

# Probing Gas Flows Around Galaxies With Metals

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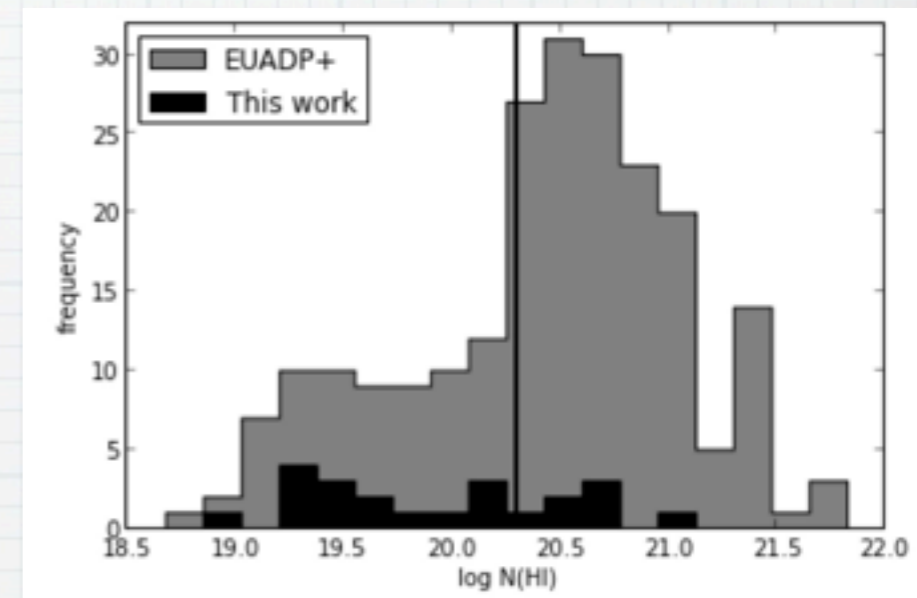
cnes

250 UVES/VLT quasar spectra

High resolution --> sub-DLA metallicity  
( $R=42000$ )

Voigt profile fits

Metallicity study



Quiret et al. (in prep)

85 subDLAs  
138 DLAs

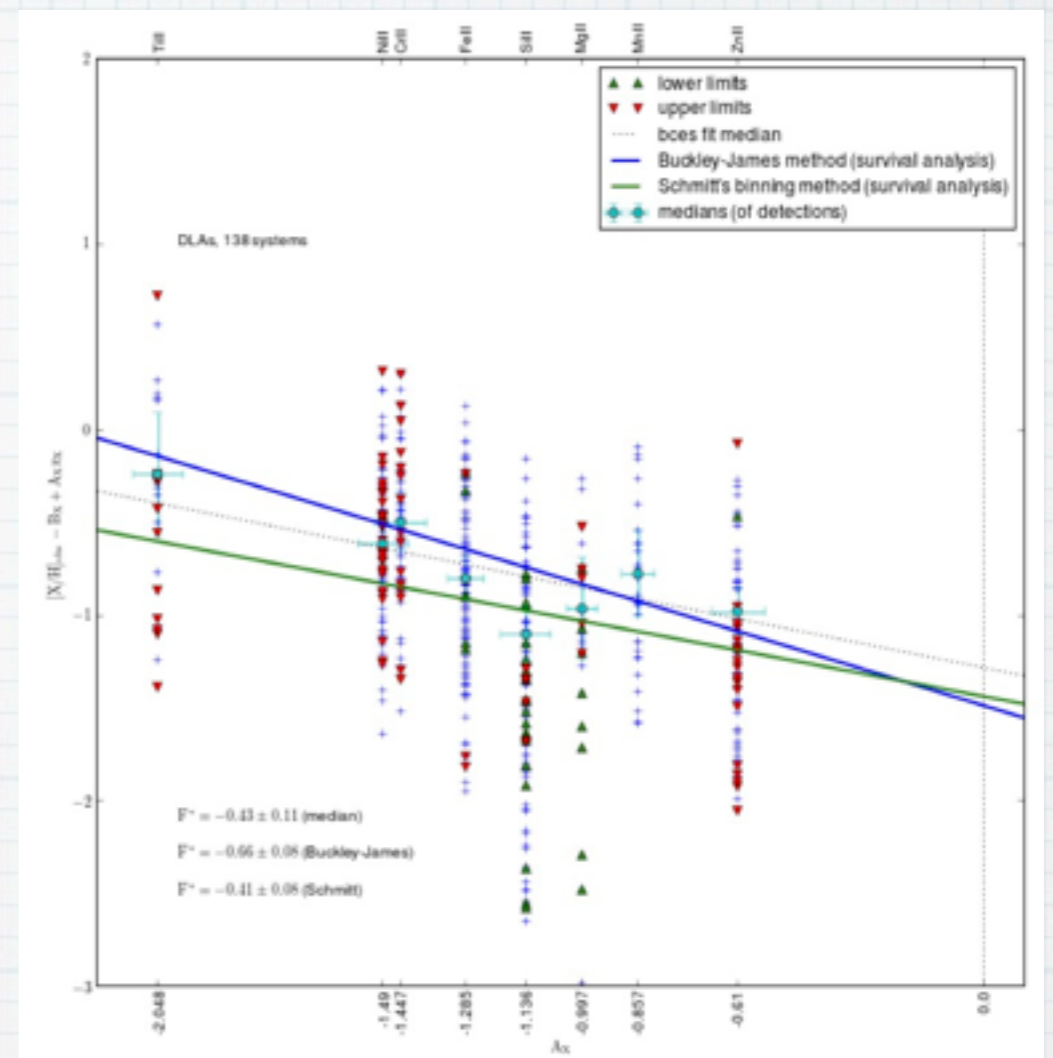


# Line of sight depletion analysis

apply Jenkins 2009 on DLA and sub-DLA sample

For both DLAs and sub-DLAs:  $F^* < 0$   
(Below MW los values)

--> Quasar absorbers differ from the Galactic depletion patterns



sub-DLAs as tracer  
for the CGM at low  
redshift?

Hints of bimodality in metallicity distribution

