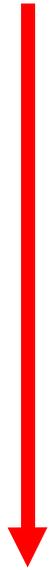


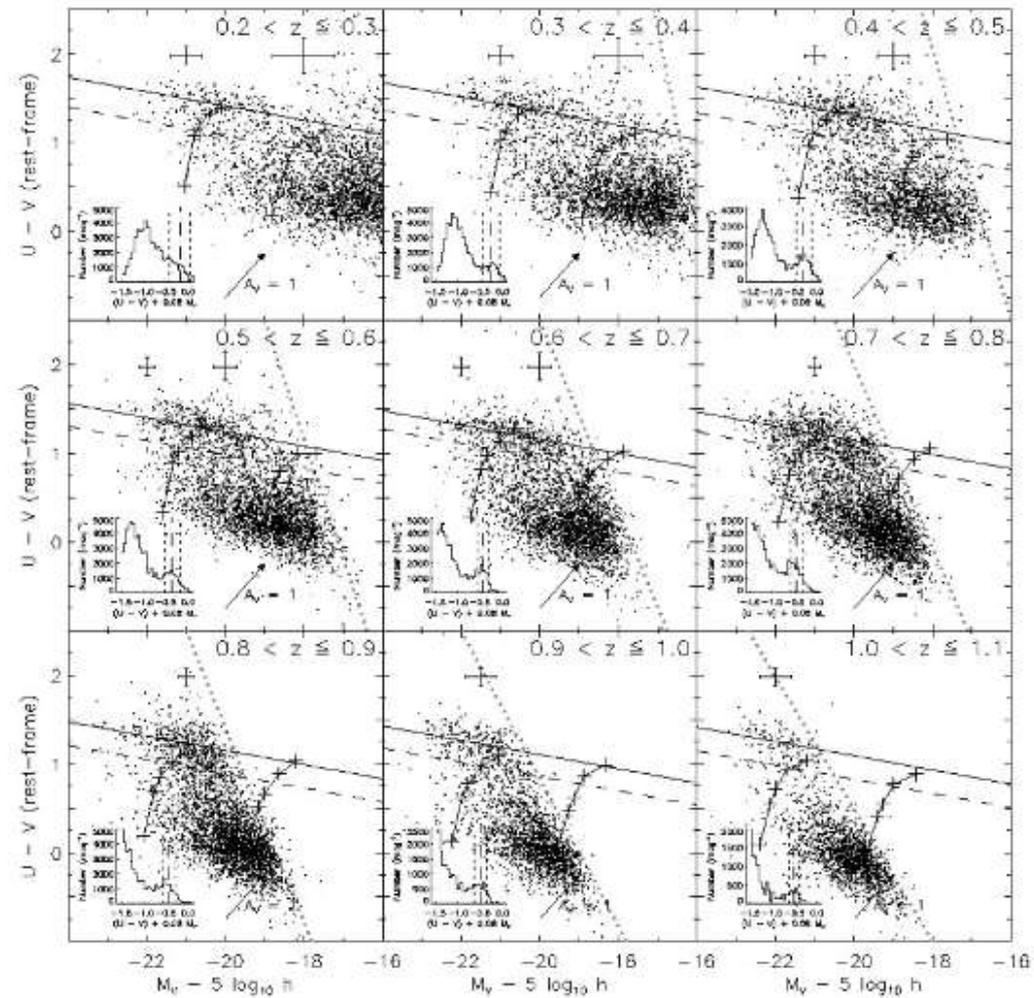
REST-FRAME COLOR BIMODALITY

Bologna SM

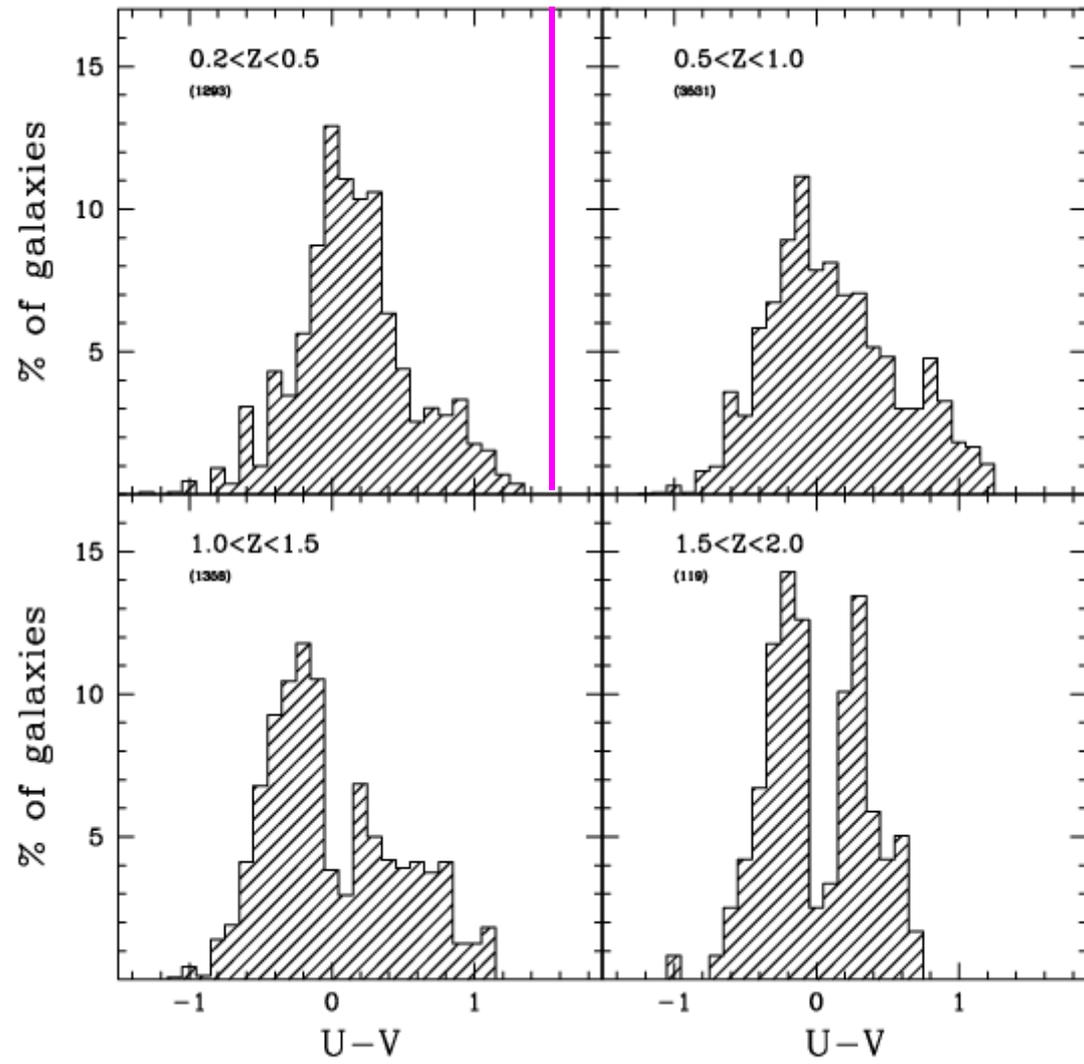
- Lack of quantification of the results
- Need for comparison with other works



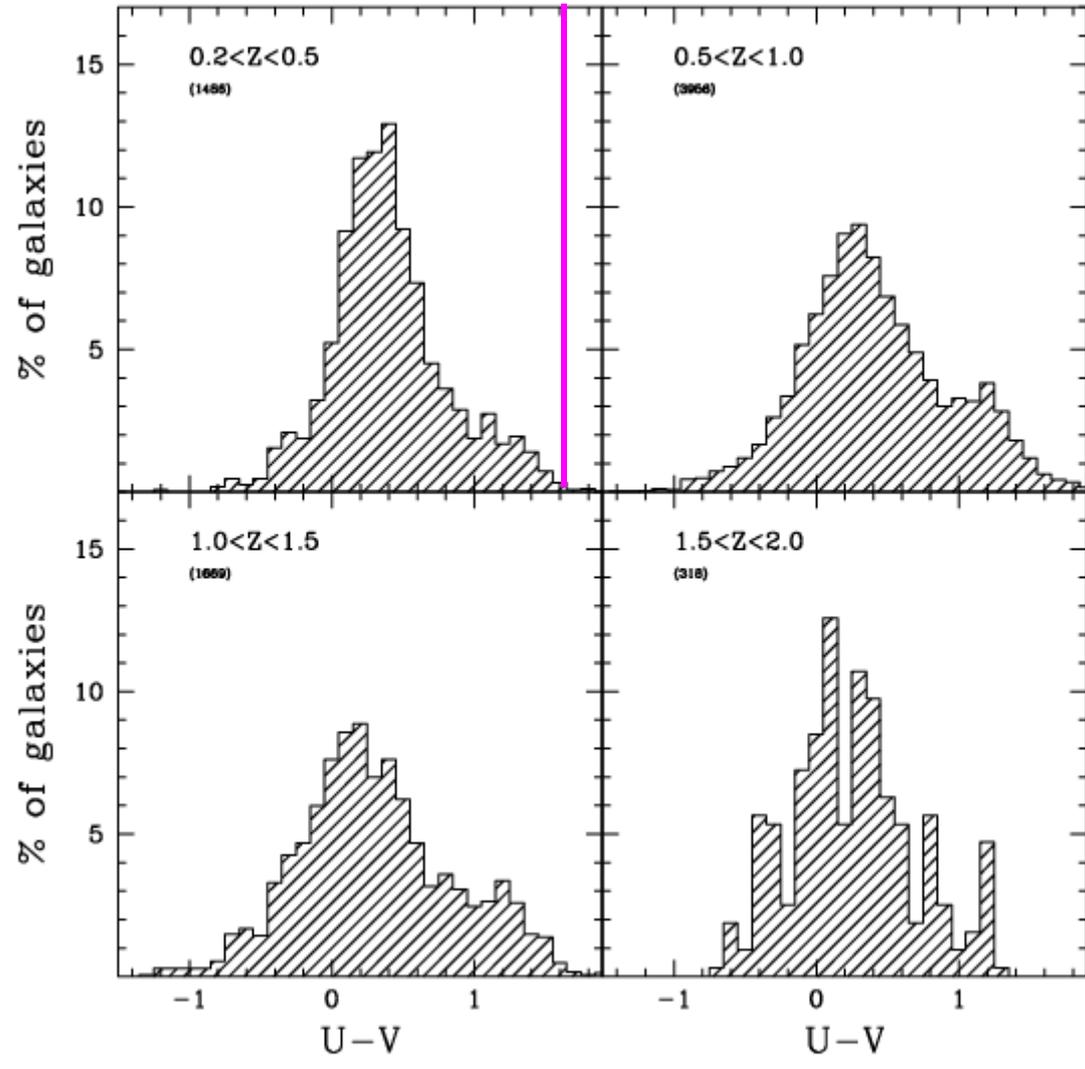
Bell et al. 2004 (COMBO-17 data)



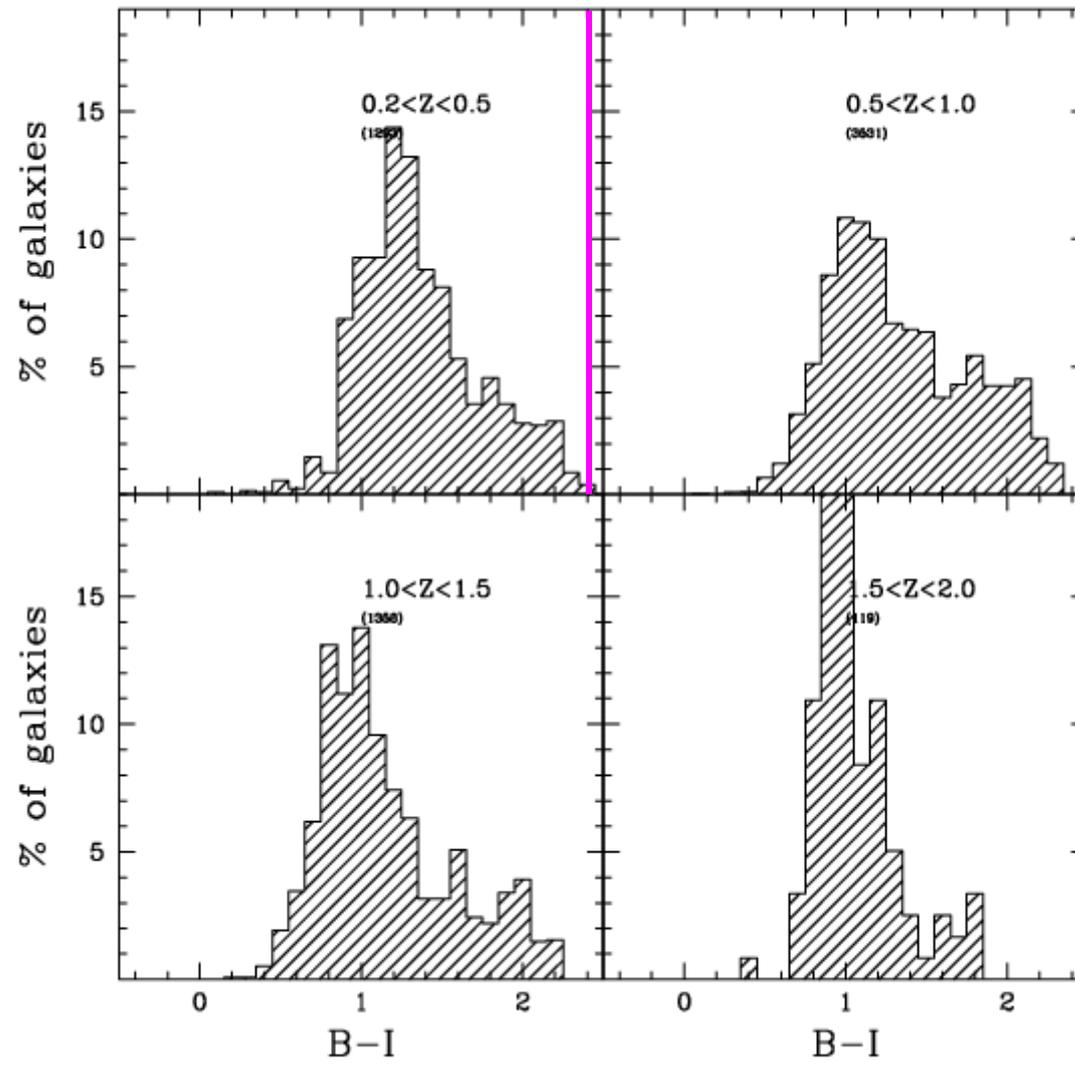
PF COLORS



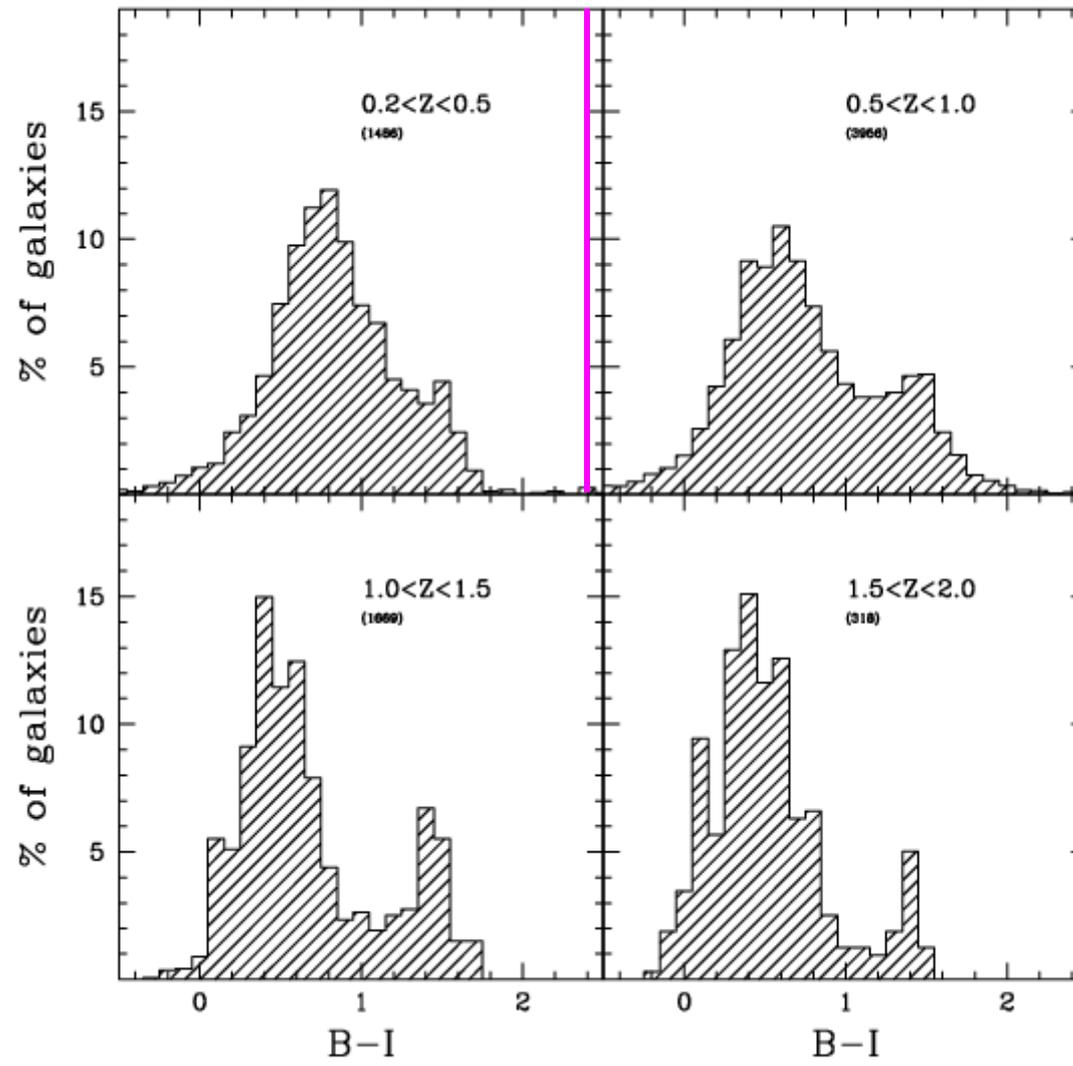
OI COLORS



PF COLORS



OI COLORS

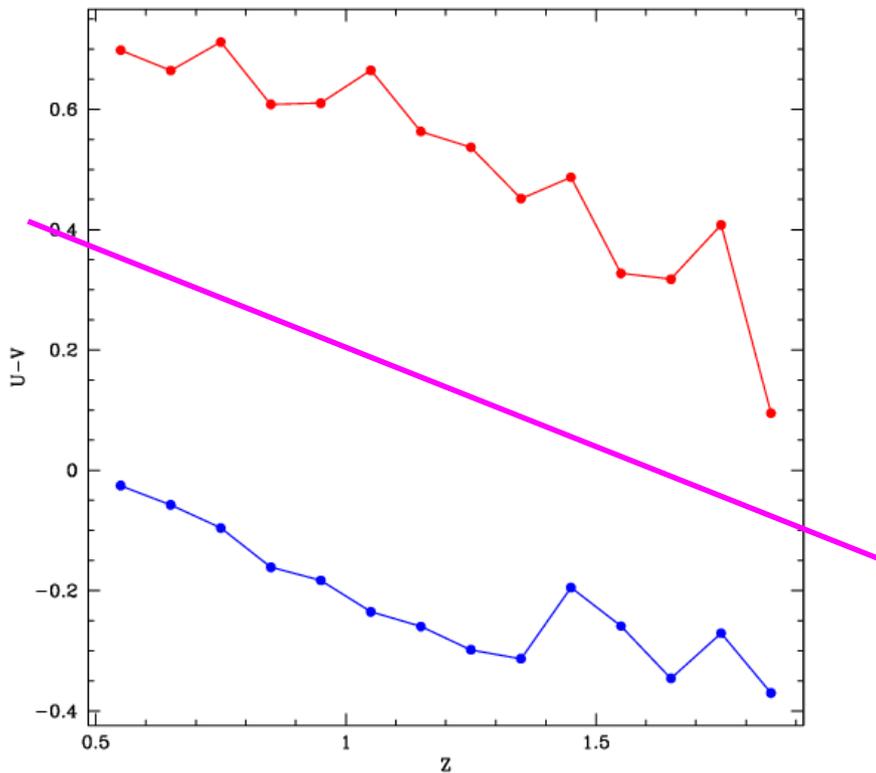


- Bimodality quantification

KMM code

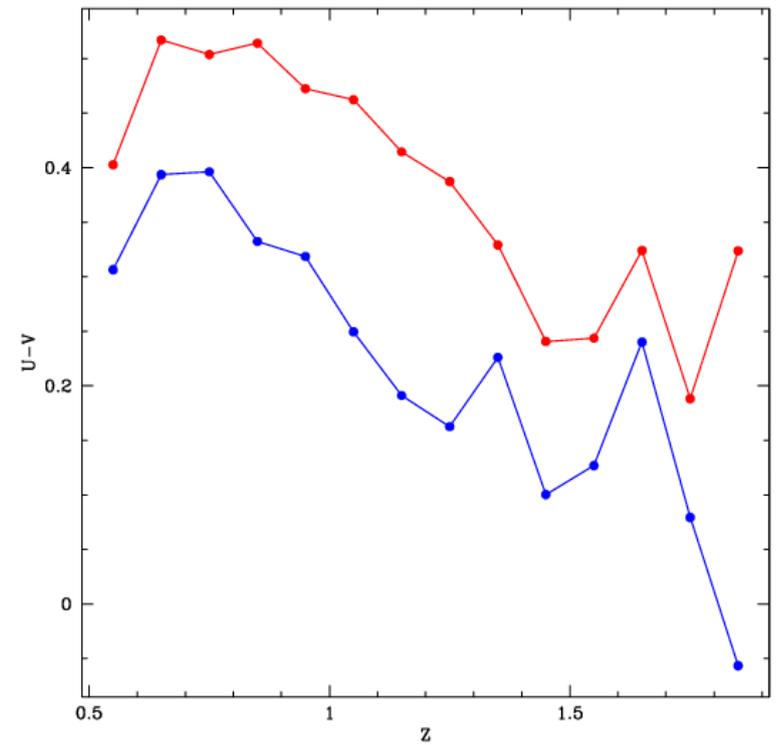
Detecting bimodality in astronomical datasets
Ashman, K. M.; Bird, Christina M., Zepf, S. E.
(1994AJ....108.2348A

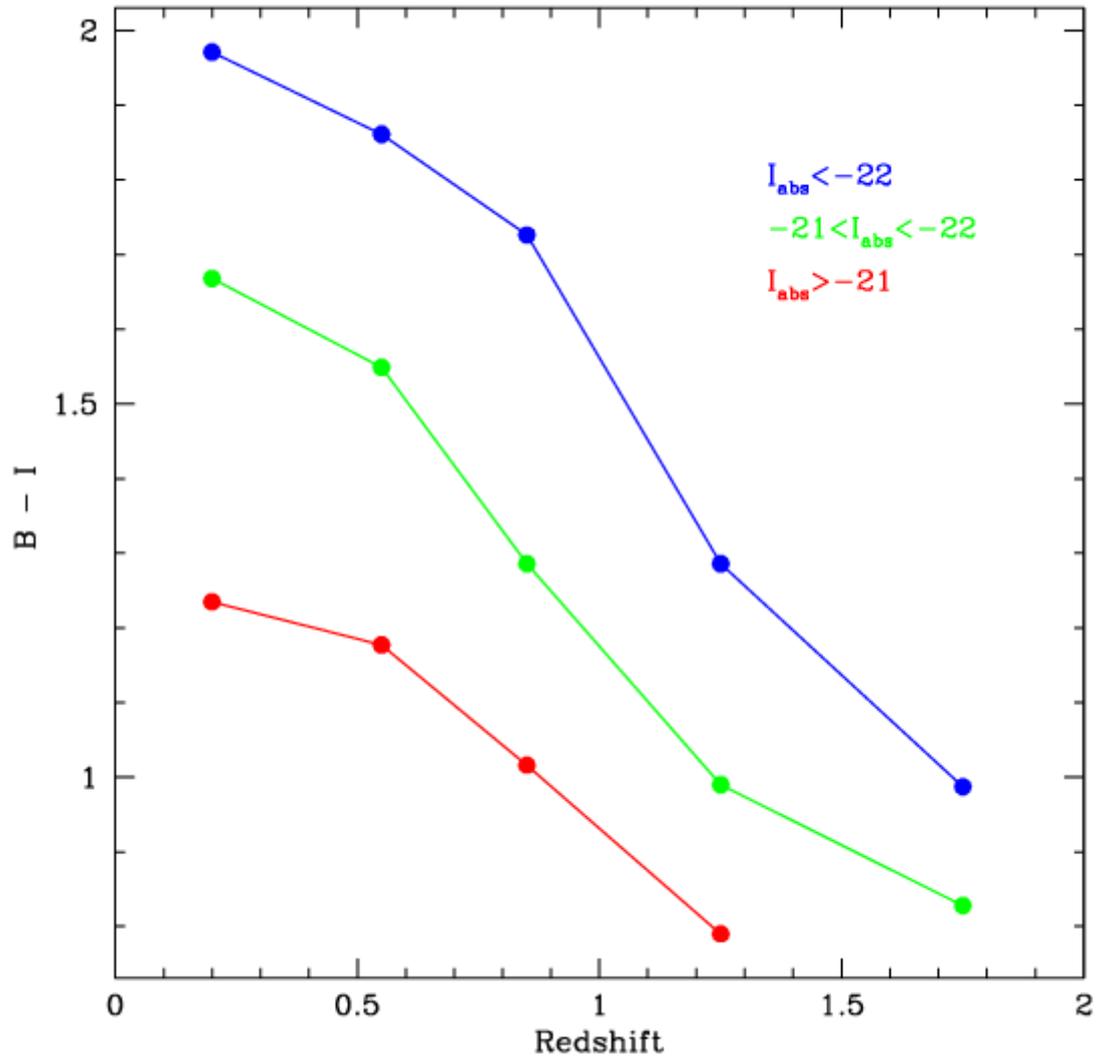
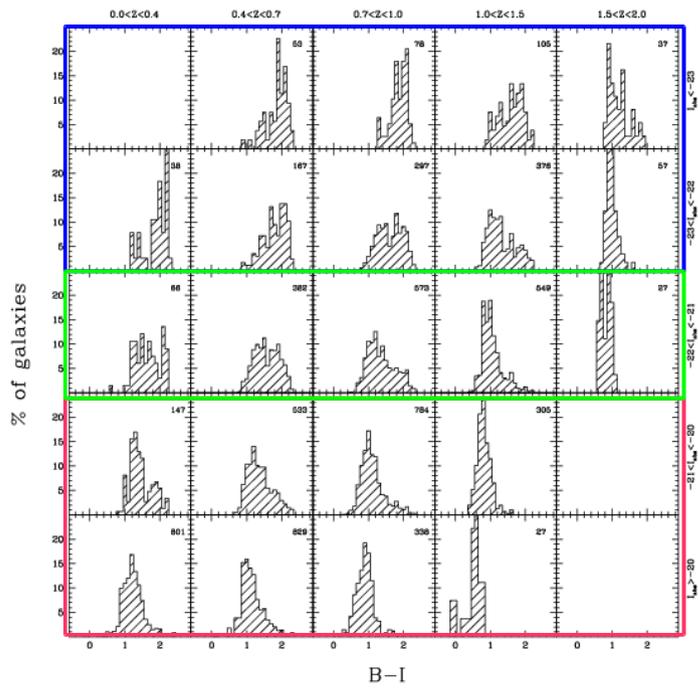
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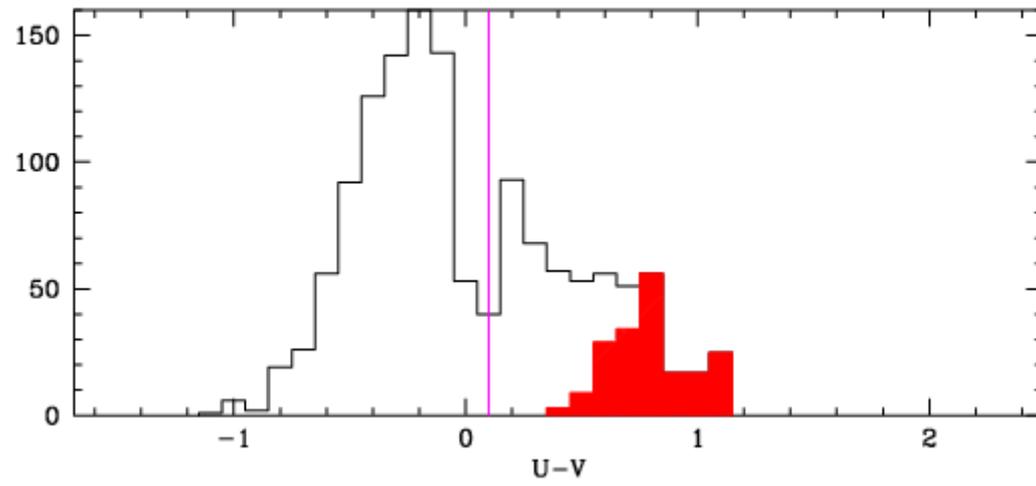
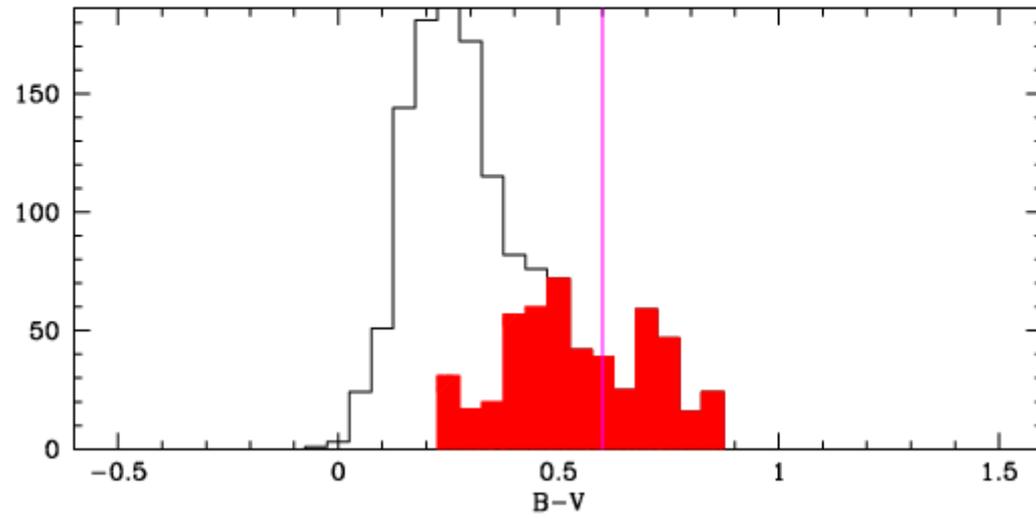
U-V

OI

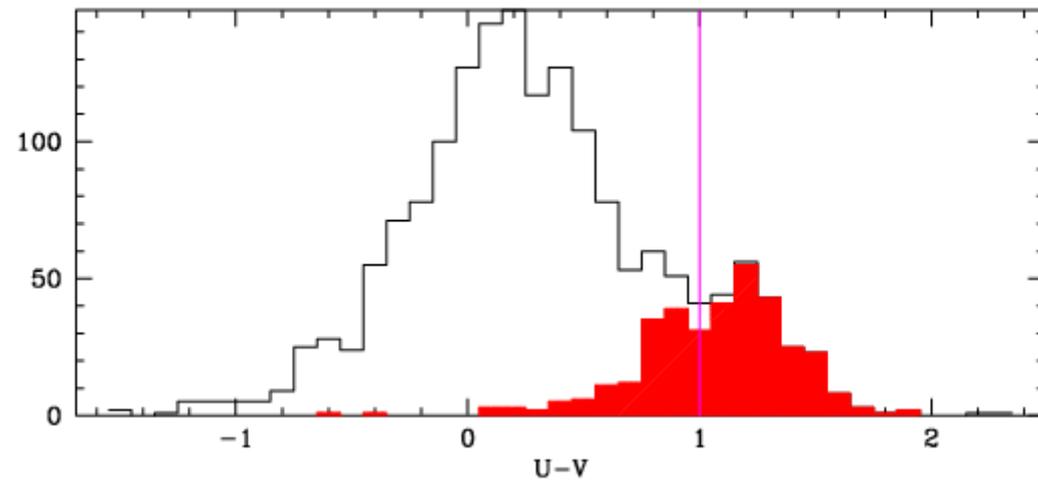
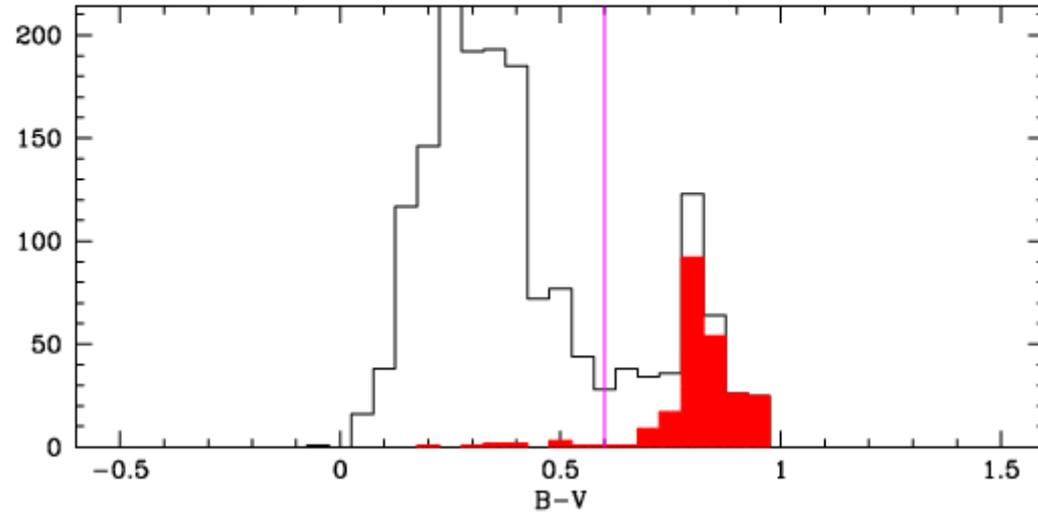




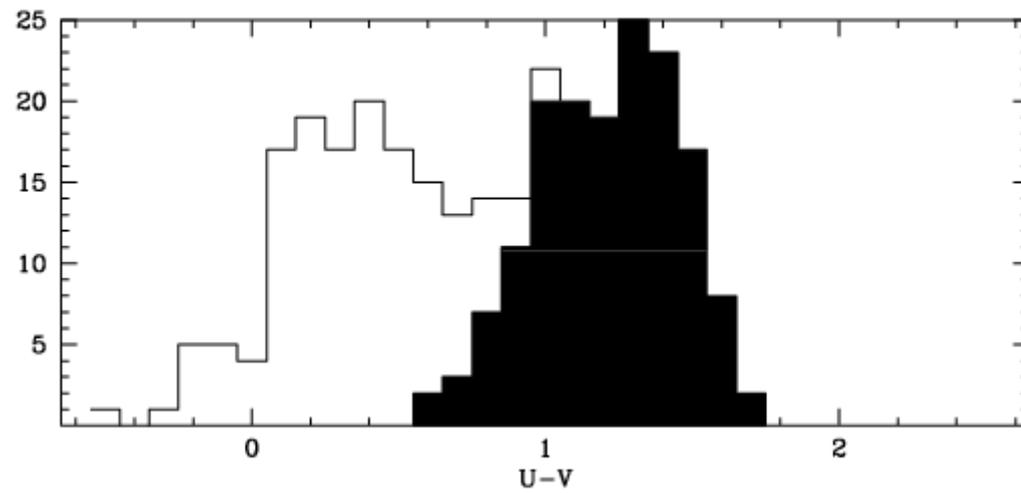
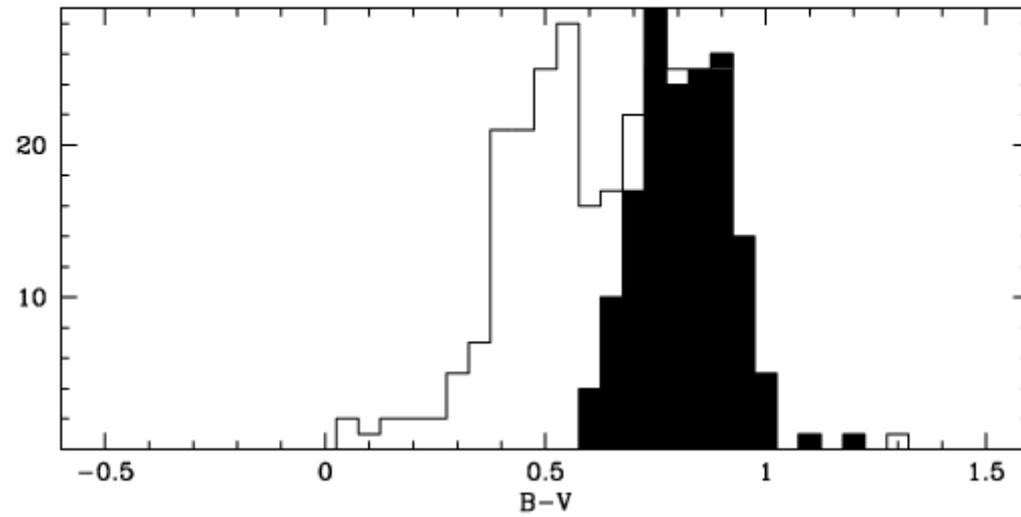
PF



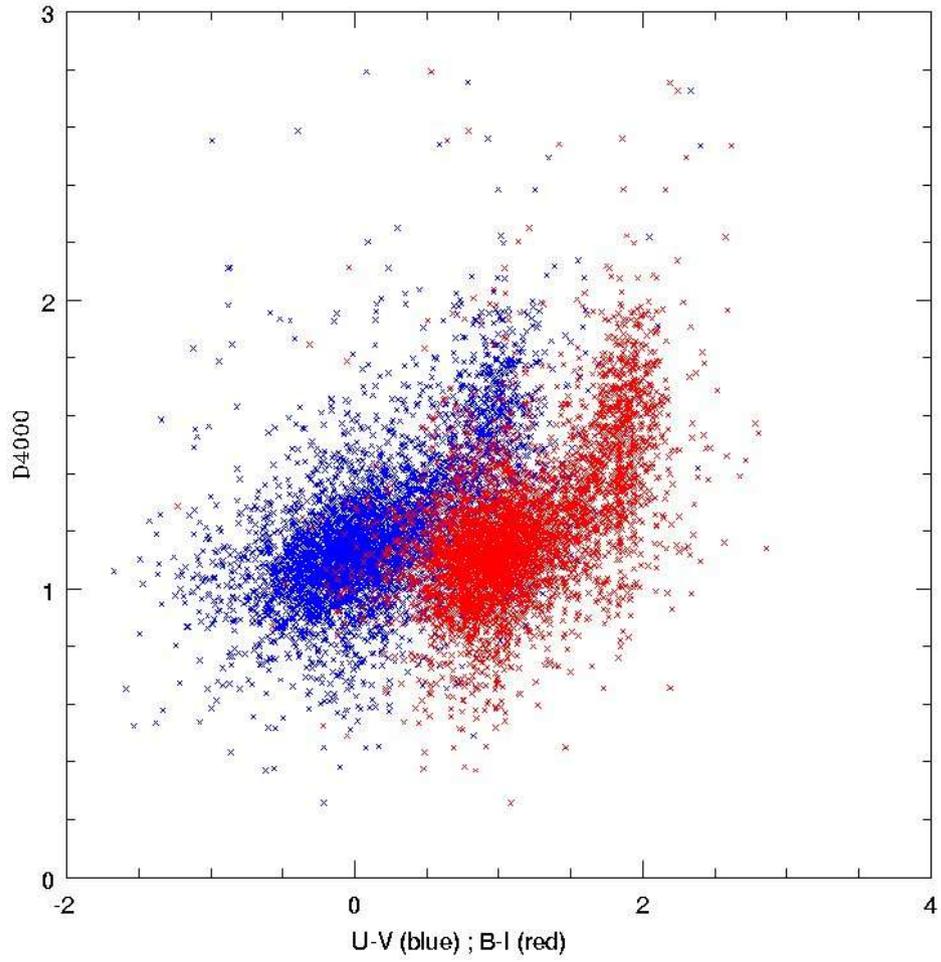
OI



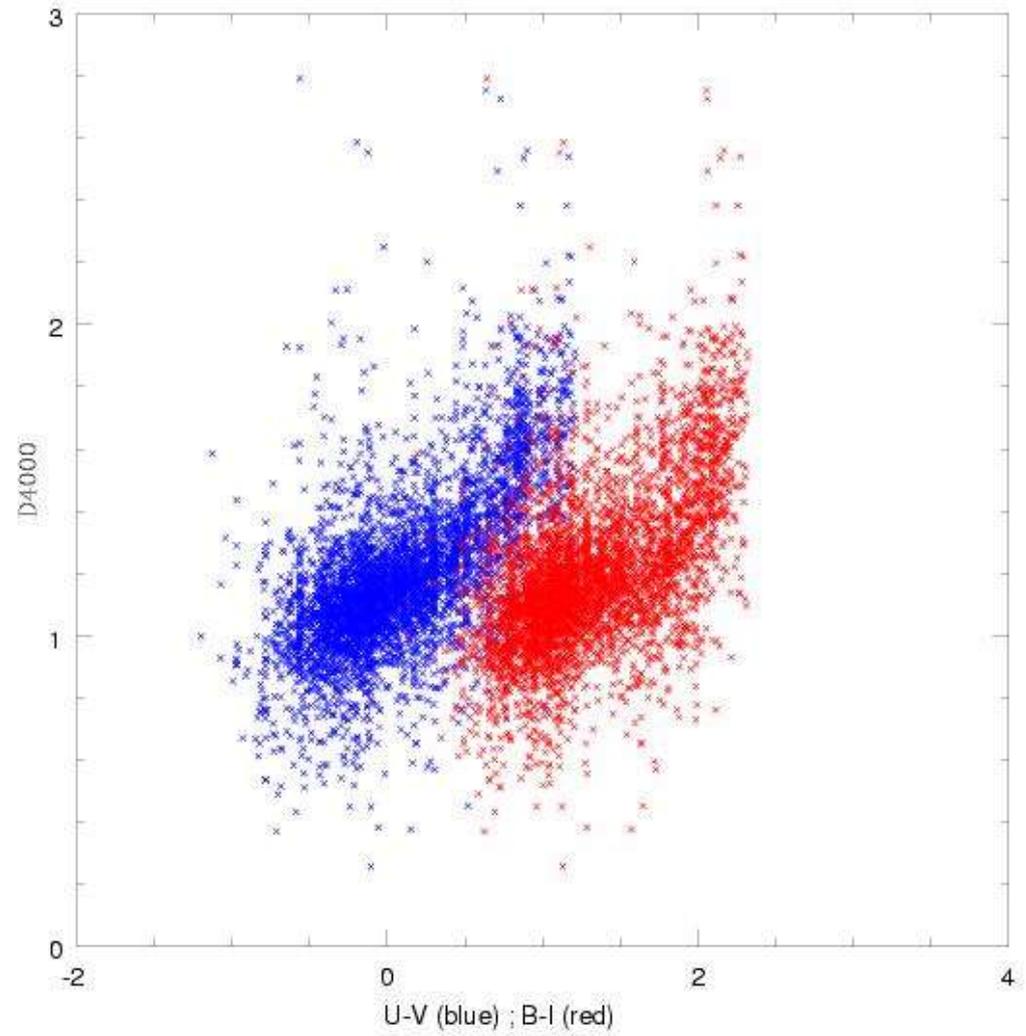
LOCAL UNIVERSE (VIRGO CLUSTER)



OI



PF



- Colors differences

- Between the two methods

- Between different colors in the same method

- “Bad color” Good bimodality

- Bimodality quantification and identification of the two population

- Color dependence?

- How we can define our blue and red populations?

- Simple methods (Bell) are reliable?

