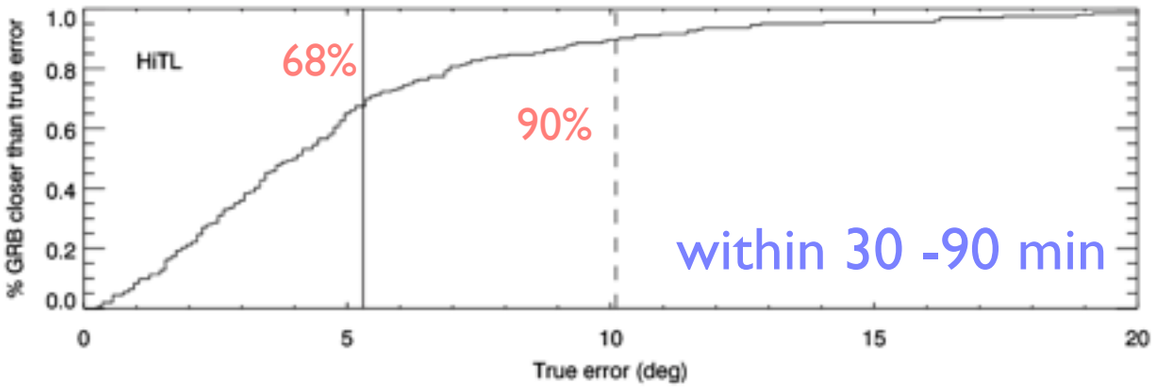
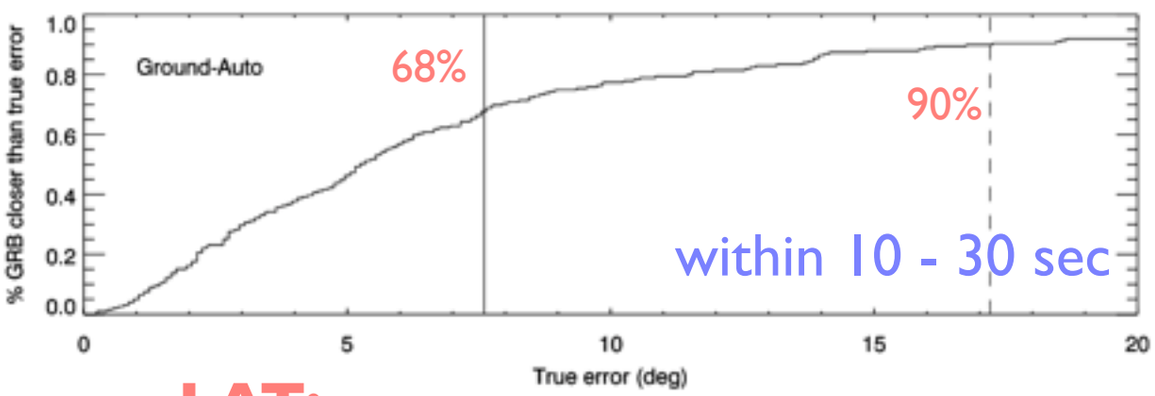
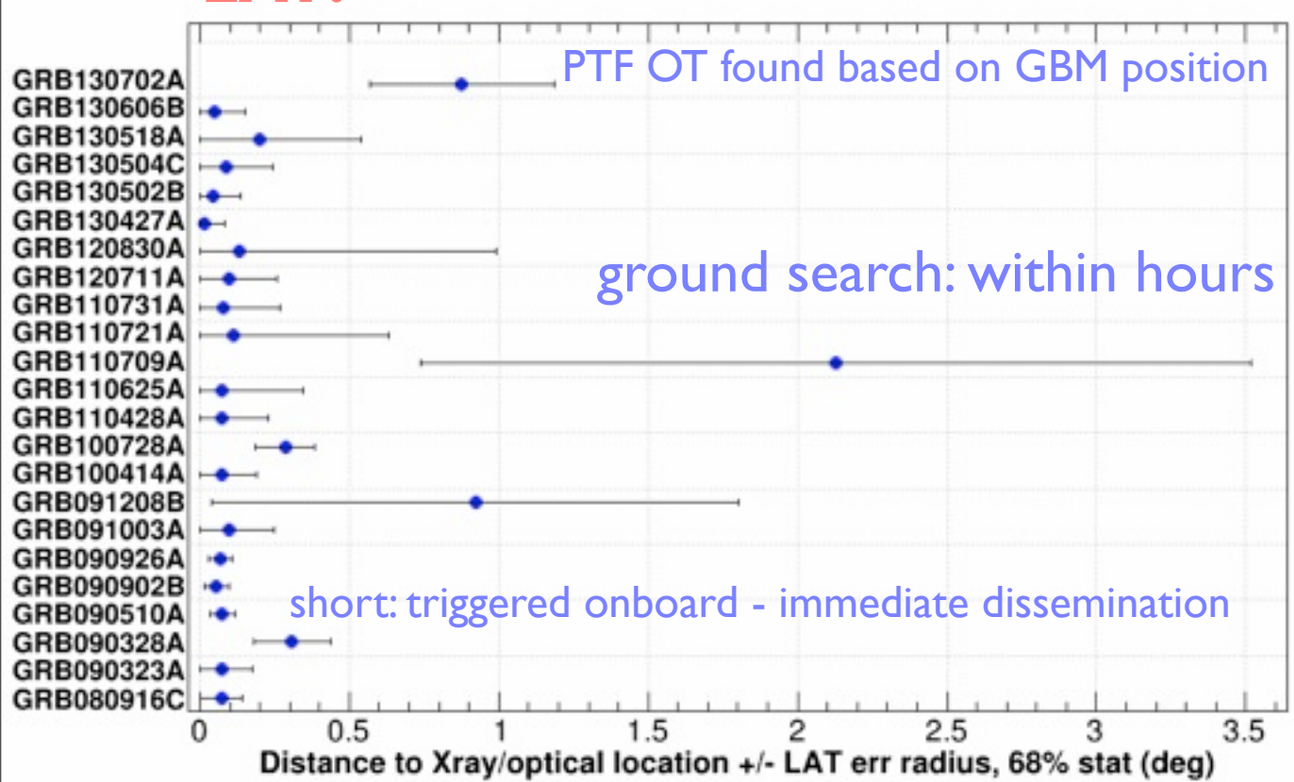
Fermi Gamma-Ray Space Telescope: Detecting GRBs with GBM and LAT between 8 keV and 30+ GeV since 2008. Until... 2018 + ??

GBM:





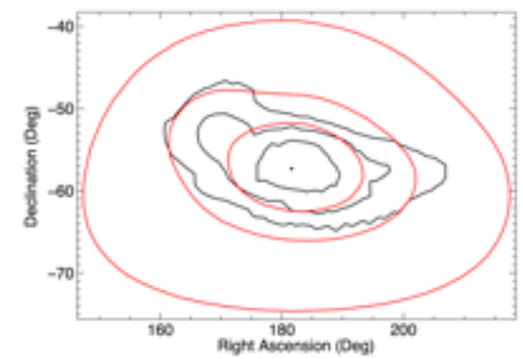
LAT:



GBM: 240 GRBs per year, 45 short

50% duty cycle on any sky position

Localization: Improved Ground-Auto. New data product: contours on sky that include systematic error.



New offline search: TTE data for weaker short transients. Will search for any LIGO GW candidate

LAT: Fewer GRBs (~12 per year) but well-localized.

Followed up successfully with XRT/OT. Afterglows are bright

New event selections: Expect 20-50% more GRBs using new searches.