

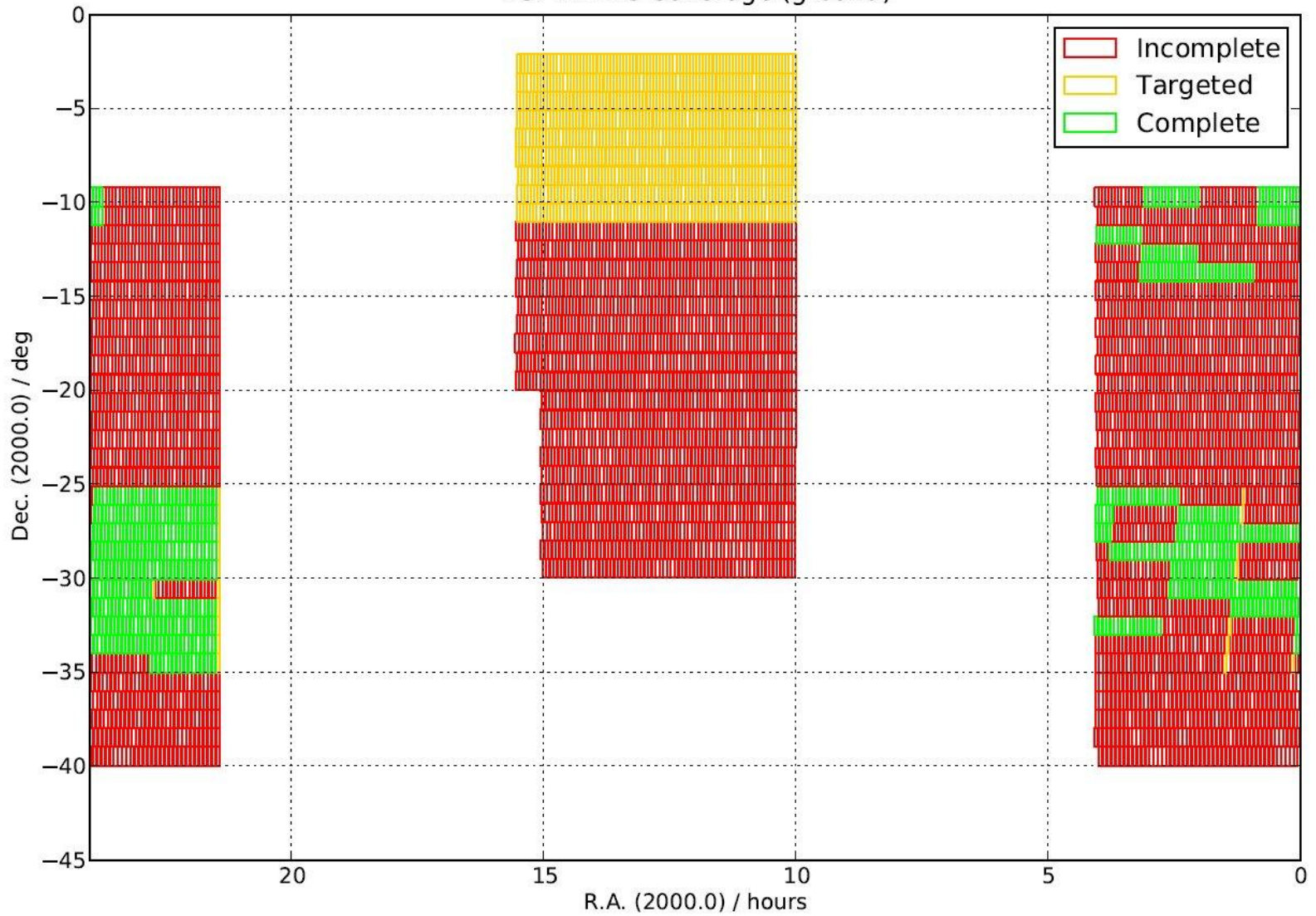
VST Calibration



Available Data

- Tiles overlap by 2 arcmin in both RA & Dec
- Two exposures per tile, offset
- Short exposure photometric standard fields
- One photometric strip at -30 deg (~16 deg long) to overlap with DES Pre-Cam

VST ATLAS Coverage (g-band)



Standard fields

Fermilab: http://www-star.fnal.gov/Southern_ugriz/index.html

- 22h -30 u (10s & 30s), g(10s & 25s), r, i, z (10s & 20s)
- 02h -30 ditto
- 00h -30 (not yet observed)

u', g', r', i', z' AB mags

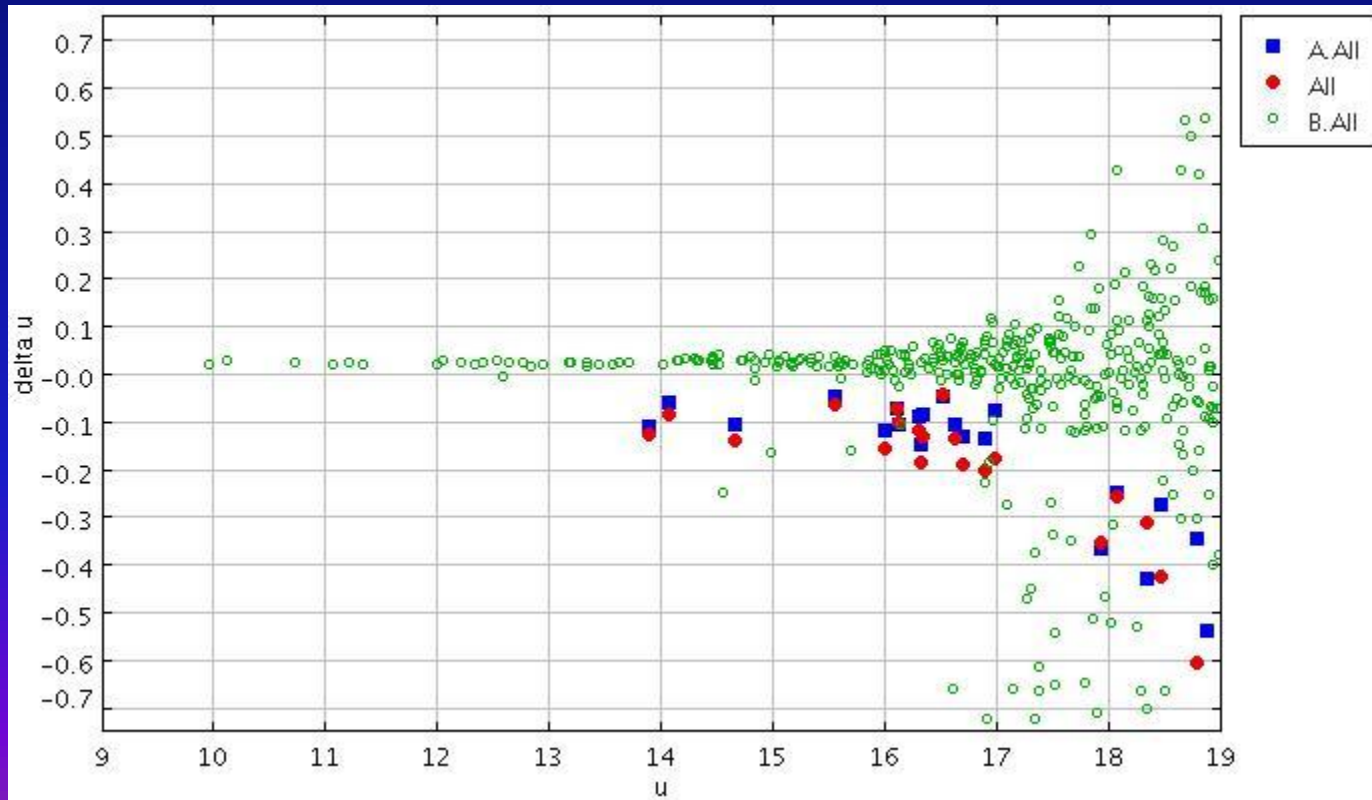
These fields overlap normal ATLAS fields

02h-30 u-band

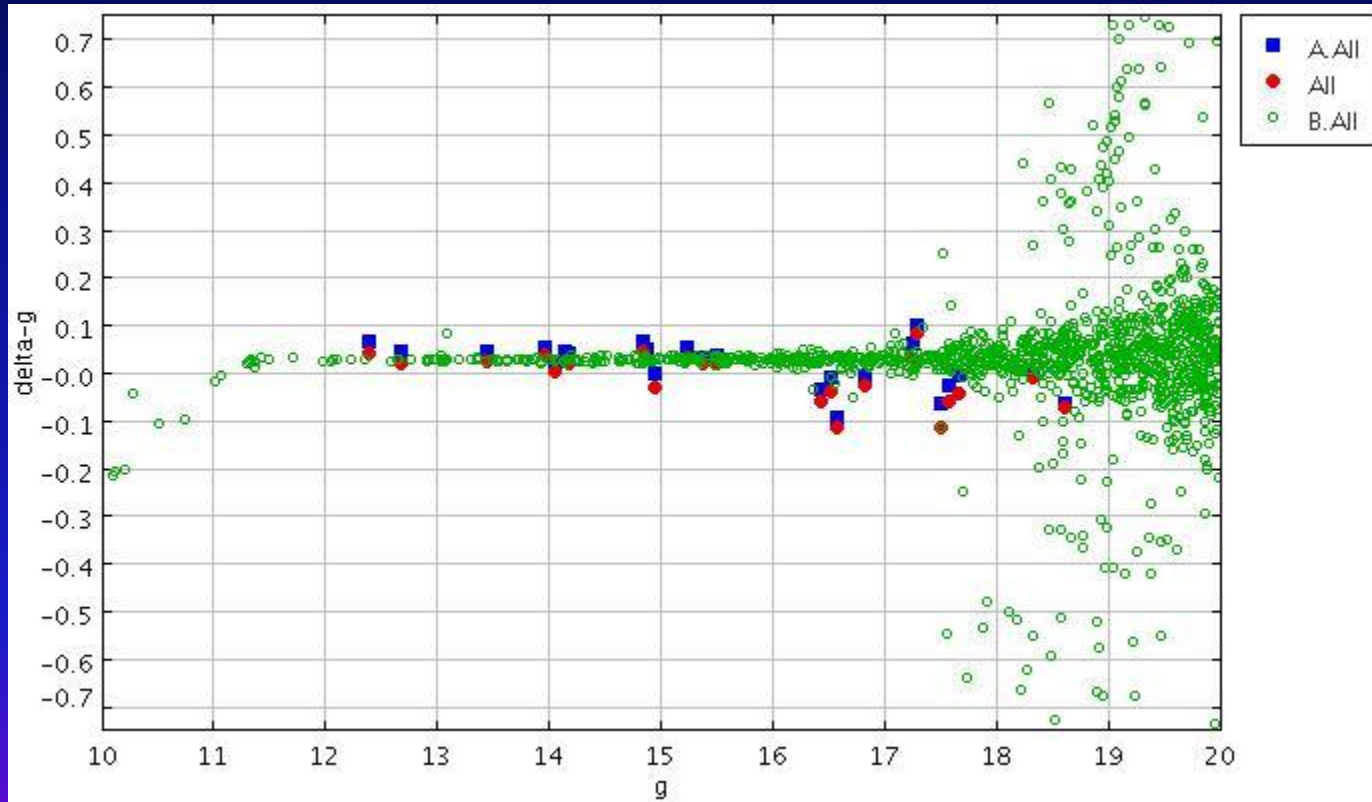
Green- short v long exposure, CASU catalogues

Red/blue – short & long v standard

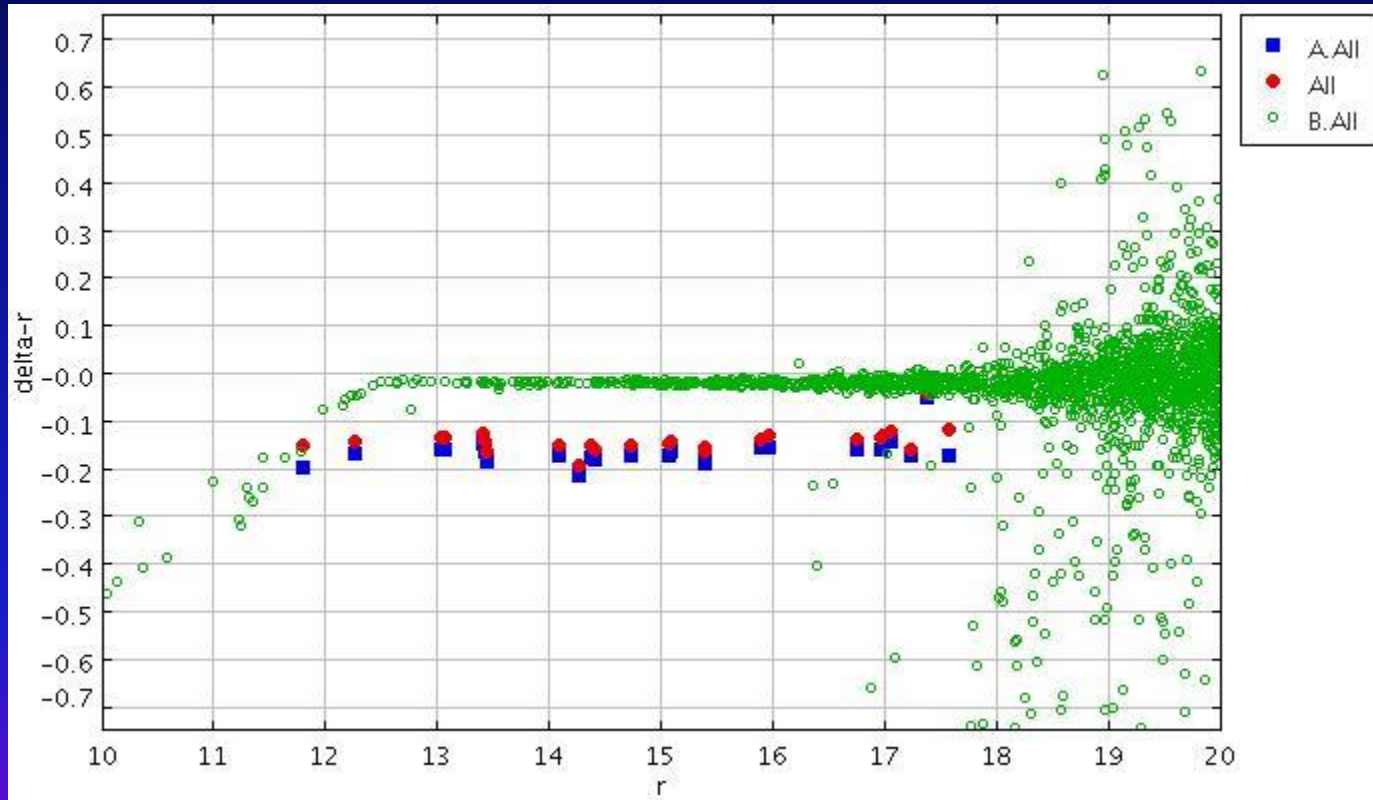
(CASU is `APER_FLUX_5` corrected to total and AB)



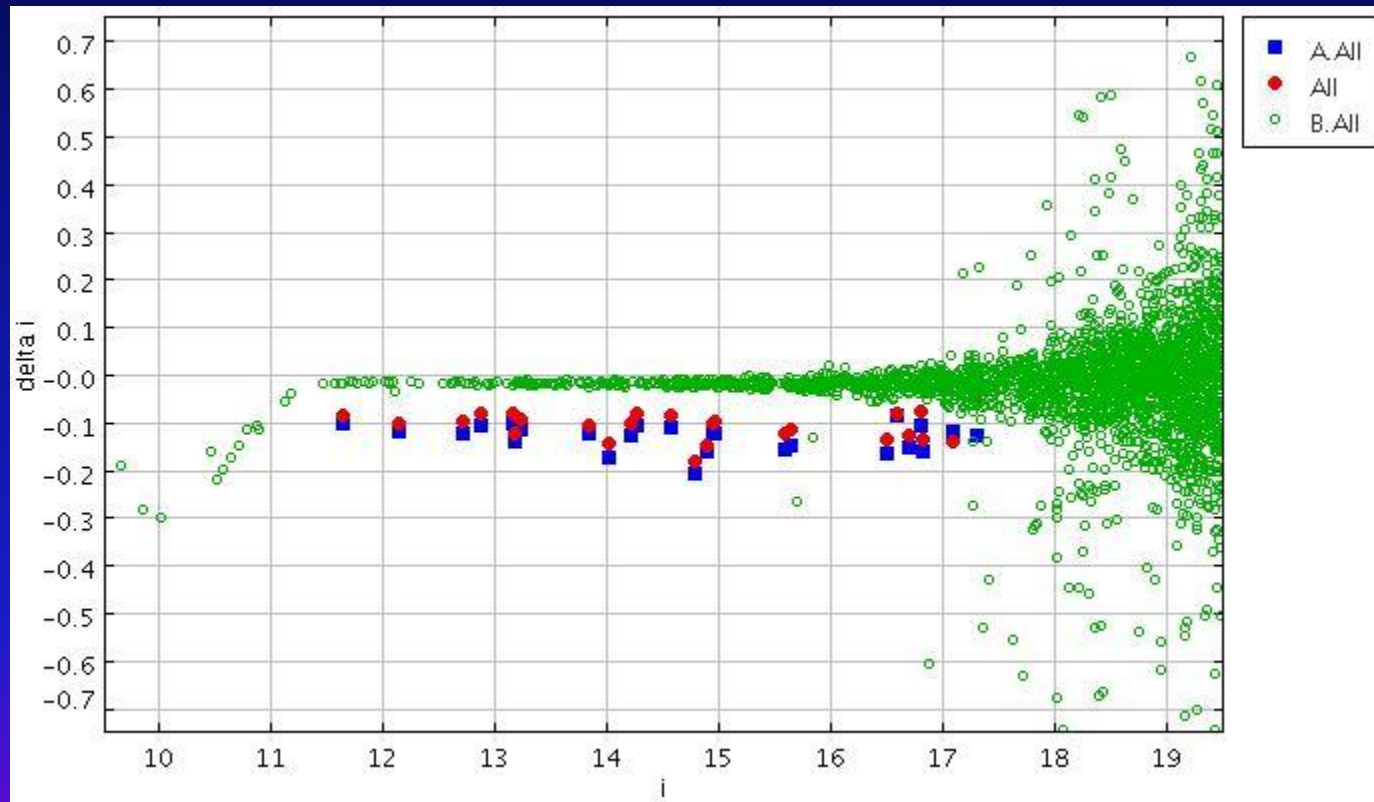
02h-30 g-band



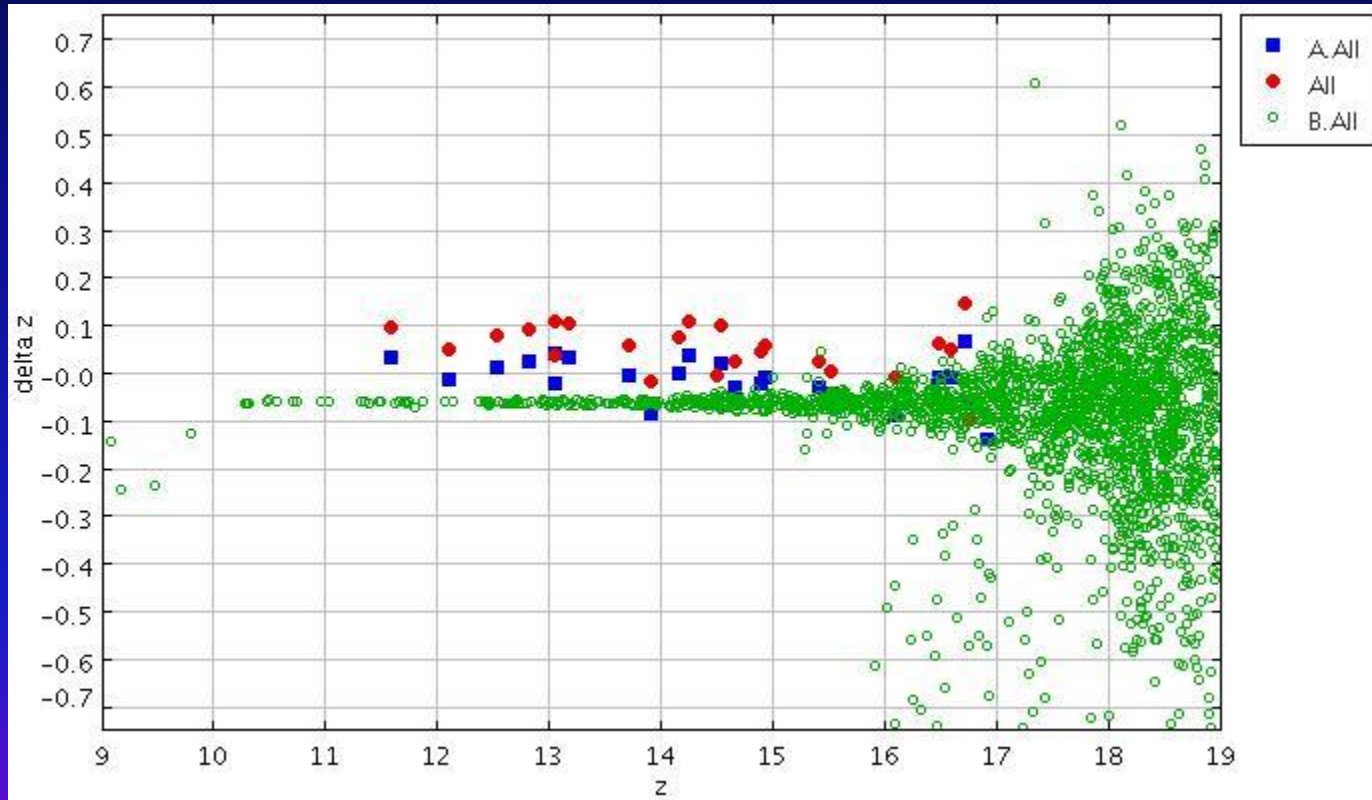
02h-30 r-band



02h-30 i-band

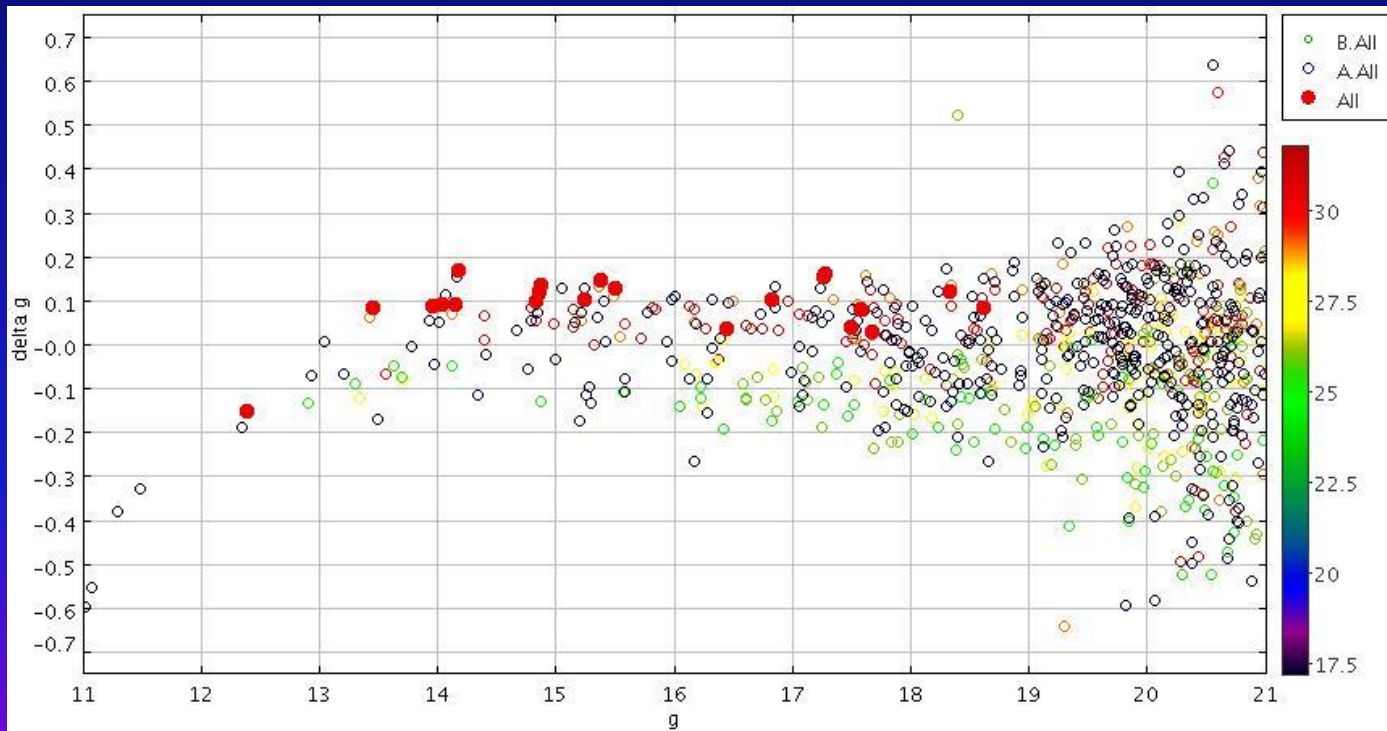


02h-30 z-band



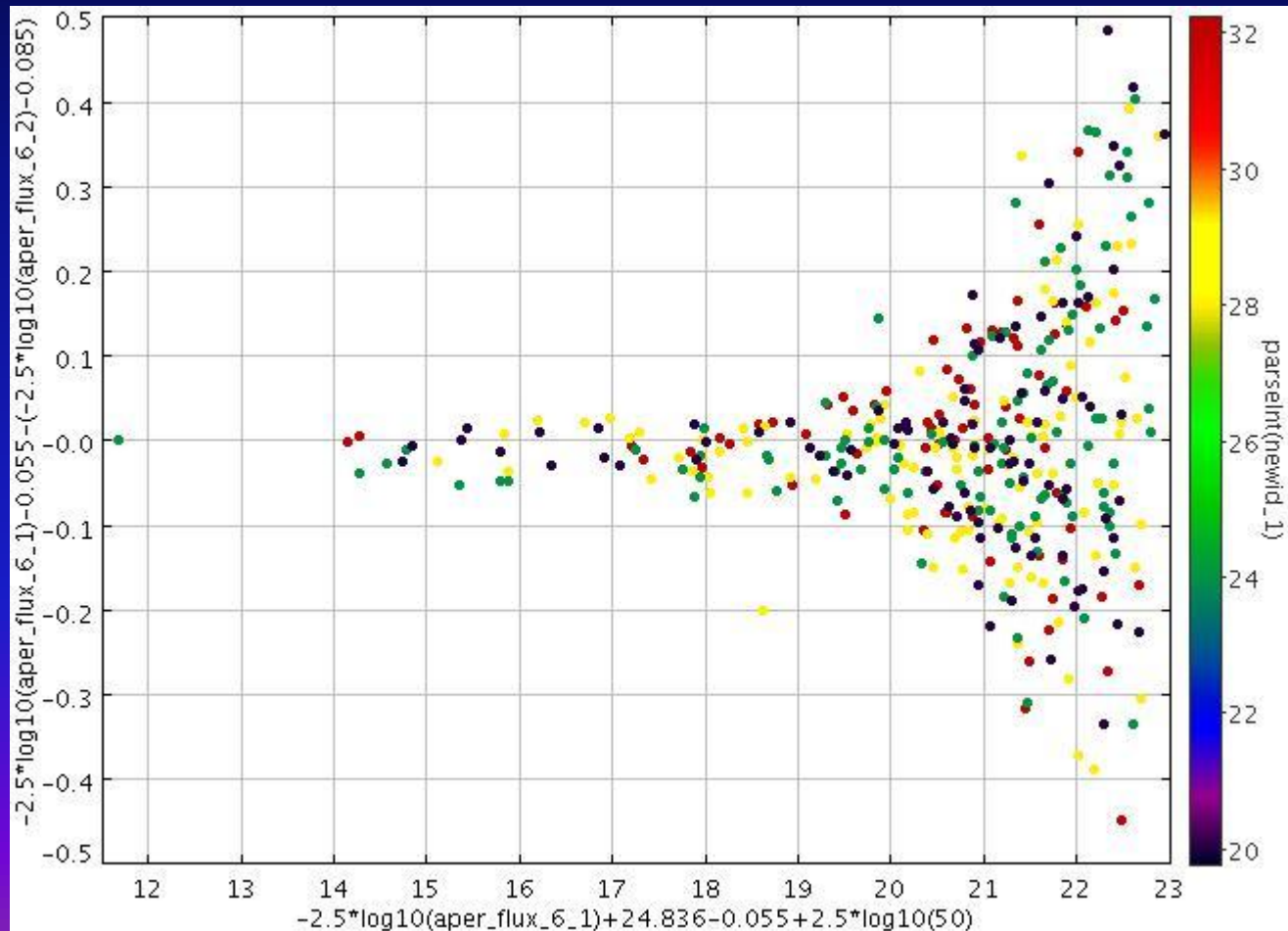
02h-30 g-band

Atlas v standard field overlap comparison, coloured by Atlas chip id



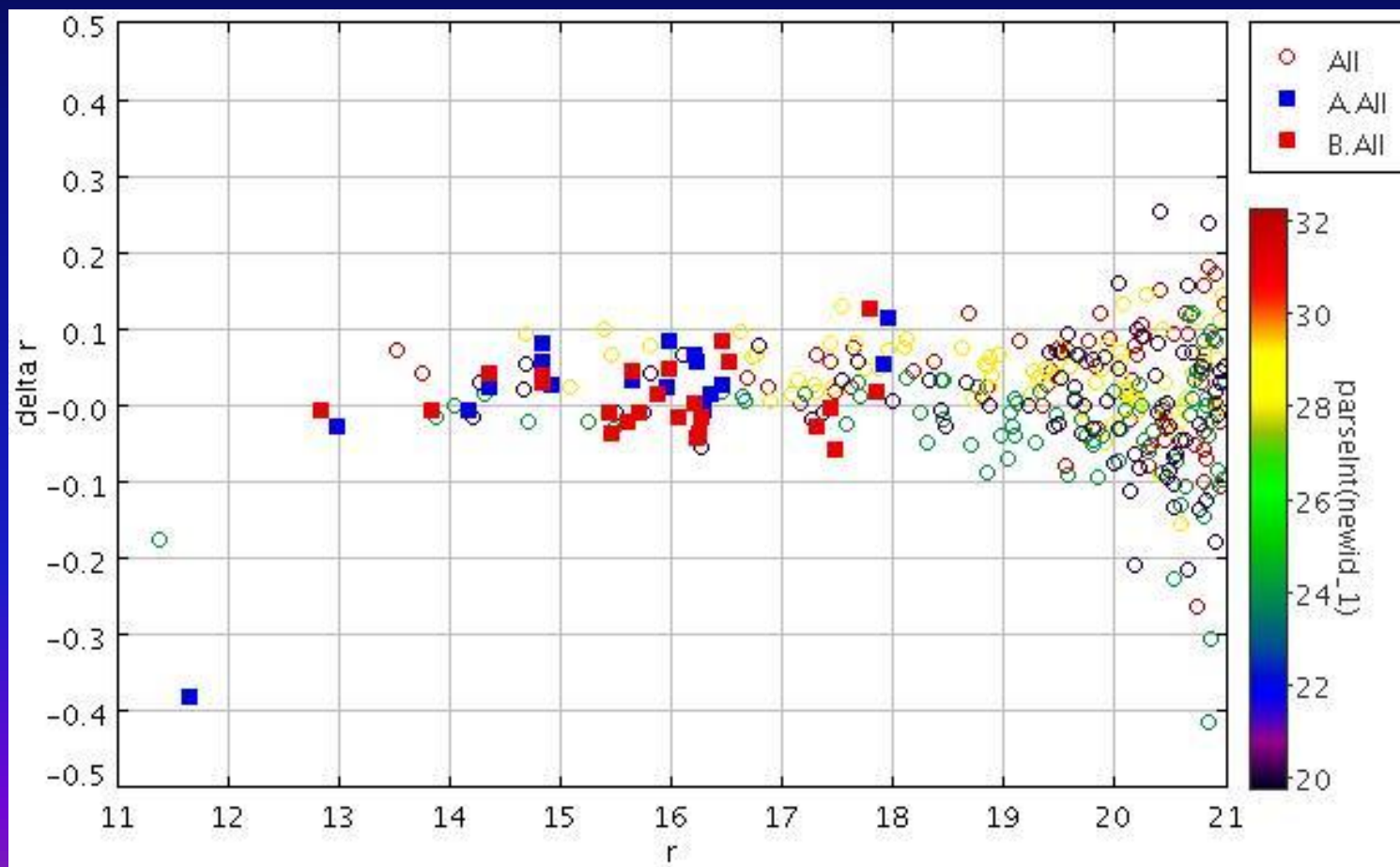
22h-30 g-band

Adjacent tiles overlap each other (and standard field)



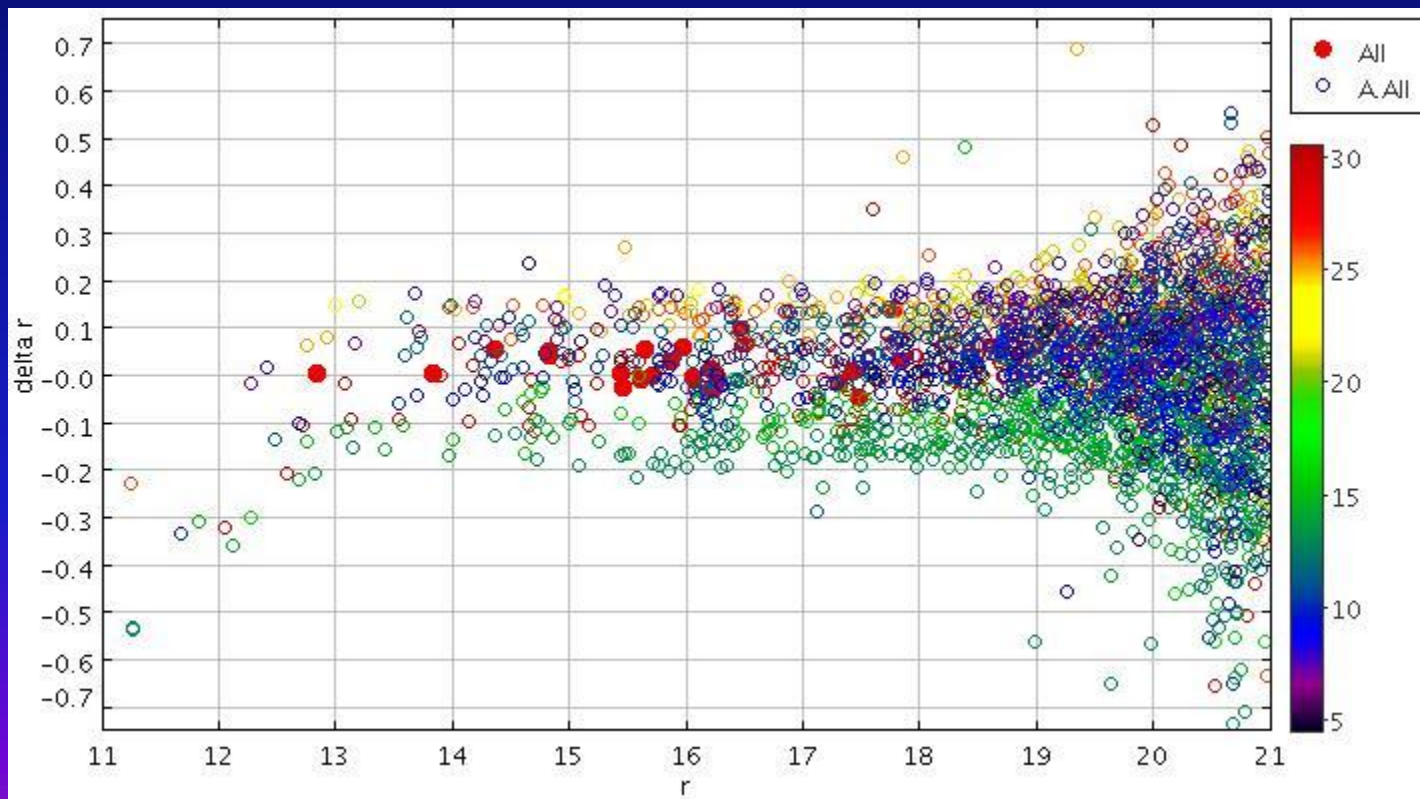
22h-30 r-band

Adjacent tile overlap (coloured by chip id)

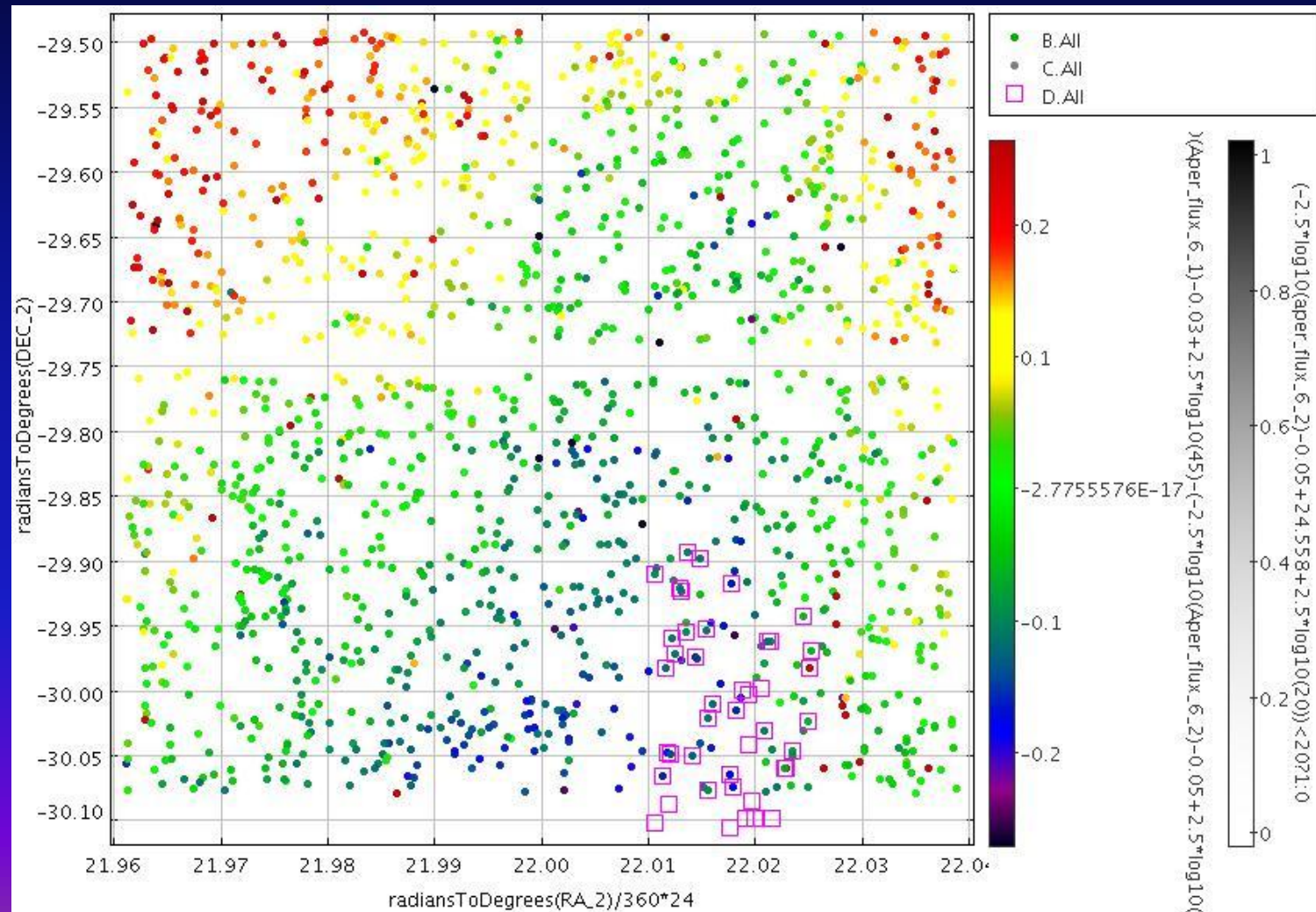


22h-30 r-band

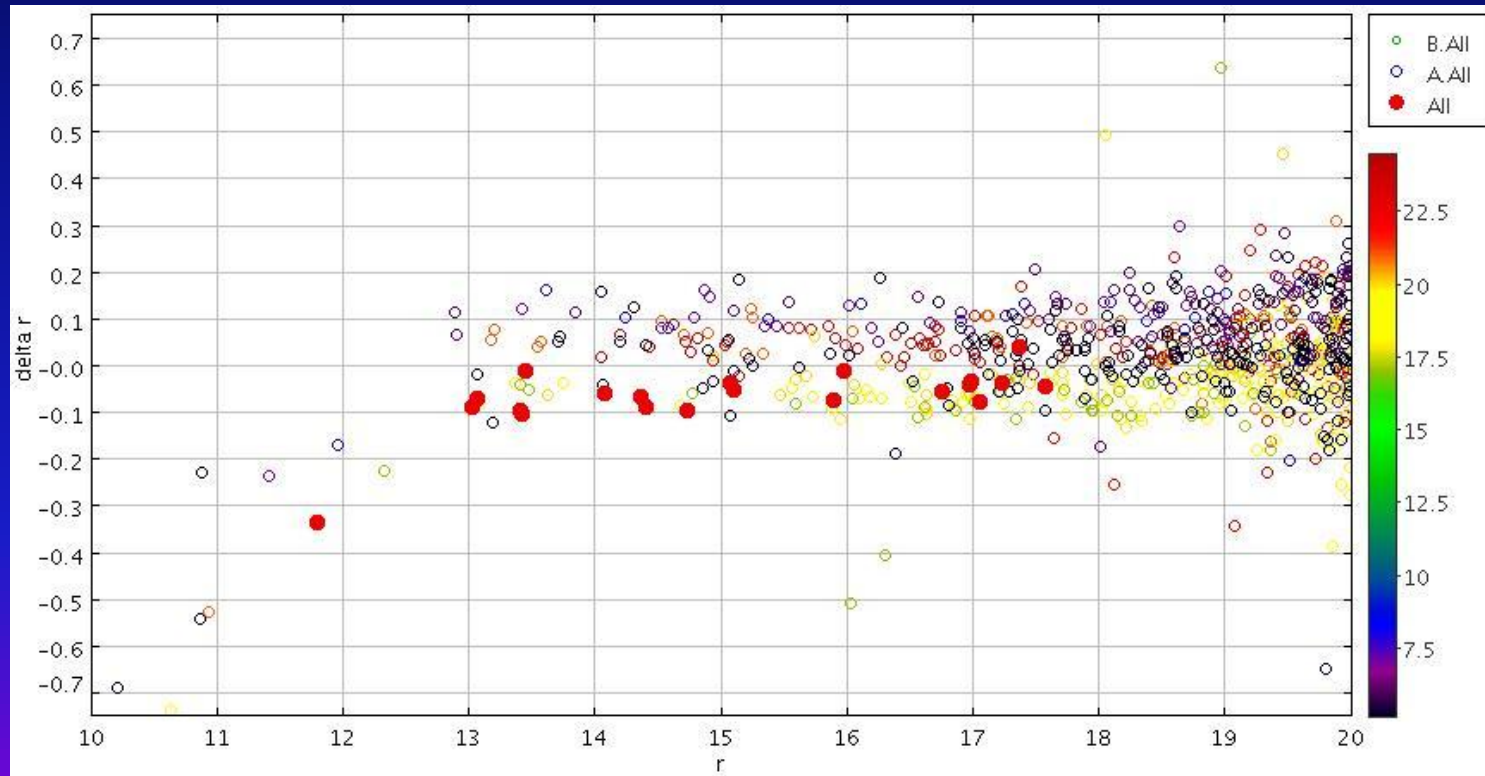
Atlas v standard field overlap comparison, coloured by chip id



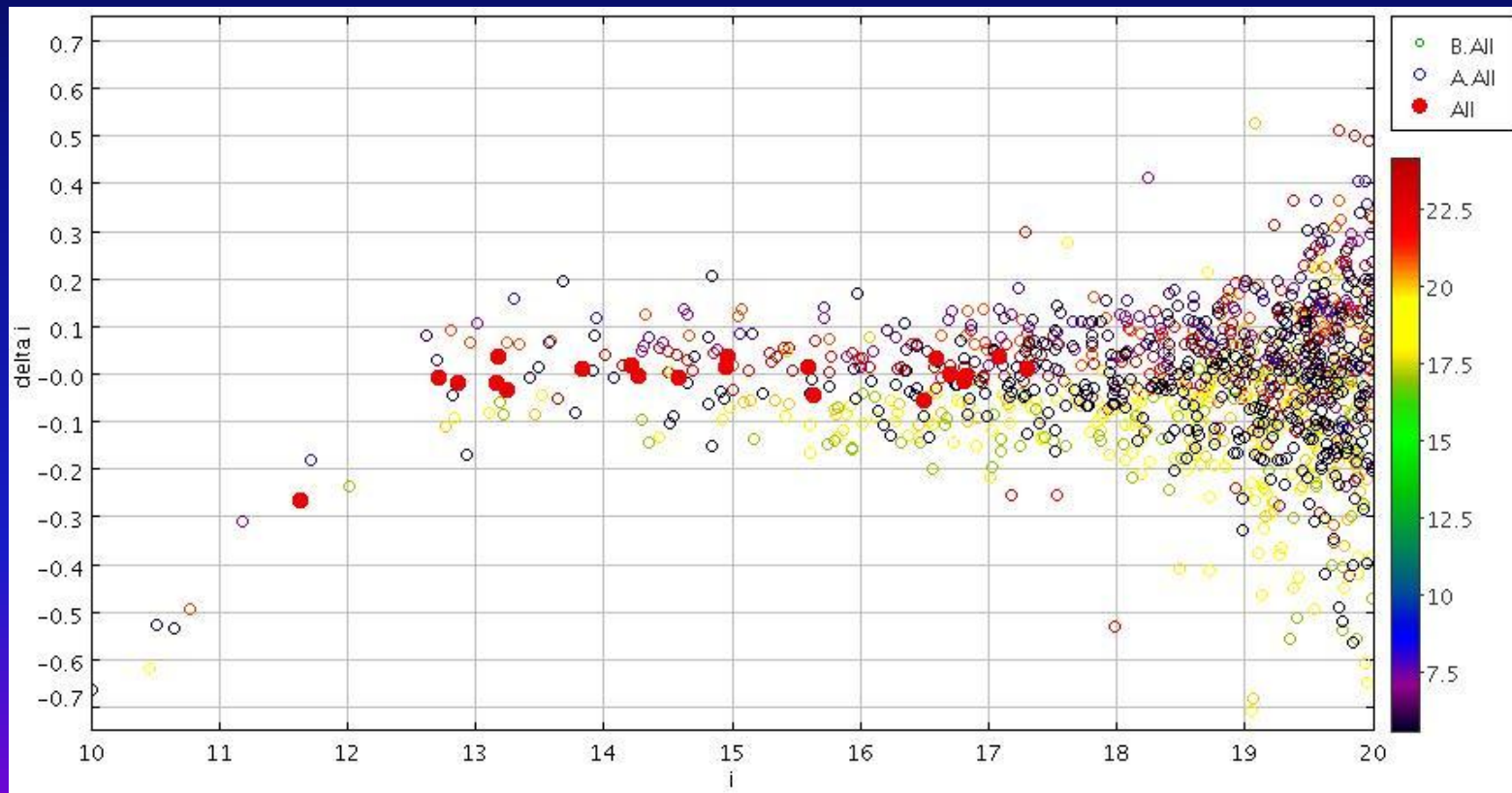
22h-30 r-band spatial variation



02h-30 r-band



02h-30 i-band



02h-30 r-band spatial variation

