S-PLUS: Emission line objects in the southern photometric local Universe survey

L. A. Gutiérrez-Soto,[1][*] Second Author,[2] Third Author[2,3] and Fourth Author[3]

[1]*Departamento de Astronomia, IAG, Universidade de Sõa Paulo, Rua do Mataõ, 1226, 05509-900, Sõa Paulo, Brazil*

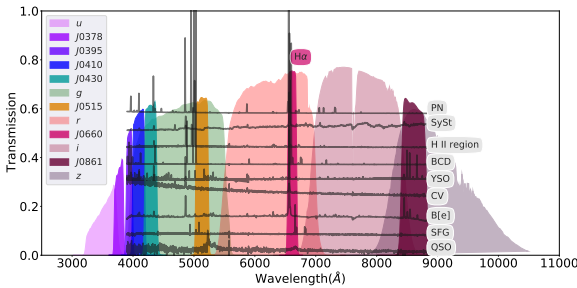[2]*Department, Institution, Street Address, City Postal Code, Country*

[3]*Another Department, Different Institution, Street Address, City Postal Code, Country*

ABSTRACT

The emission line objects are very important objects in astronomy because

Key words: keyword1 – keyword2 – keyword3

Figure 1. Transmission curves...

1 INTRODUCTION

Large-scale Hα imaging surveys have traditionally focused on extended emission-line sources,

2 OBSERVATIONS

The S-PLUS survey is a multi-band photometric survey...

3 METHODOLOGY

Witham et el. (2008) present a catalogue of point-sources H emission objects identified in IPHAS.

Appliyng the selection criteria to selecting Hα emitters. We used the same procedure in Wevers et al. (2017). The objects with Hα excess meet the condition:

$$(r - J0660)_{obs} - (r - J0660)_{fit} \geq C \times \sqrt{\sigma_s^2 - \sigma_{phot}^2}$$

where σ_s is the root mean squared value of the residuals around the fit and σ_{phot} is the error on the observed $(r - J0660)$ colour

Firts see an aproximation of the 4σ cut away from the ariginal fit.

3.1 Maths

3.2 Figures and tables

4 RESULTS

5 CONCLUSIONS

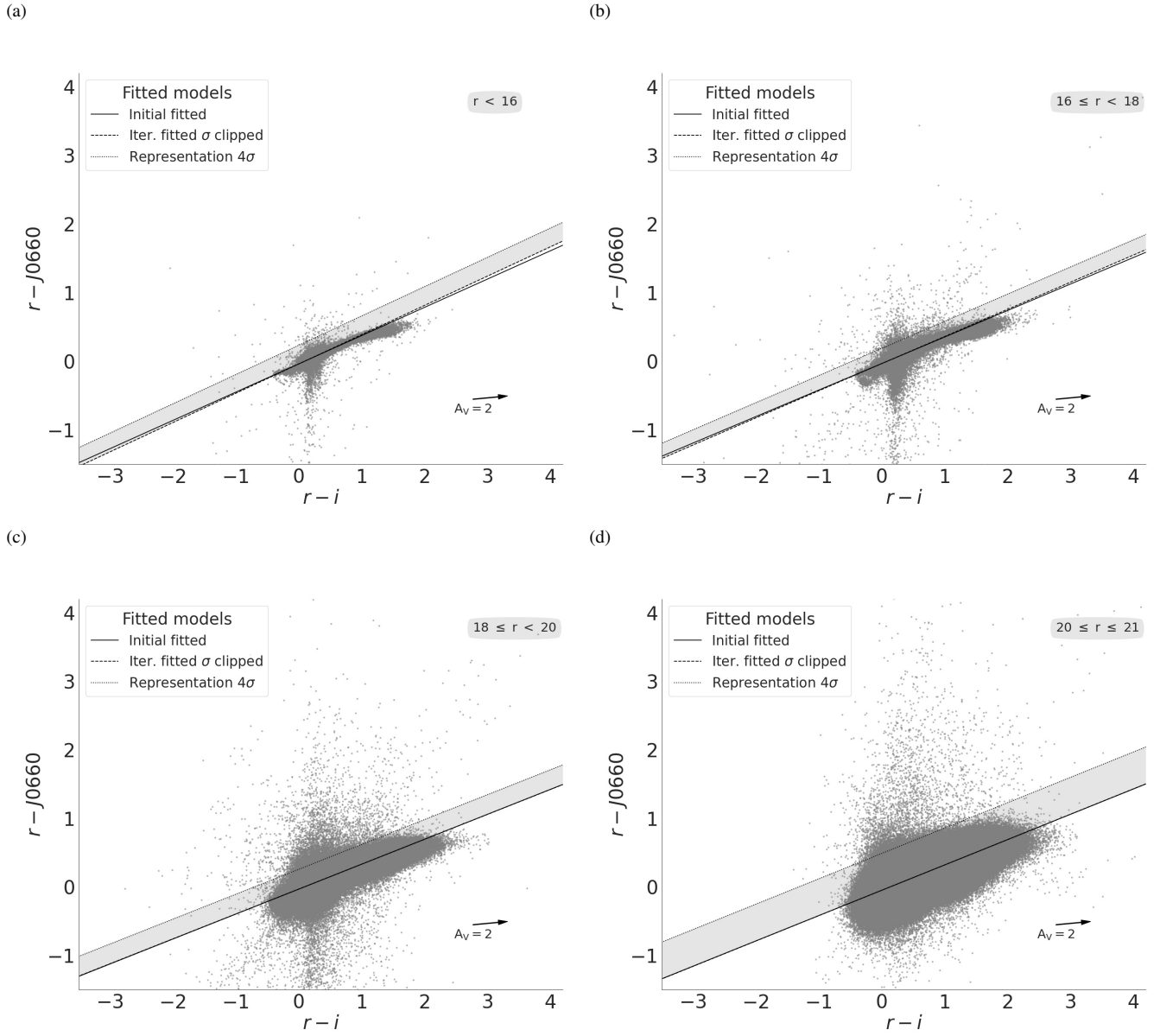We have found a important sample of emission line objects.

ACKNOWLEDGEMENTS

DATA AVAILABILITY

REFERENCES
APPENDIX A: SOME EXTRA MATERIAL

This paper has been typeset from a TeX/LaTeX file prepared by the author.

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[*] E-mail: gsoto.angel@gmail.com

(a)

(b)

(c)

(d)

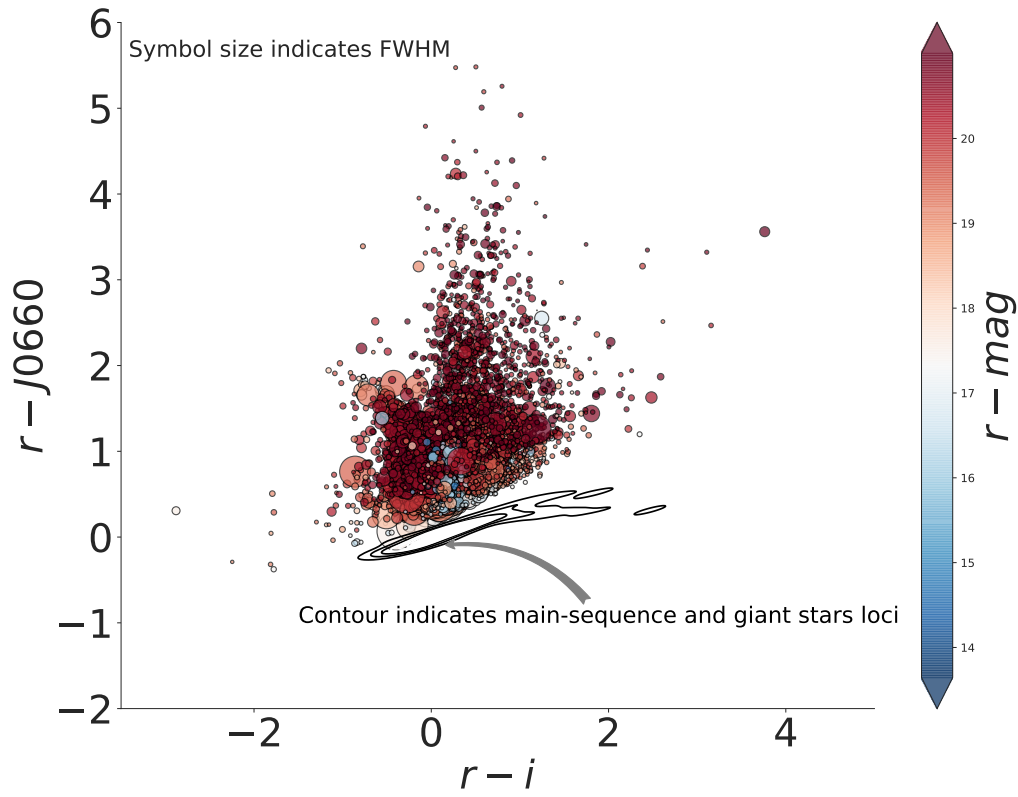**Figure 2.** Color-color diagrams with all objects...

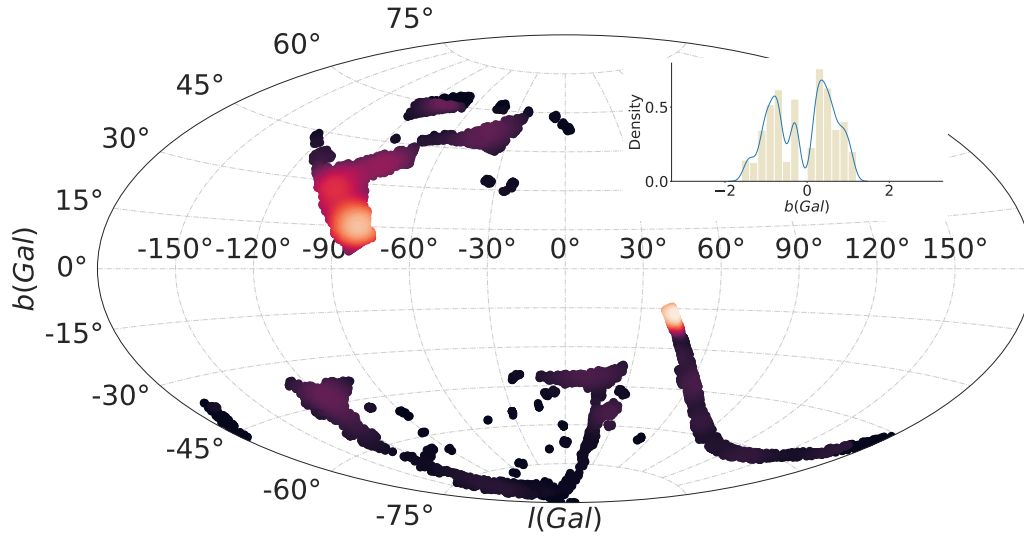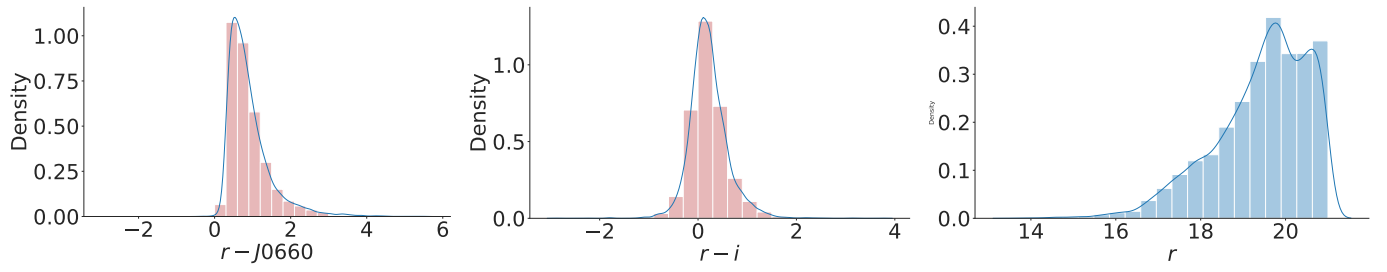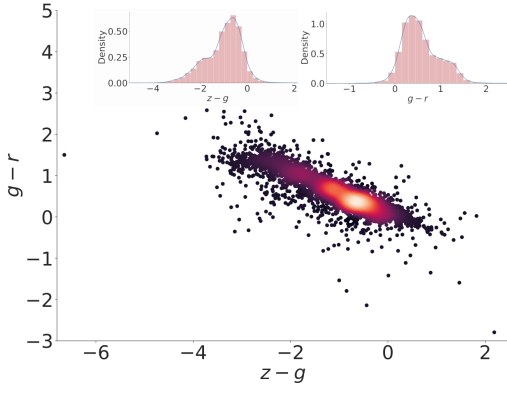**Figure 3.** Emission lines selected...

Figure 4. This is my embedded figure

Figure 5. Emission lines selected...

Figure 6. Emission lines selected...