

ASW2DF Number Counts

1. Raw Number counts without any correction

1.1 Preliminary settings

I used the uncorrected images to extract sources at [3, 3.5, 4, 4.5, 5.0] sigma.

The peak flux from PB corrected images are used since I haven't done the integrated flux

The area are estimated within the regions where $PB > 0.5$ for each field. I summed up all six areas and used it in the overall counts.

Without correction, the counts decrease with the increasing detection threshold and underestimate at the faint end.





