

A429 NOTES ON PHOTOMETRY

KRISTI WEBB

1. CB68

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

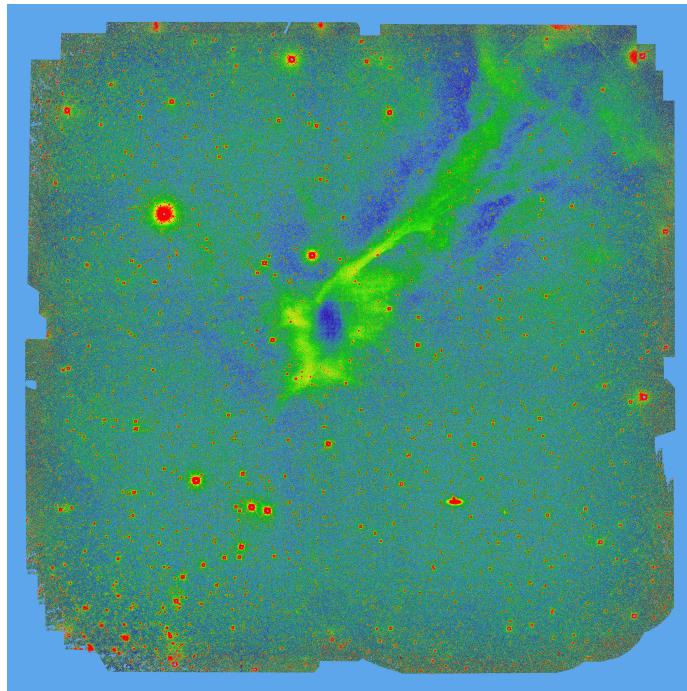


FIGURE 1. CB68 J aips0

Band	Aperture [pix]	zeropoint offset	var in avg.	σ	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.

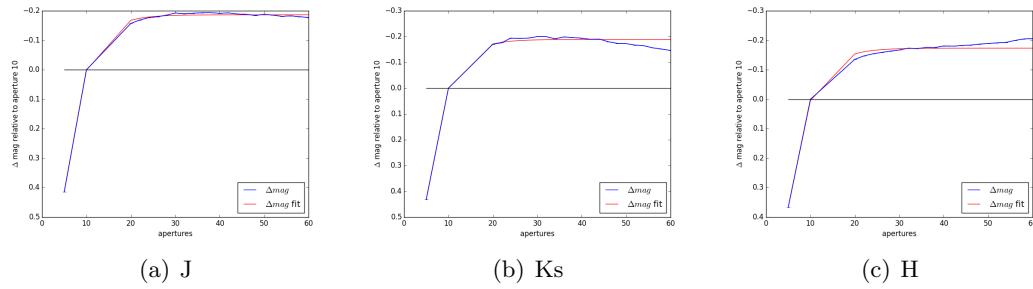


FIGURE 2. CB68 threshold 20

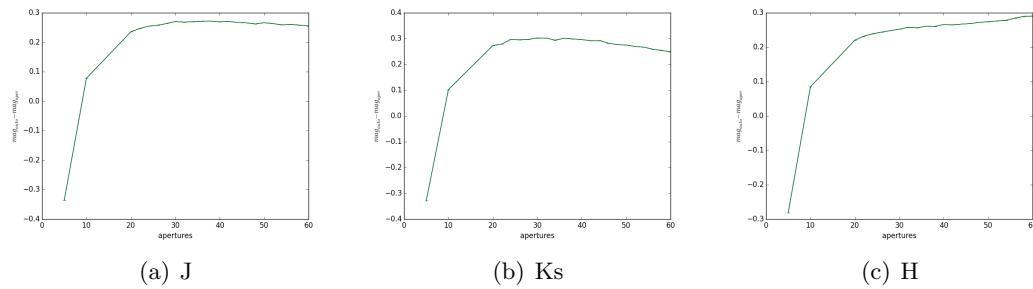


FIGURE 3. CB68 threshold 20 diff

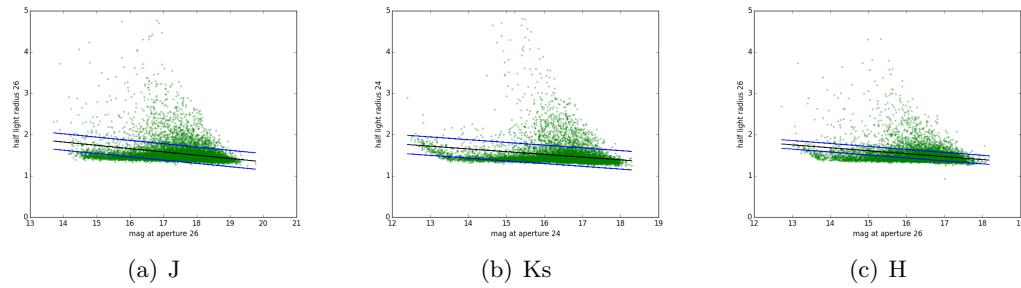


FIGURE 4. CB68 threshold 20 halfflight

2. L429

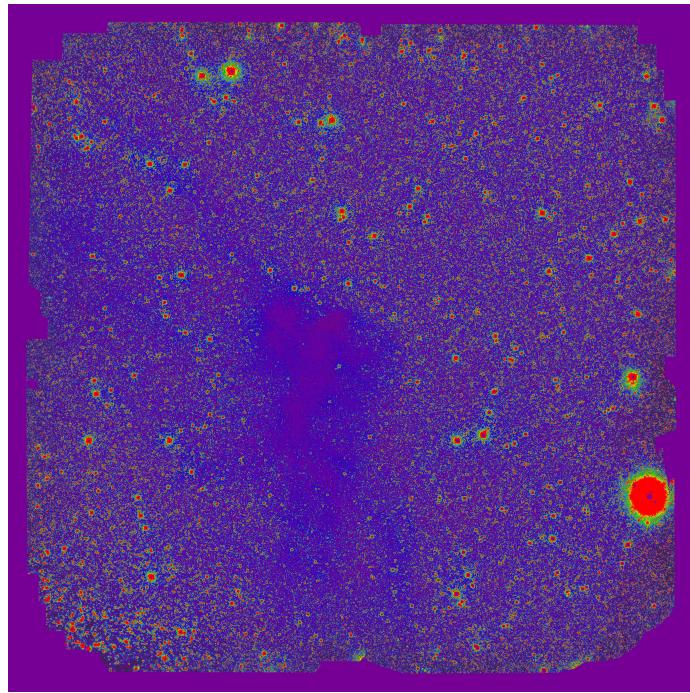


FIGURE 5. L429 J aips0

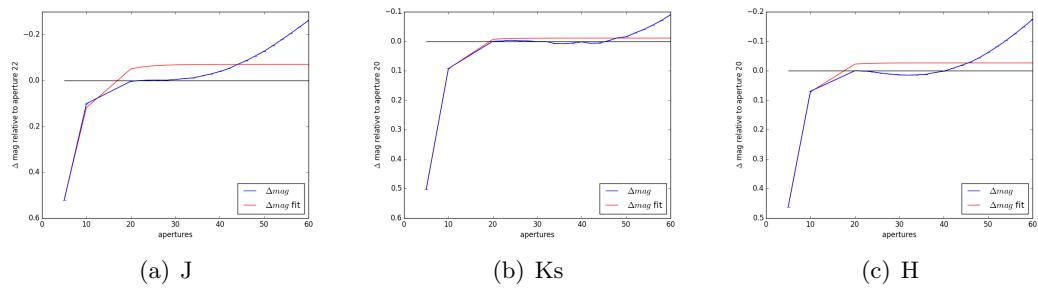


FIGURE 6. L429 threshold 20

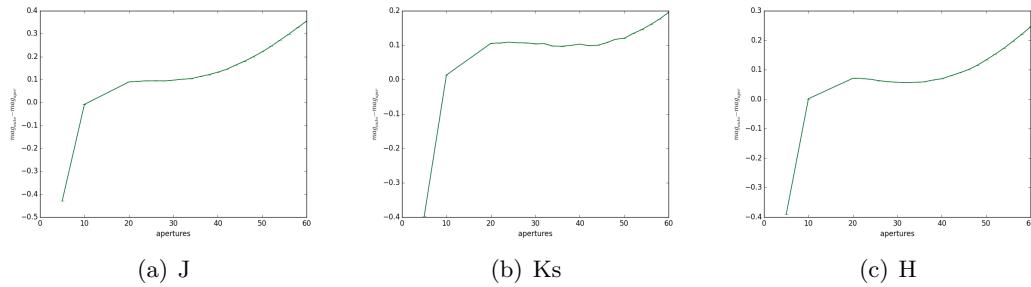


FIGURE 7. L429 threshold 20 diff

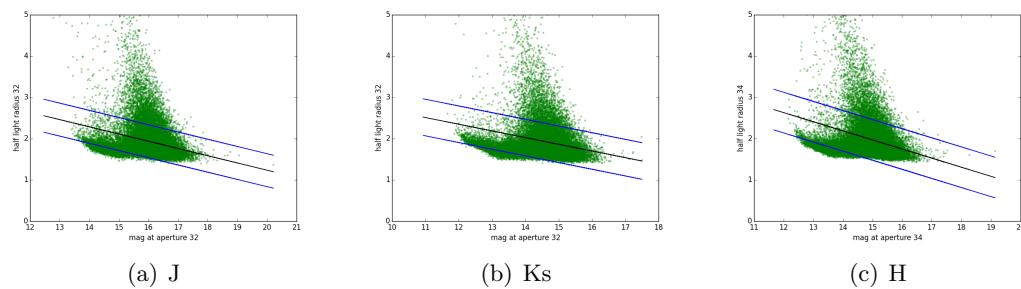


FIGURE 8. L429 threshold 20 halfflight

3. L1521E

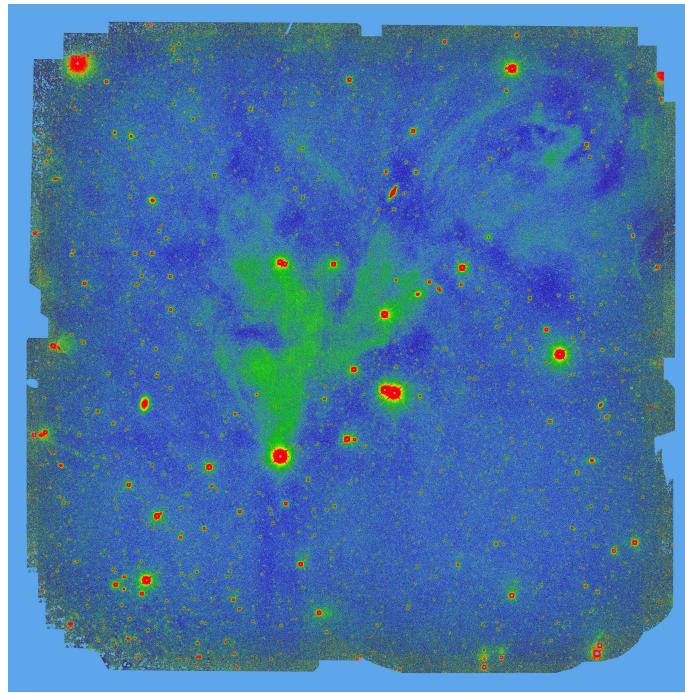


FIGURE 9. L1521E J aips0

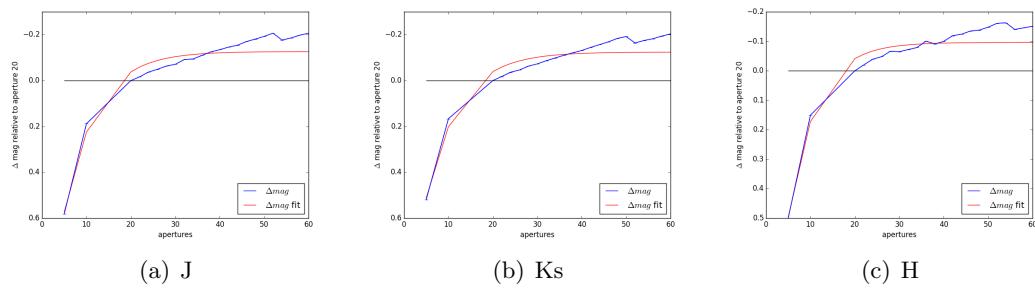


FIGURE 10. L1521E threshold 20

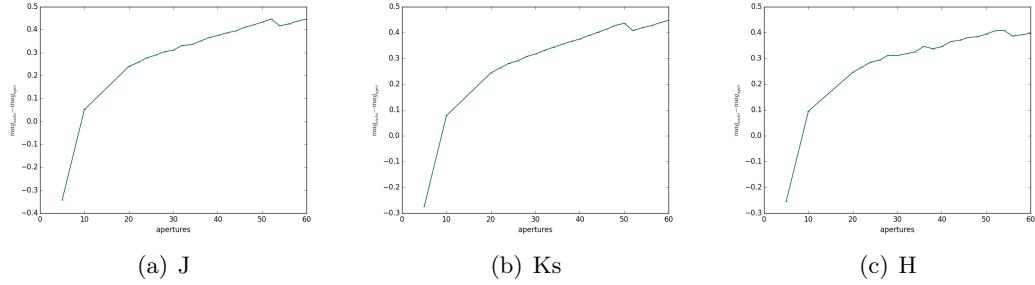


FIGURE 11. L1521E threshold 20 diff

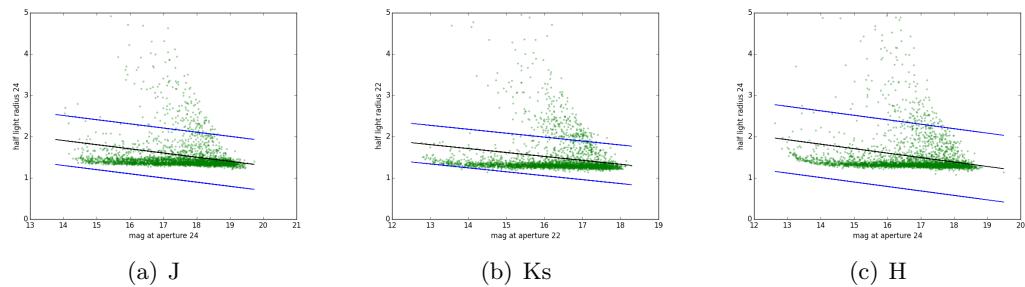


FIGURE 12. L1521E threshold 20 halflight

4. L1544

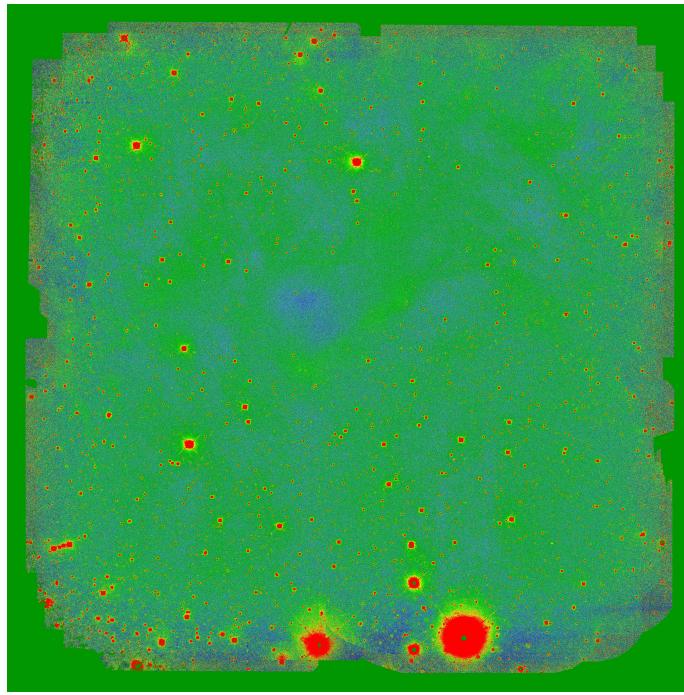


FIGURE 13. L1544 J aips0

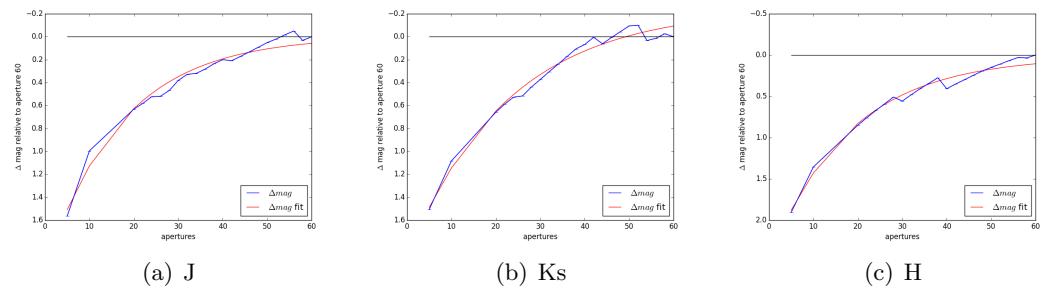


FIGURE 14. L1544 threshold 20

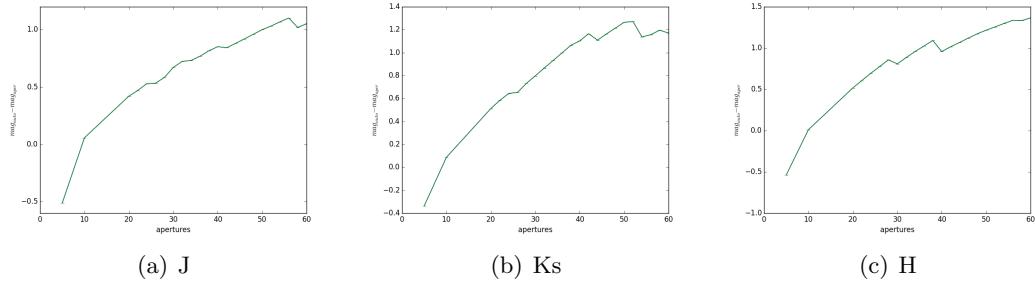


FIGURE 15. L1544 threshold 20 diff

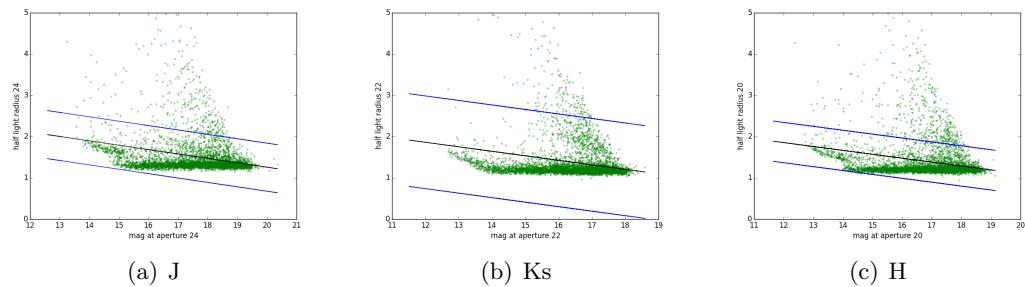


FIGURE 16. L1544 threshold 20 halfflight

5. L1552

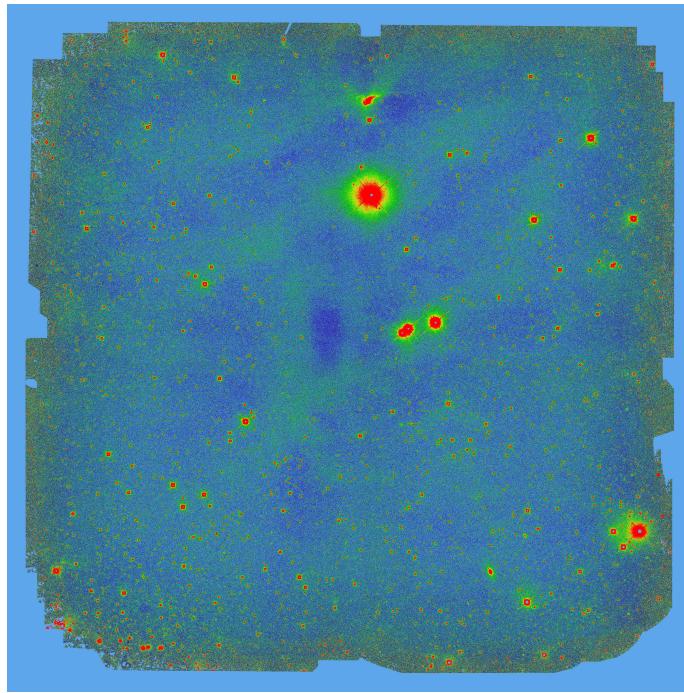


FIGURE 17. L1552 J aips0

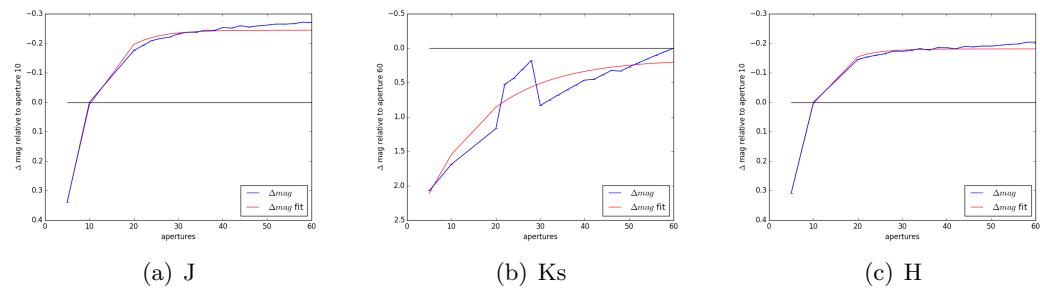


FIGURE 18. L1552 threshold 20

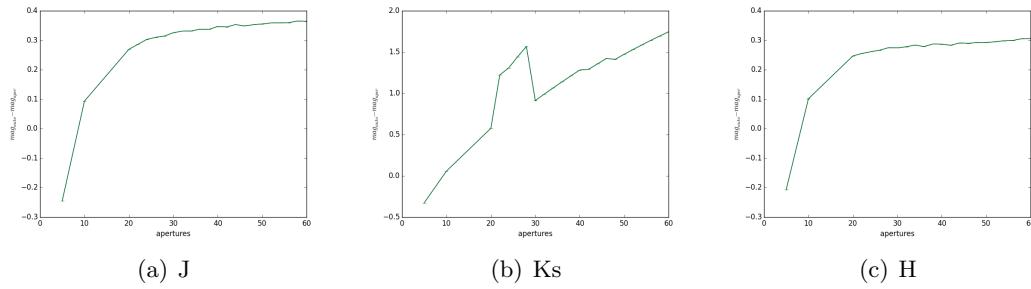


FIGURE 19. L1552 threshold 20 diff

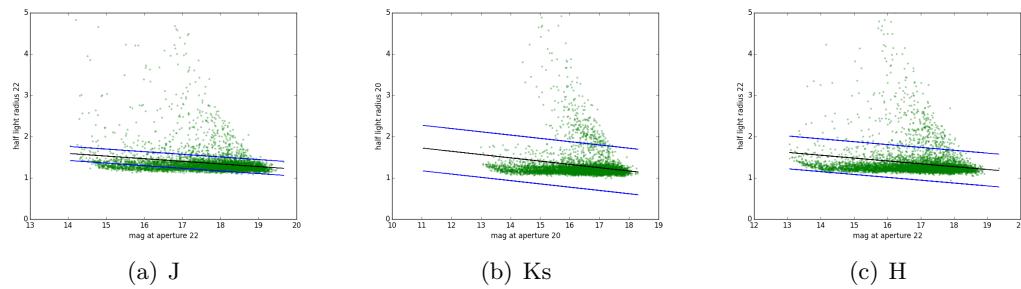


FIGURE 20. L1552 threshold 20 halflight

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

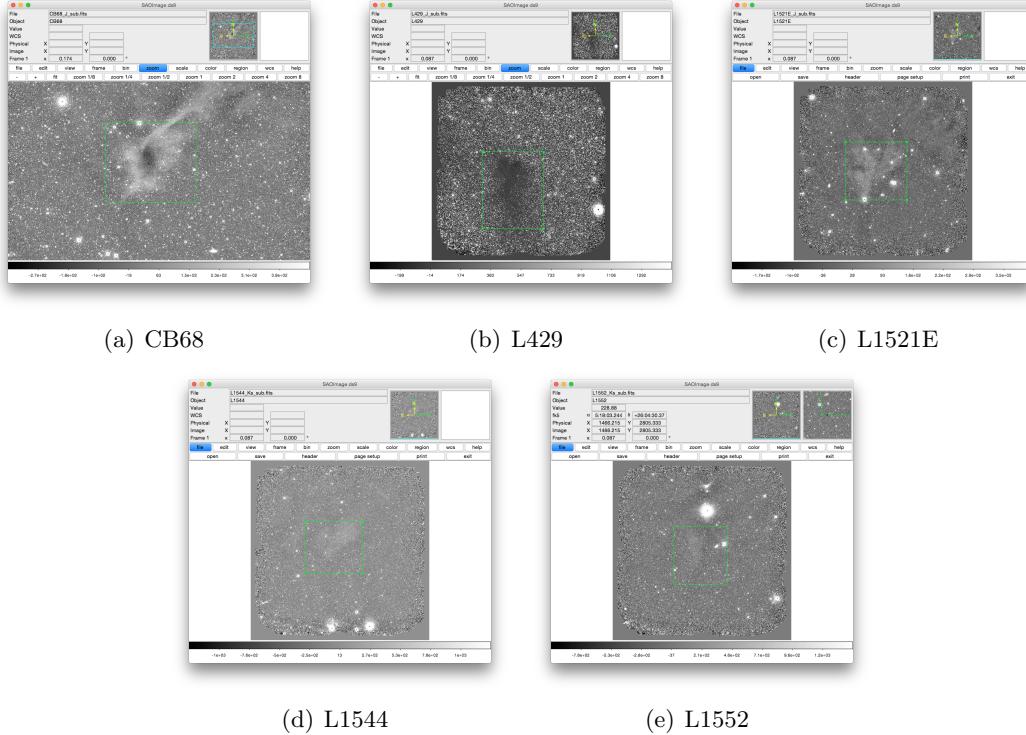
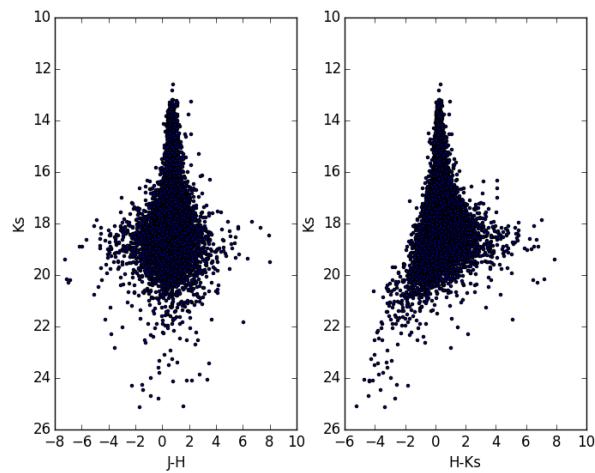


FIGURE 21. Regions removed from calculation of zeropoint

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.



(a) CB68

FIGURE 22. Colour magnitude diagrams