

Simulating All Sources

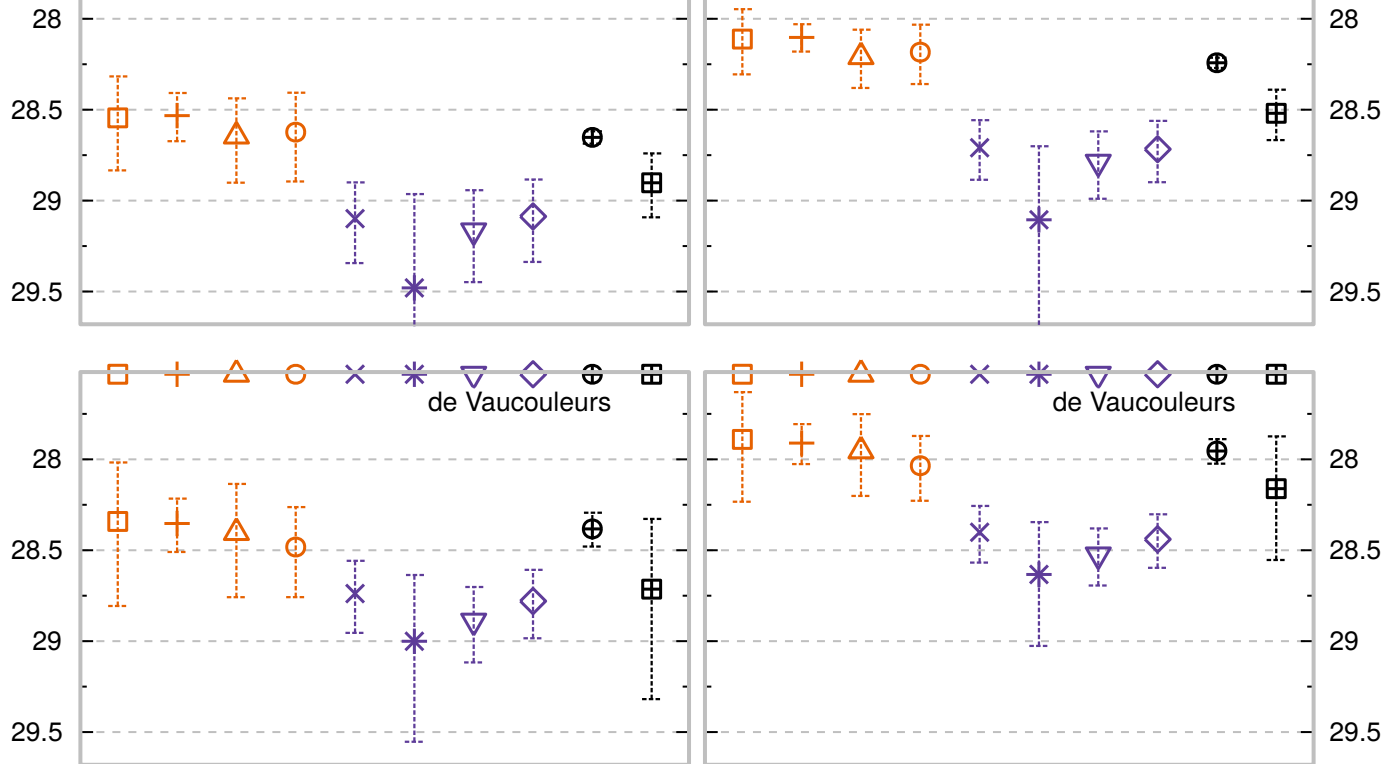
low density

high density

exponential

exponential

mean subtracted sky level / mag arcsec⁻²



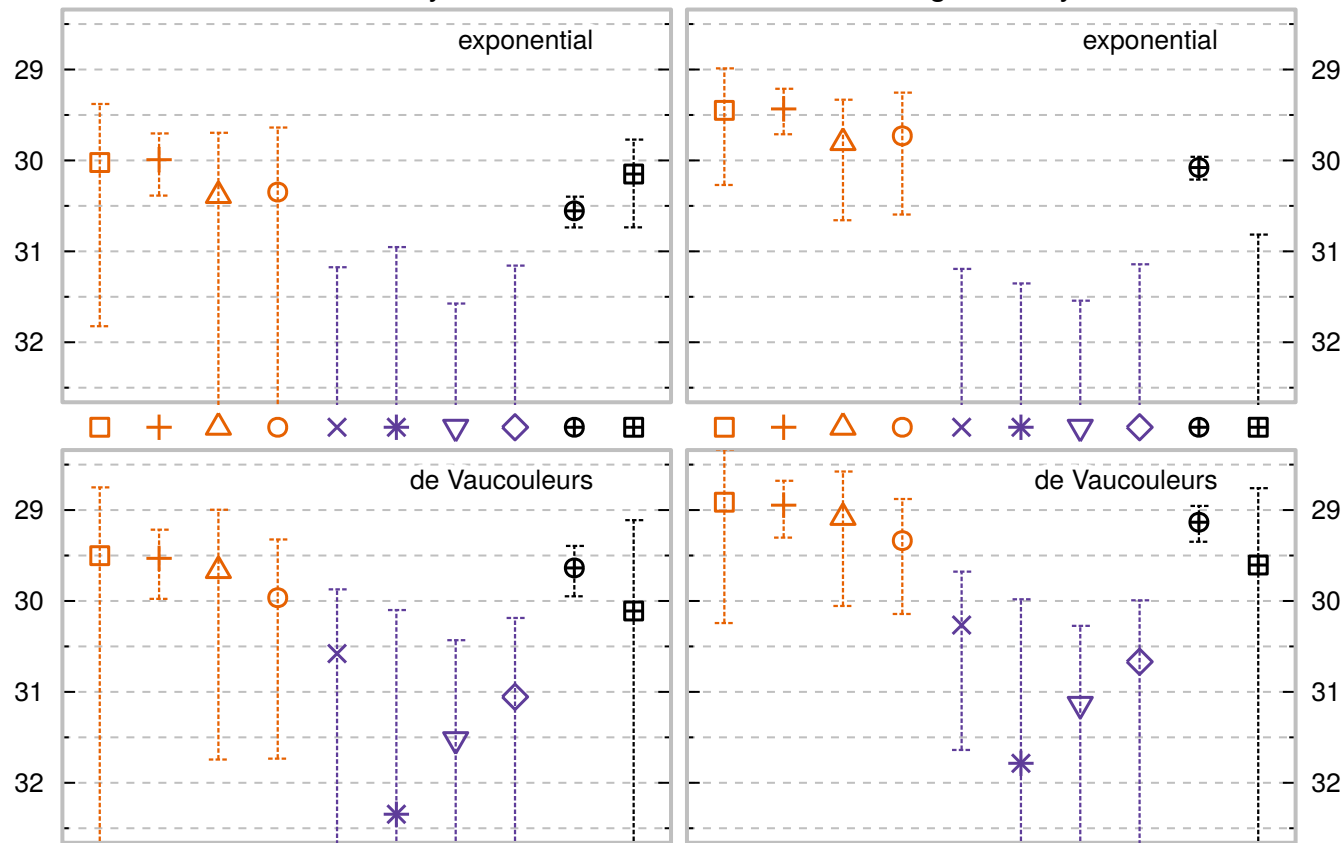
- SExtractor default
 + SExtractor optimised
 △ SExtractor w. dilated masks
 ○ SExtractor w. modelled masks
- × Gnuastro default
 ✱ Gnuastro optimised
 ▽ Gnuastro w. dilated masks
 ◇ Gnuastro w. modelled masks
- ⊕ DM stack default
 ⊞ DM stack optimised

Simulating Bright Only (No EBL)

low density

high density

mean subtracted sky level / mag arcsec⁻²



- SExtractor default
 + SExtractor optimised
 △ SExtractor w. dilated masks
 ○ SExtractor w. modelled masks
- × Gnuastro default
 ✱ Gnuastro optimised
 ▽ Gnuastro w. dilated masks
 ◇ Gnuastro w. modelled masks
- ⊕ DM stack default
 ⊞ DM stack optimised