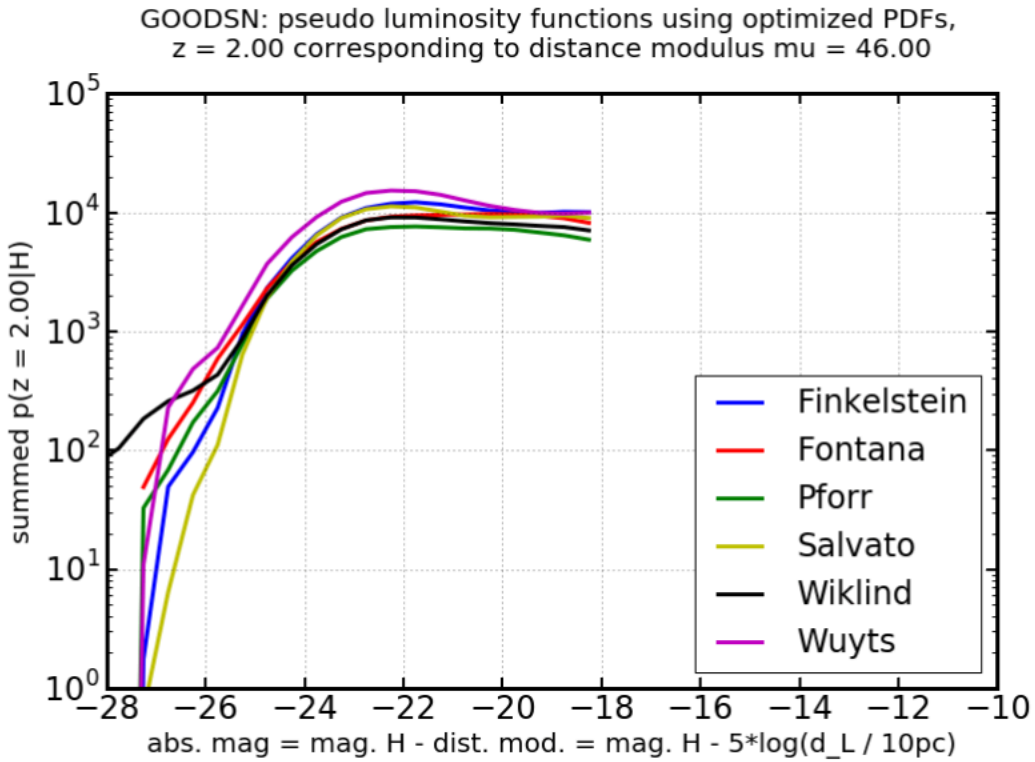
Pseudo LFs

Figure 24:



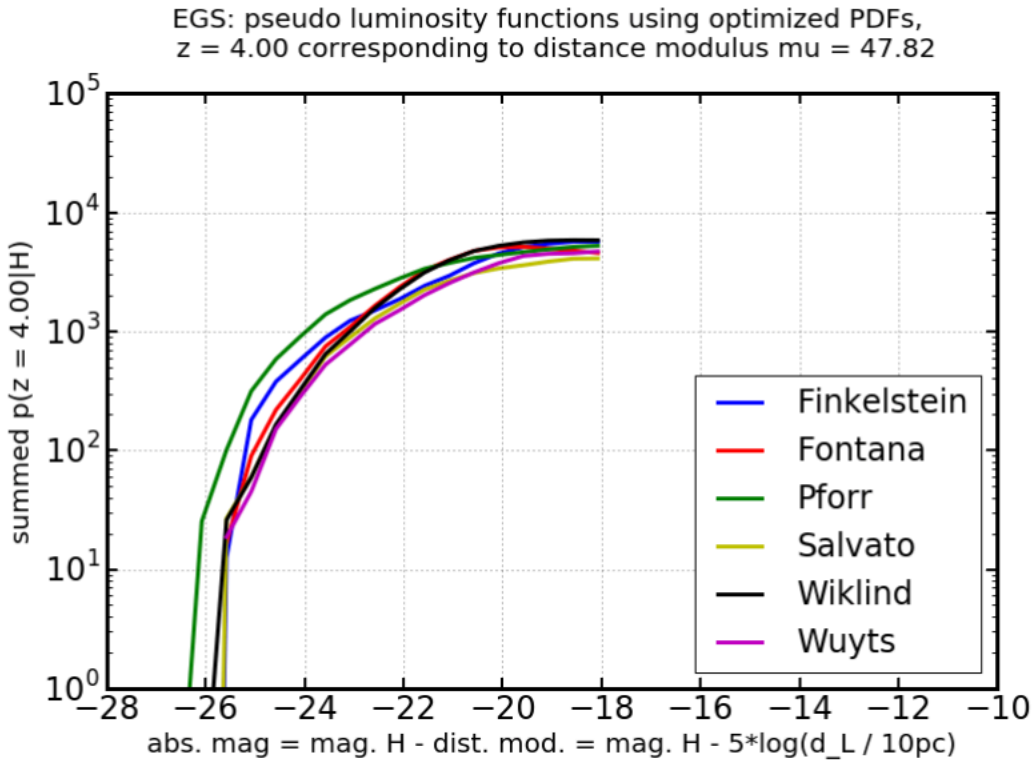
Pseudo LFs

Figure 24:



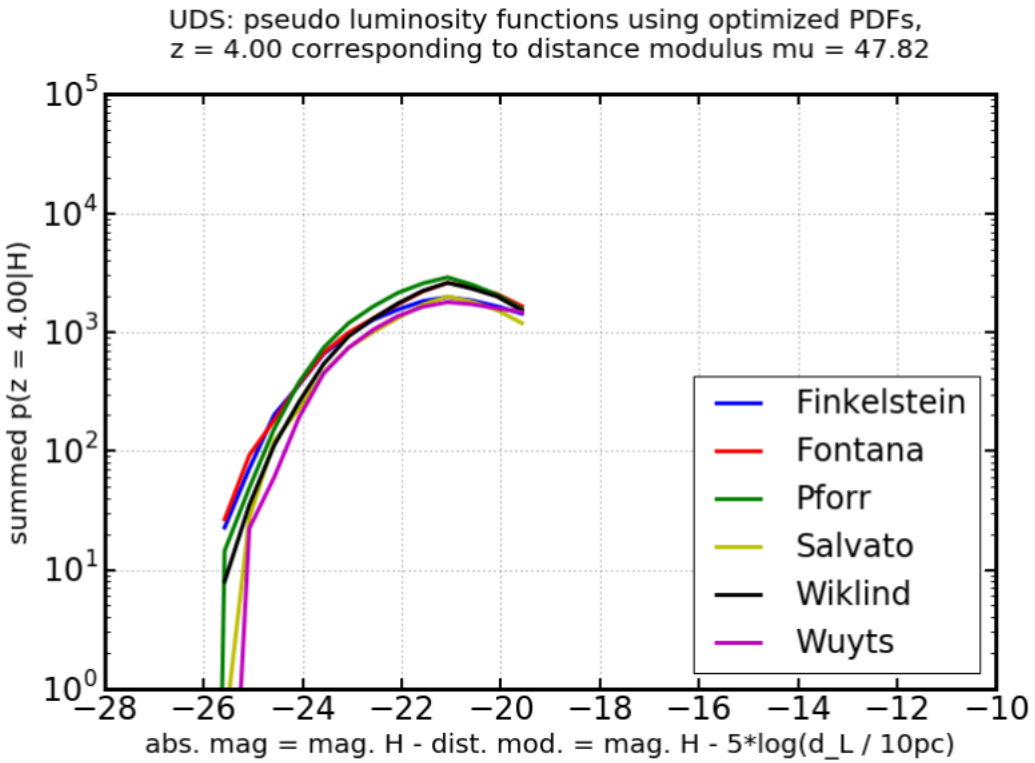
Pseudo LFs

Figure 28:



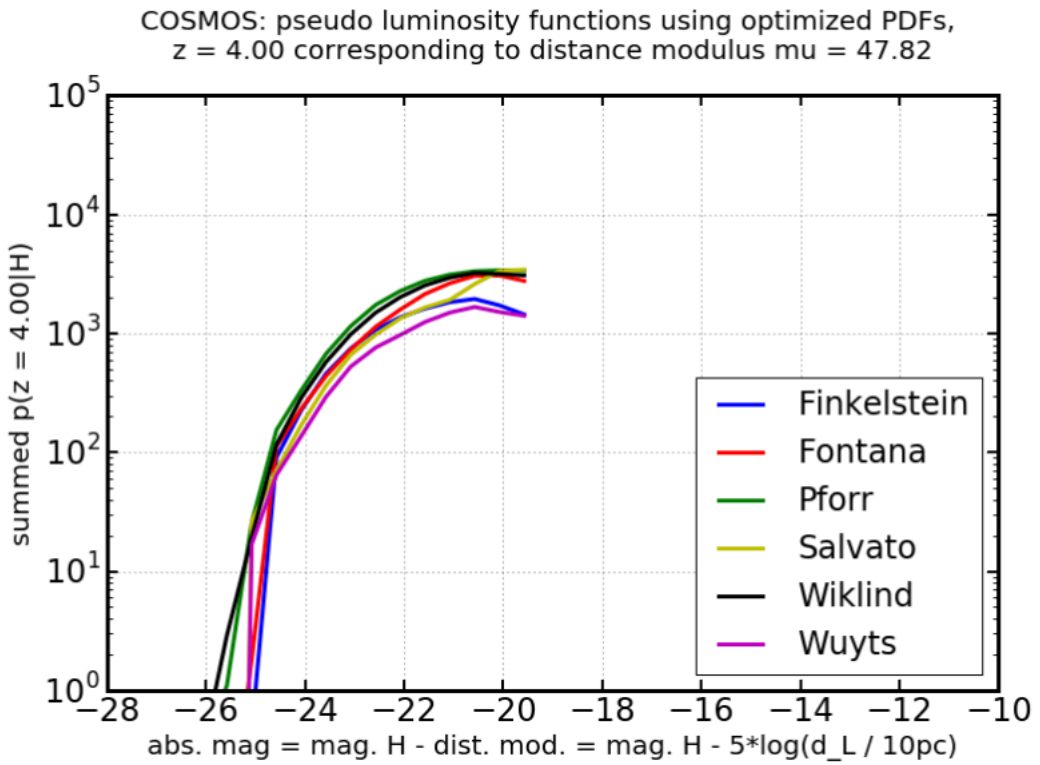
Pseudo LFs

Figure 28:



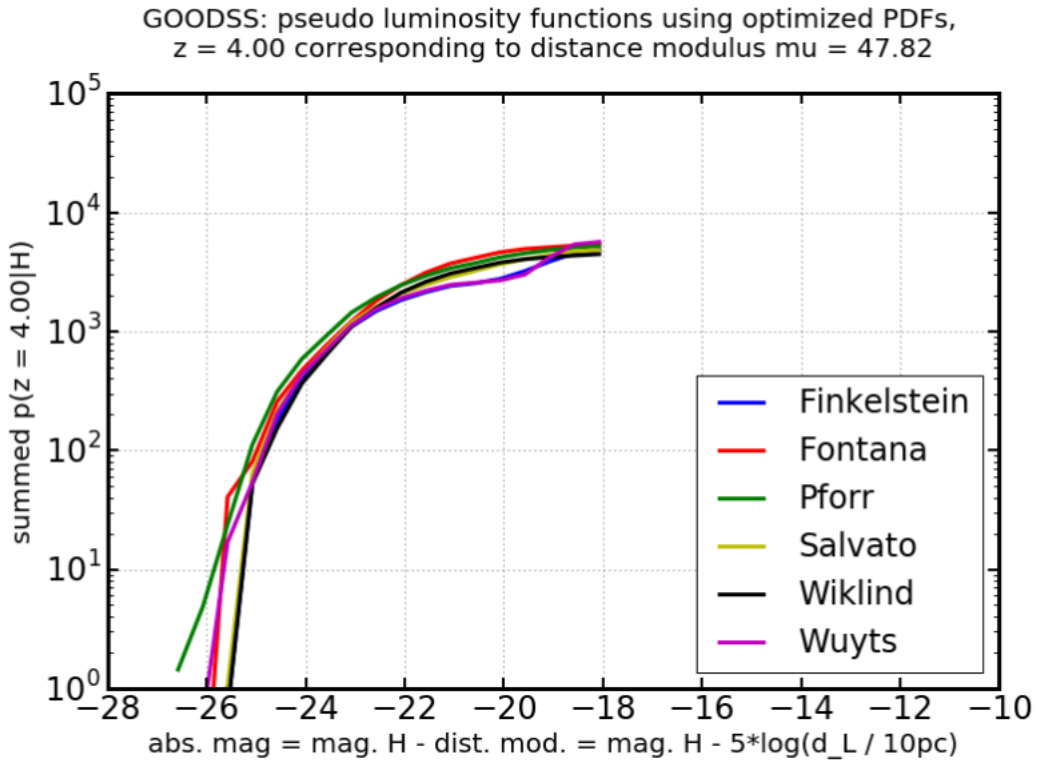
Pseudo LFs

Figure 28:



Pseudo LFs

Figure 28:



Pseudo LFs

Figure 28: