

## A429 NOTES ON PHOTOMETRY

KRISTI WEBB

### 1. CB68

CB68 has curve of growths which are close to the fitted curves.

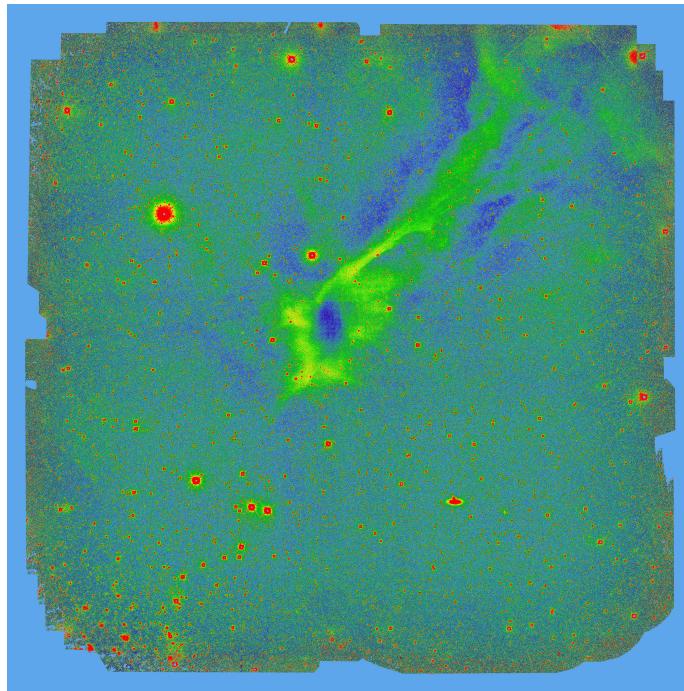


FIGURE 1. CB68 J aips0

Band	Aperture [pix]	zeropoint offset	var in avg.	$\sigma$	mean mag	var
J	30	-0.192943311392	6.13393426724	16086.5132299	15.1635439385	4.90802430486
Ks	24	0.605746118244	1.90640523923	22116.0095994	13.5808838706	1.16574005804
H	40	0.471278827929	18.1459938325	7559.57700521	14.1201405097	17.6872203643

TABLE 1. Calculated quantities for zeropoint offset.

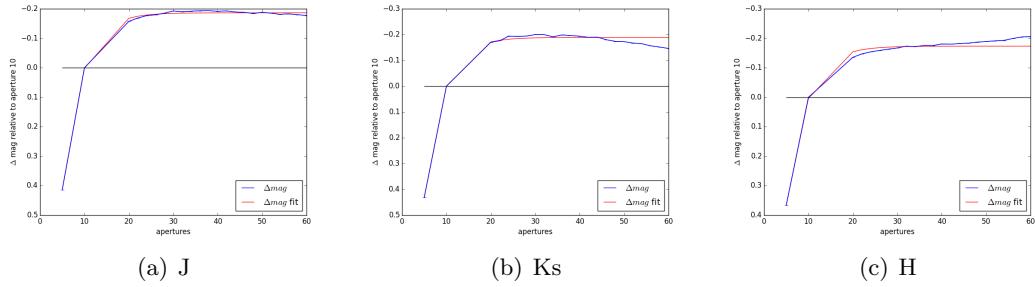


FIGURE 2. CB68 threshold 20

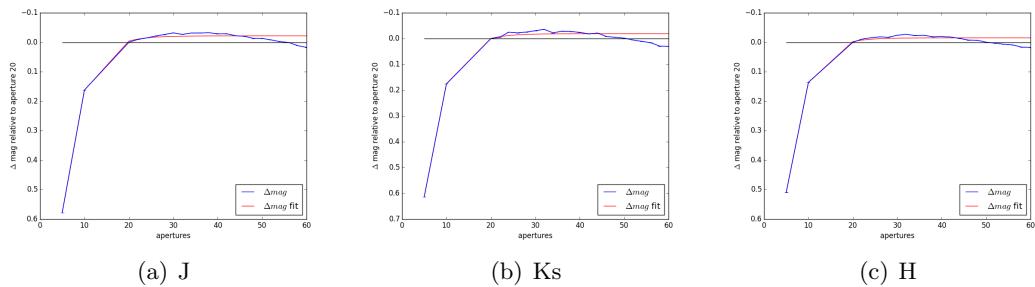


FIGURE 3. CB68 threshold 7

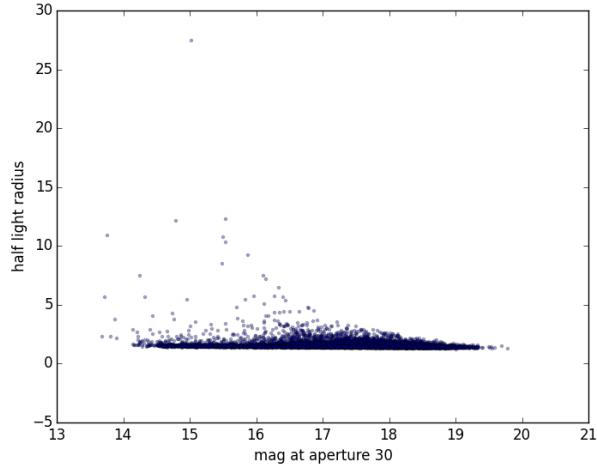


FIGURE 4. CB68 half light radius vs. magnitude

2. L429

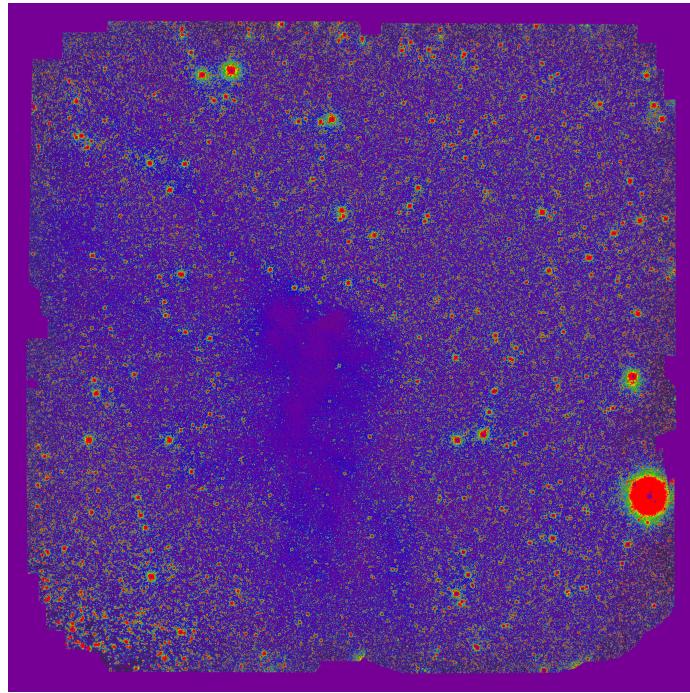


FIGURE 5. L429 J aips0

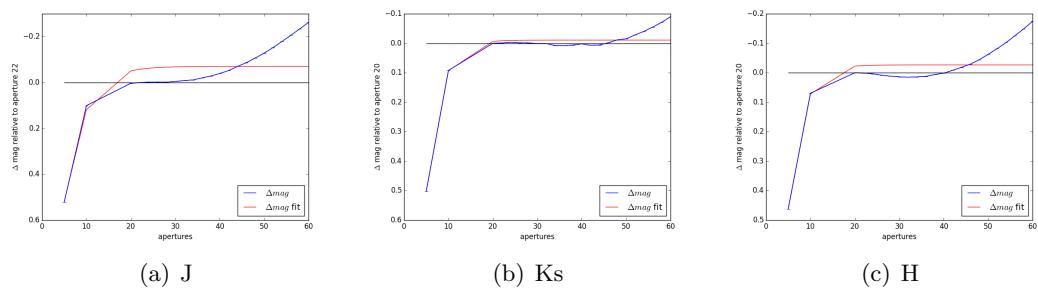


FIGURE 6. L429 threshold 20

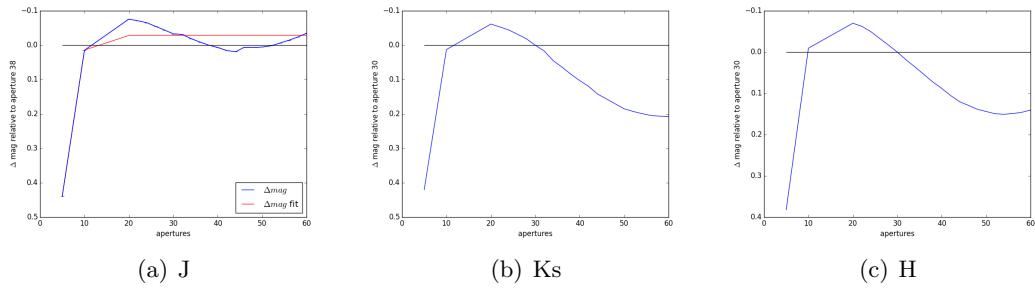


FIGURE 7. L429 threshold 7

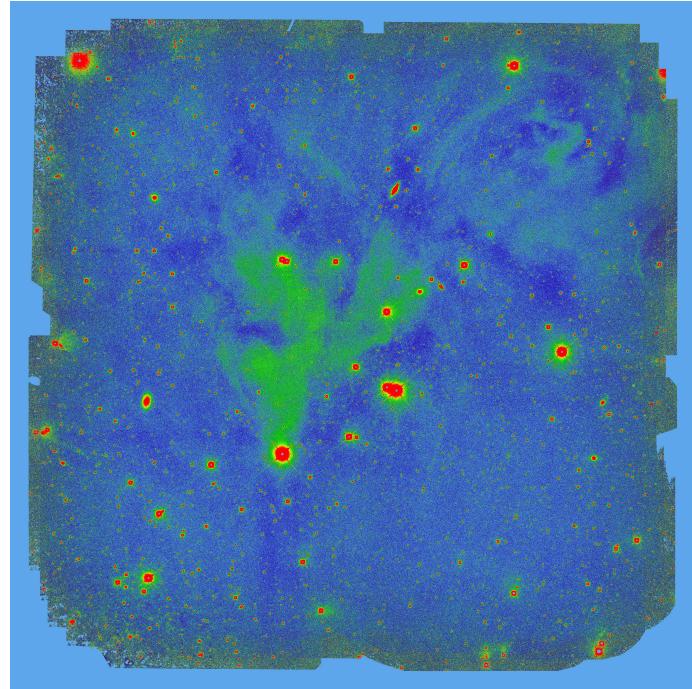


FIGURE 8. L1521E J aips0

### 3. L1521E

#### 4. L1544

## 5. L1552

## 6. REMOVED REGIONS

Regions not considered in the calculation of the zeropoint offset due to reddening effects.

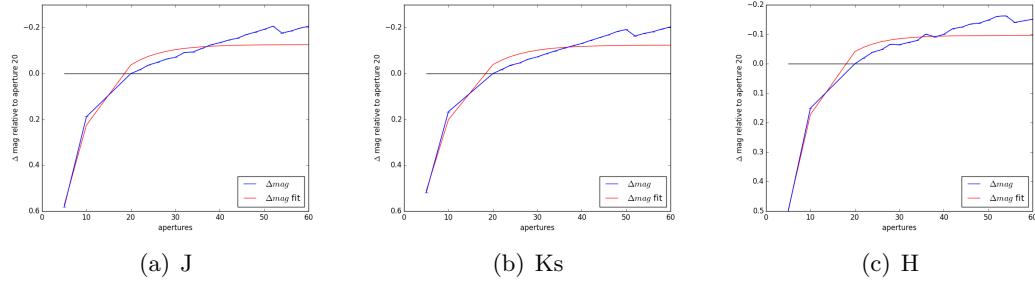


FIGURE 9. CB68 threshold 20

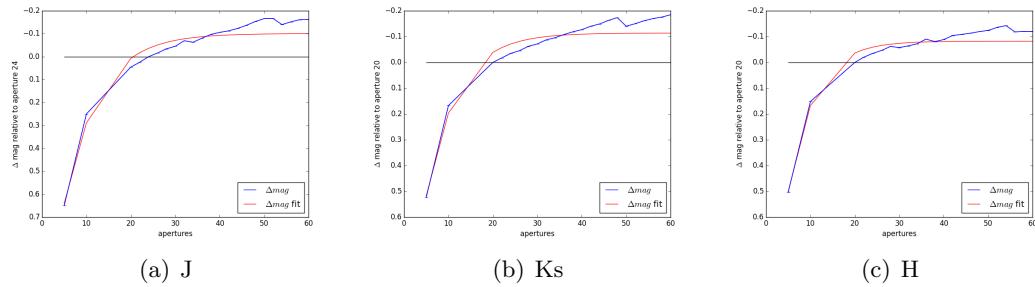


FIGURE 10. CB68 threshold 7

Cloud	Center [pix] (x,y)	Size [pix] (x,y)
CB68	2610.6899,2868.1778	1382.2207,1227.3661
L429	2496.3232,2158.1909	1869.7259,2345.7605
L1521E	2532.6025,2753.7333	1880.5105,1777.3177
L1544	2345.069,2855.932	1788.7782,1570.9142
L1552	2710.337,2593.2019	1639.7134,177.3117

TABLE 2. Regions removed from calculation of zeropoint offset.

### 6.1. CMDs.

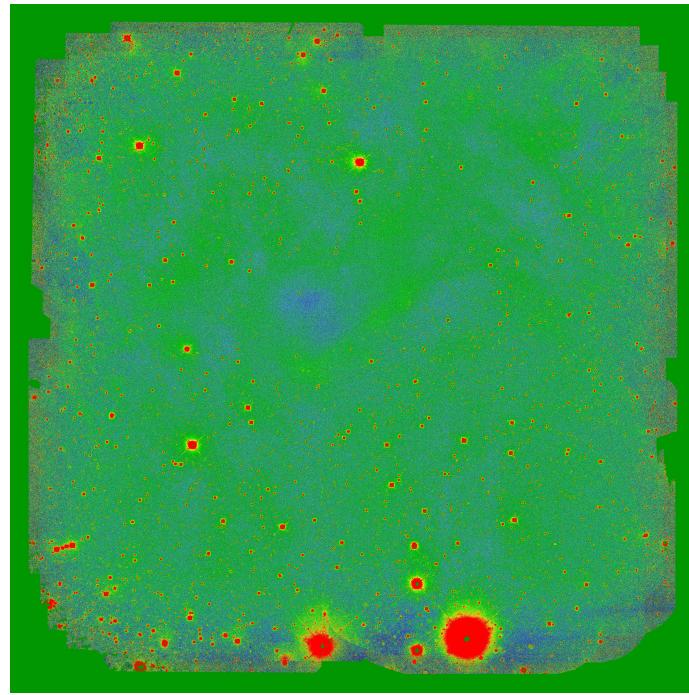


FIGURE 11. L1544 J aips0

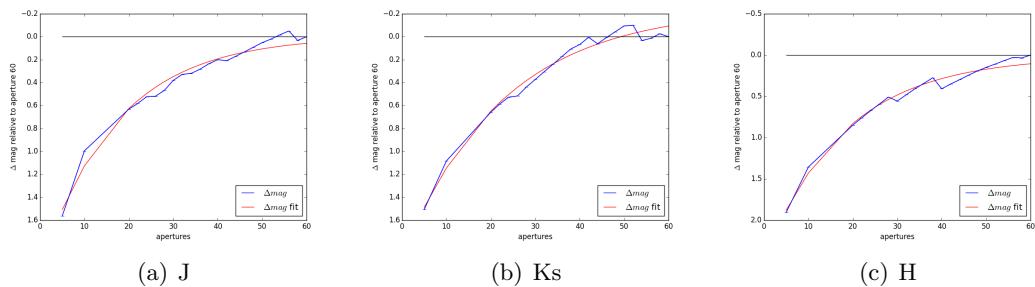


FIGURE 12. L1544 threshold 20

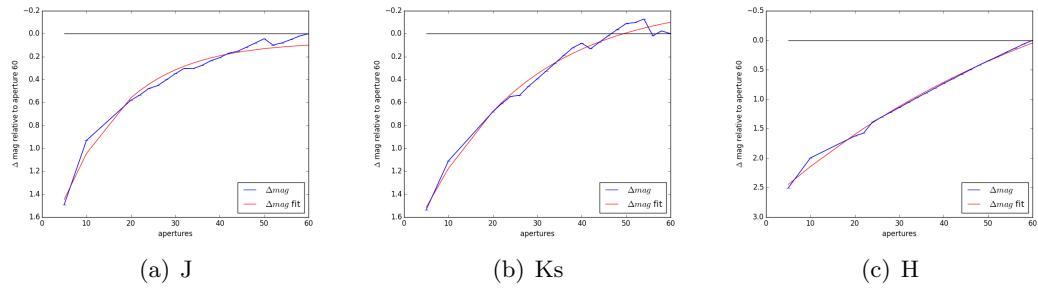


FIGURE 13. L1544 threshold 7

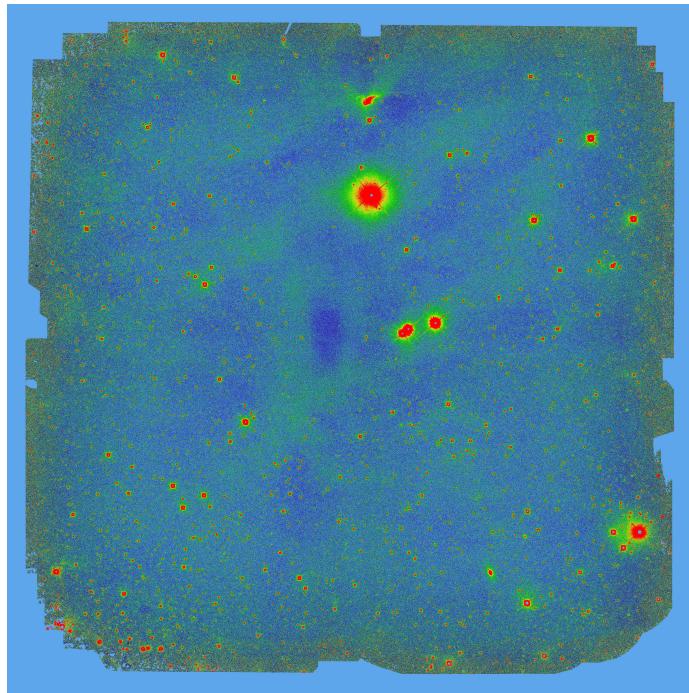


FIGURE 14. L1552 J aips0

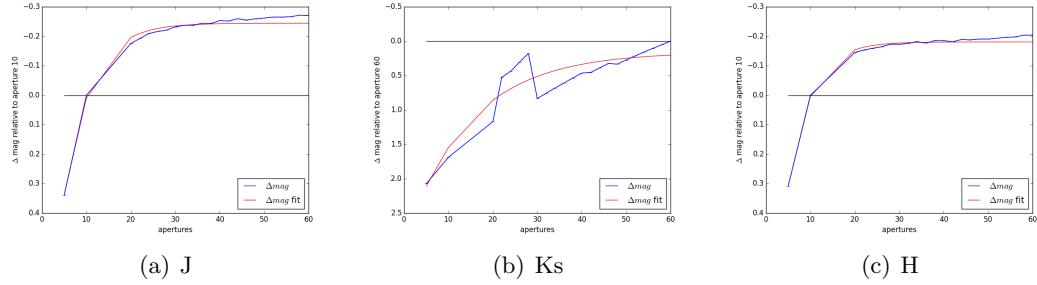


FIGURE 15. L1552 threshold 20

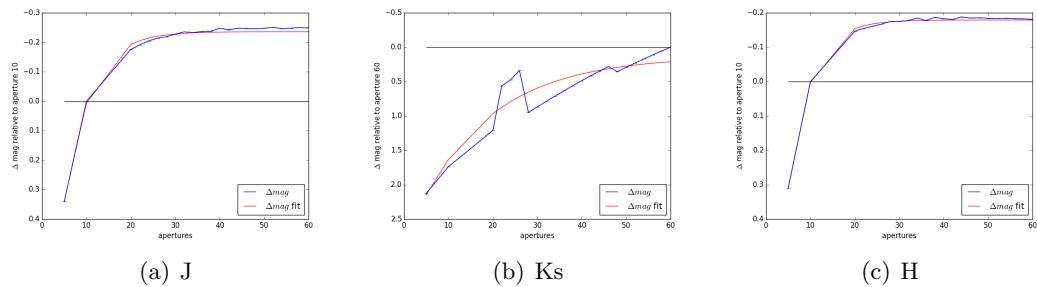


FIGURE 16. L1552 threshold 7

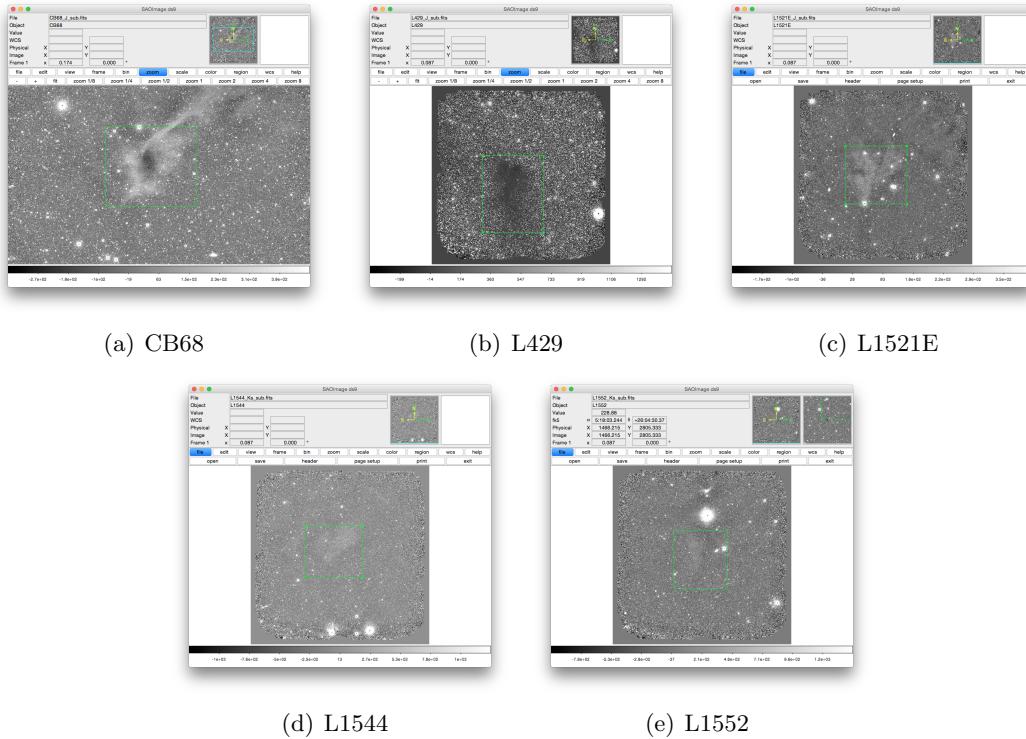
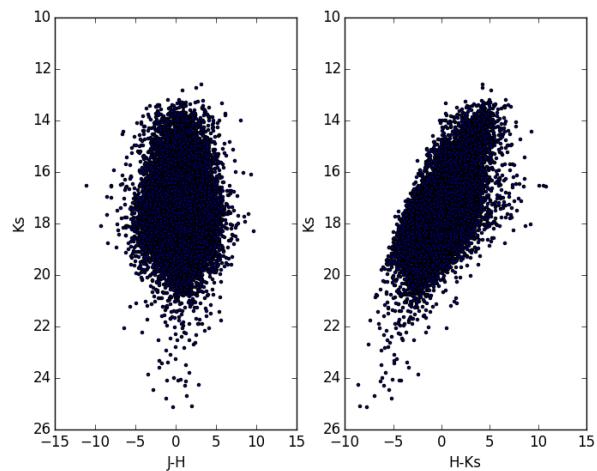


FIGURE 17. Regions removed from calculation of zeropoint



(a) CB68

FIGURE 18. Colour magnitude diagrams