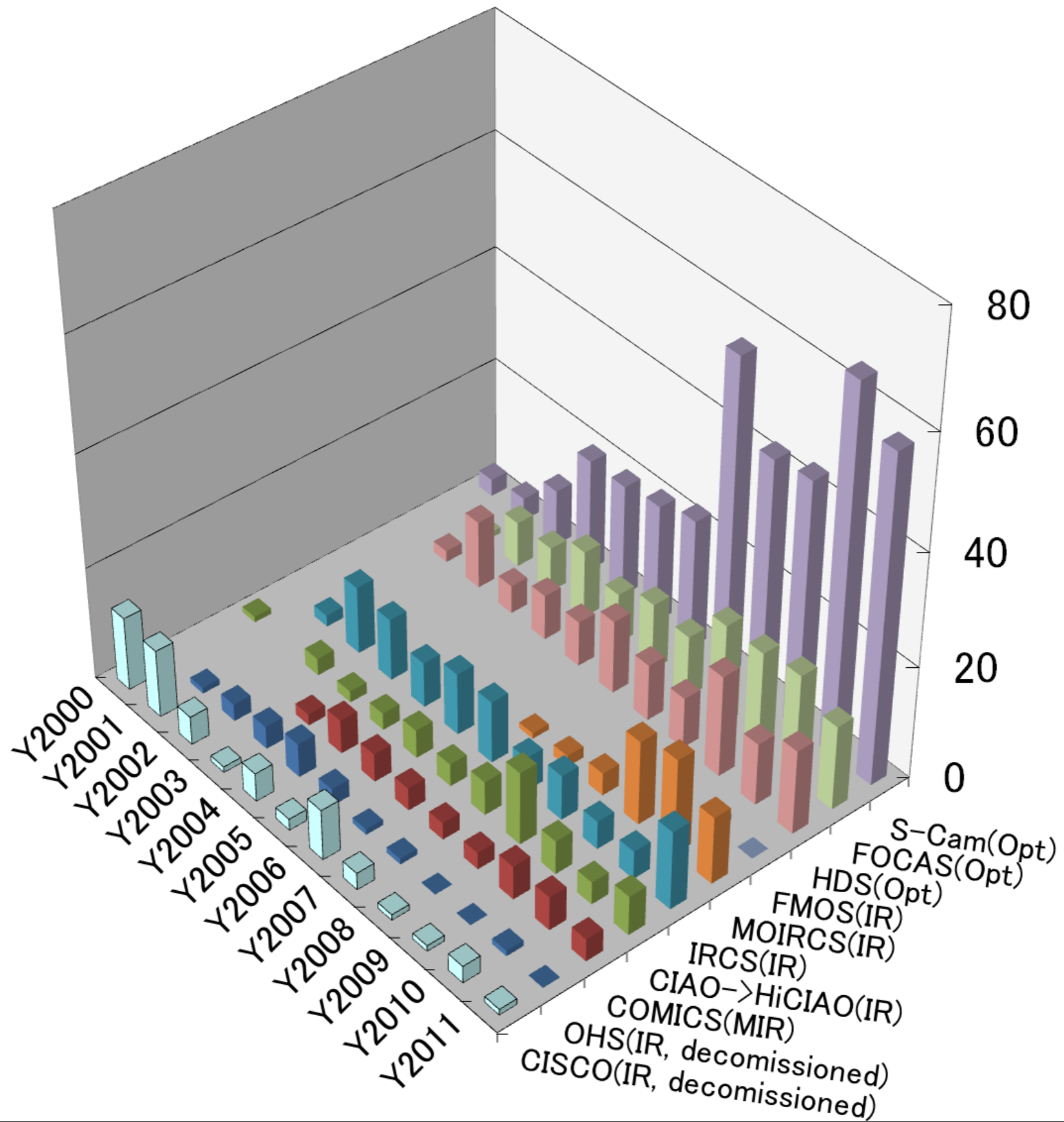


- **Suprime-Cam**: will be decommissioned after HSC is operated stably (in two years?)
- **FOCAS**: Basic observing capability (optical low/med-resolution spectroscopy), Polarimetry
 - Time exchange: DEIMOS, LRIS, GMOS
- **HDS**: Stable. Continuing science demands. $> 100,000$ resolution is unique.
 - Possible transfer to Gemini? TMT?
 - Time exchange: HIRES
- **COMICS**: unique MIR instrument.
- **IRCS**: High science demands. AO I 88/RAVEN requires IRCS.
 - Time exchange: NIRSPEC, OSIRIS, NIFS
- **MOIRCS**: upgrades. possible first-light instrument for GLAO
 - Time exchange: MOSFIRE, F2
- **FMOS**: Unique capability. H-band not covered by PFS.

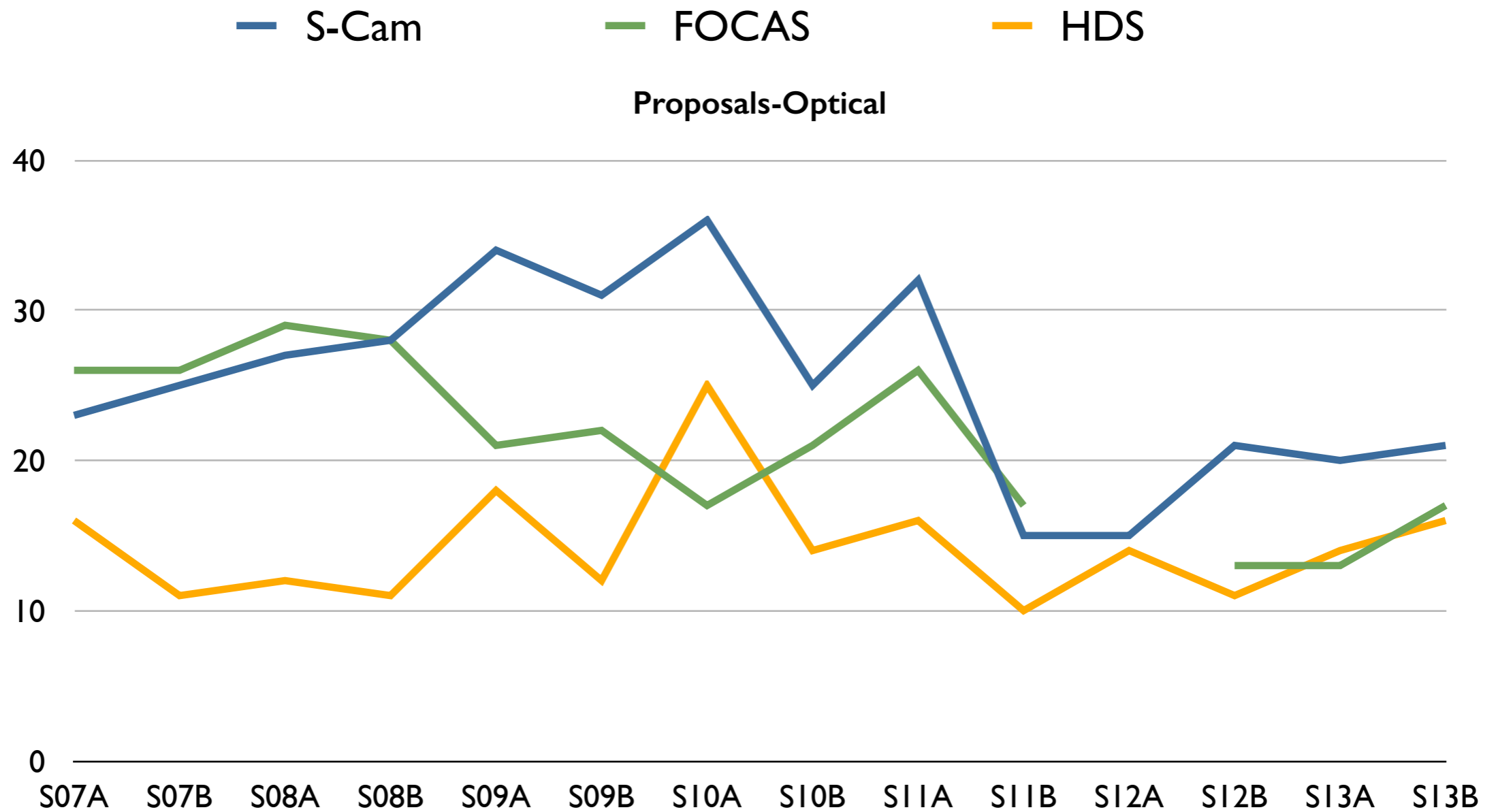
Publications per instruments



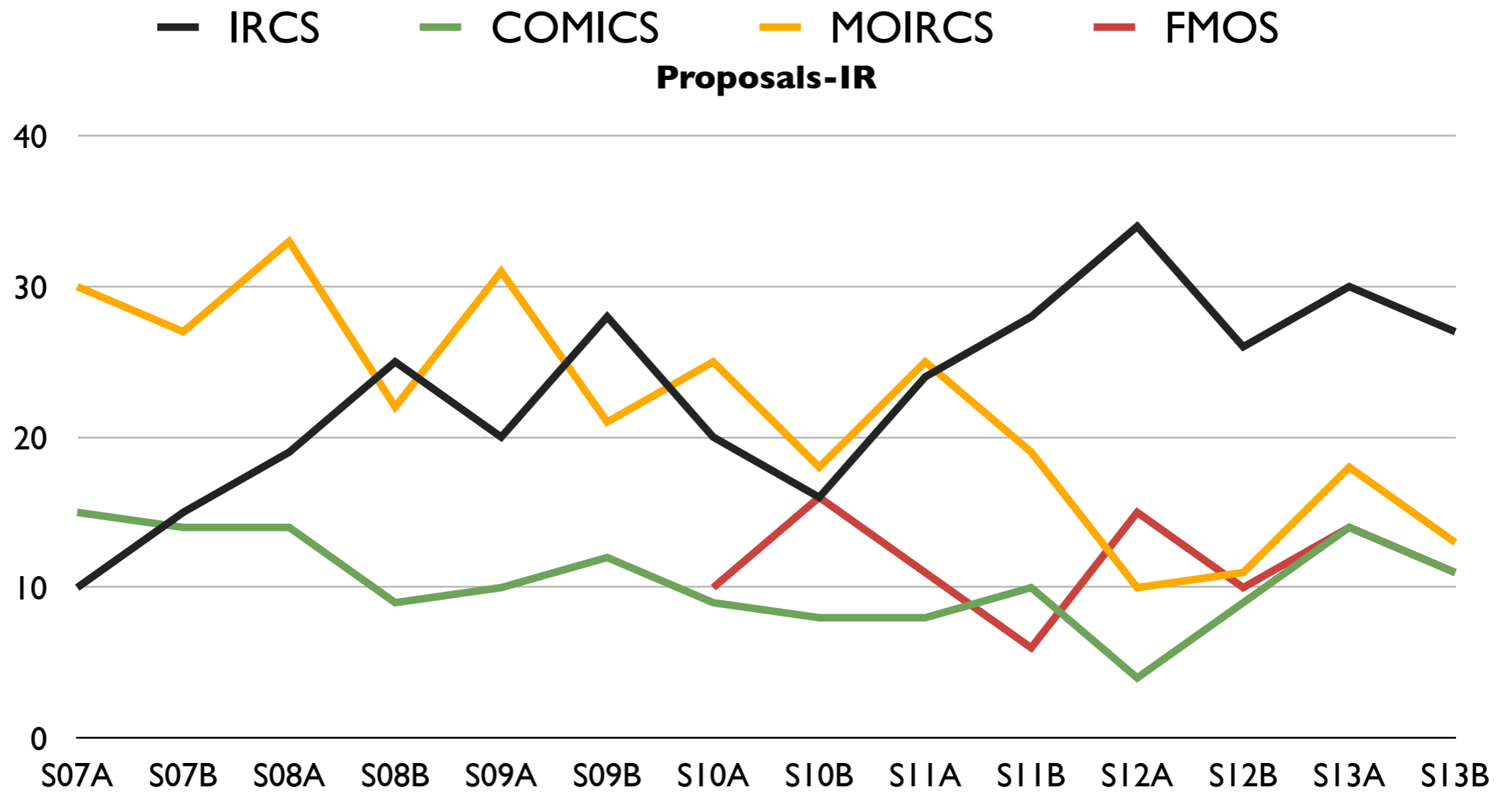
Scientific Demands

- thanks to Chie Yoshida-san at Mitaka. data as of Sept 4, 2013

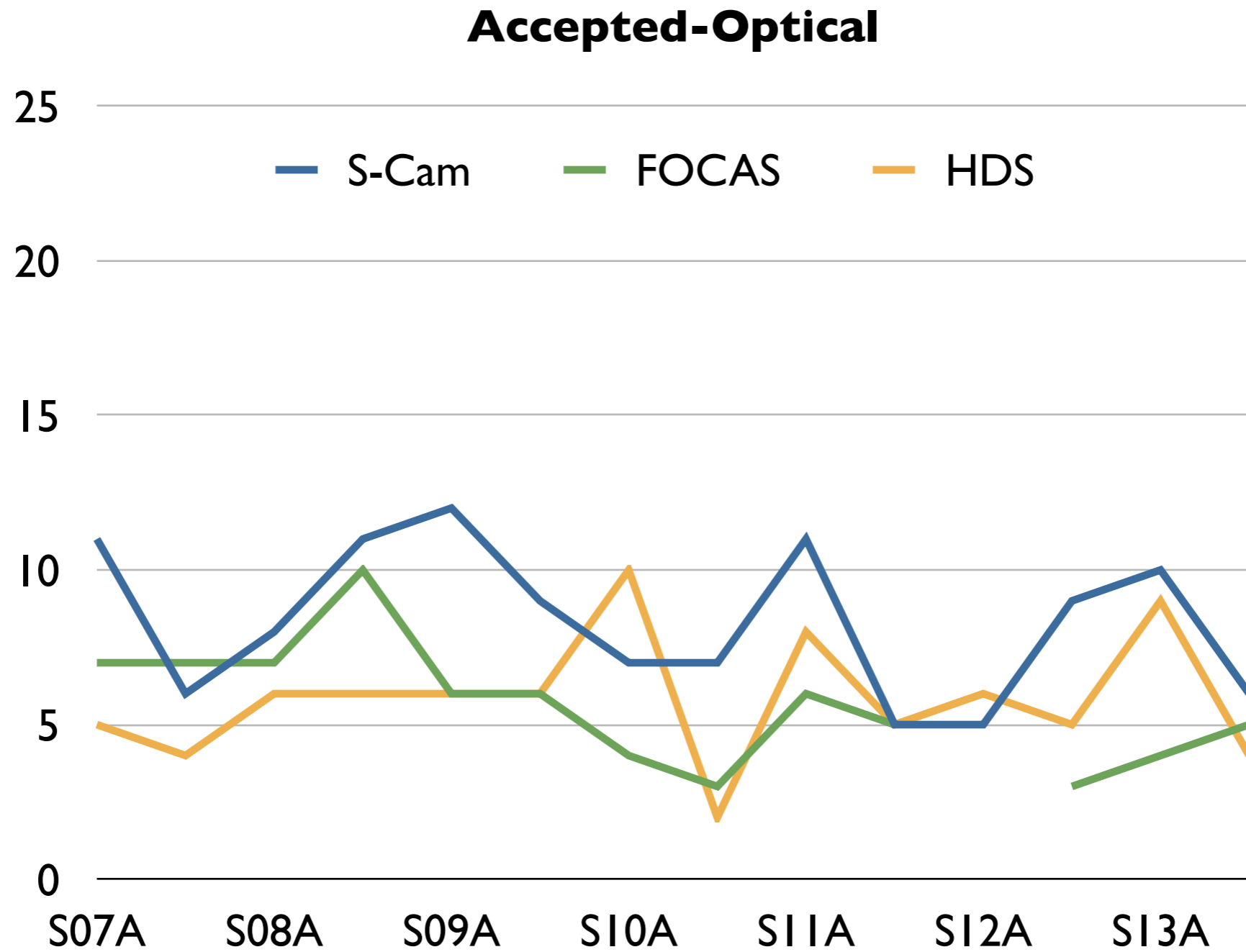
Number of Proposals Submitted



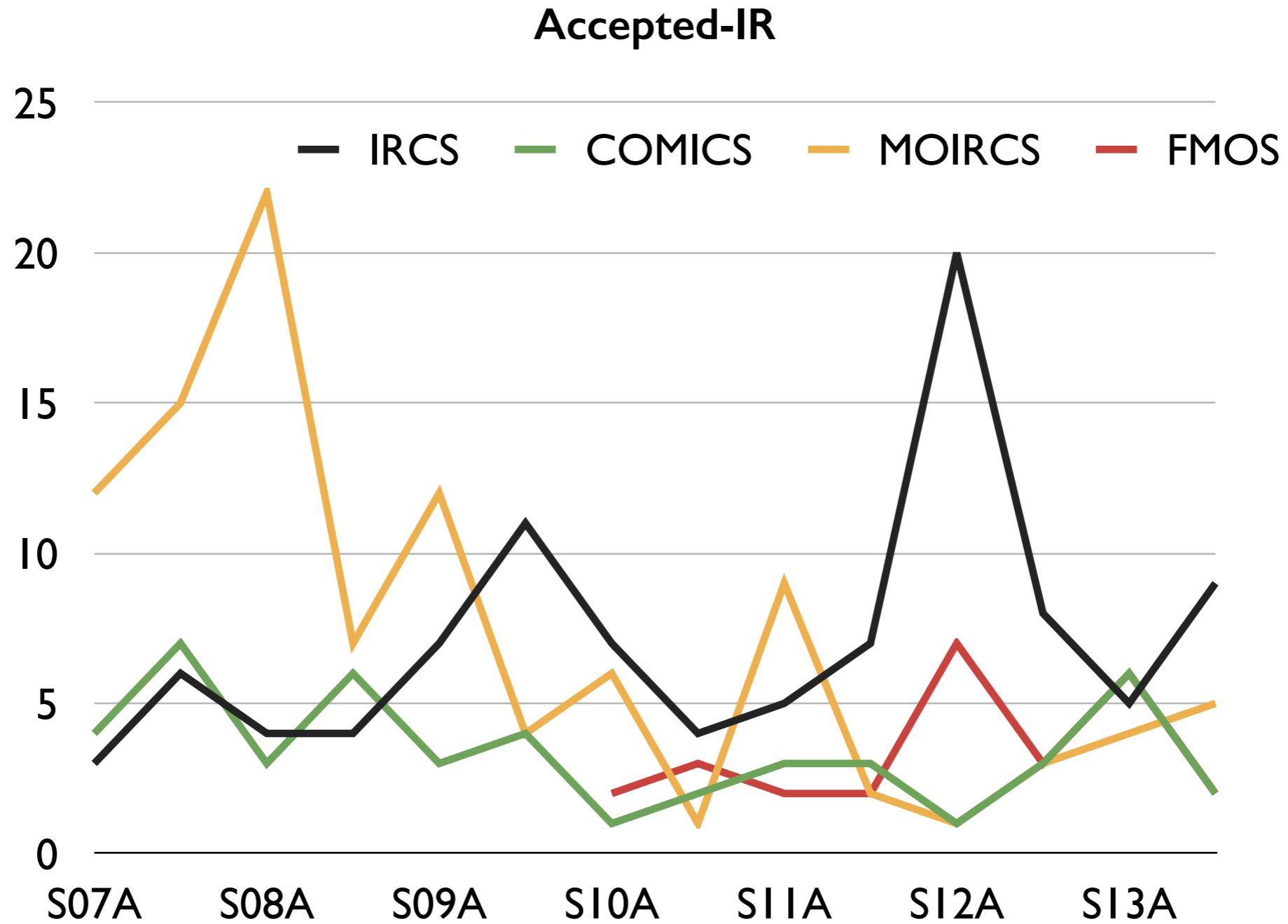
Number of Proposals Submitted



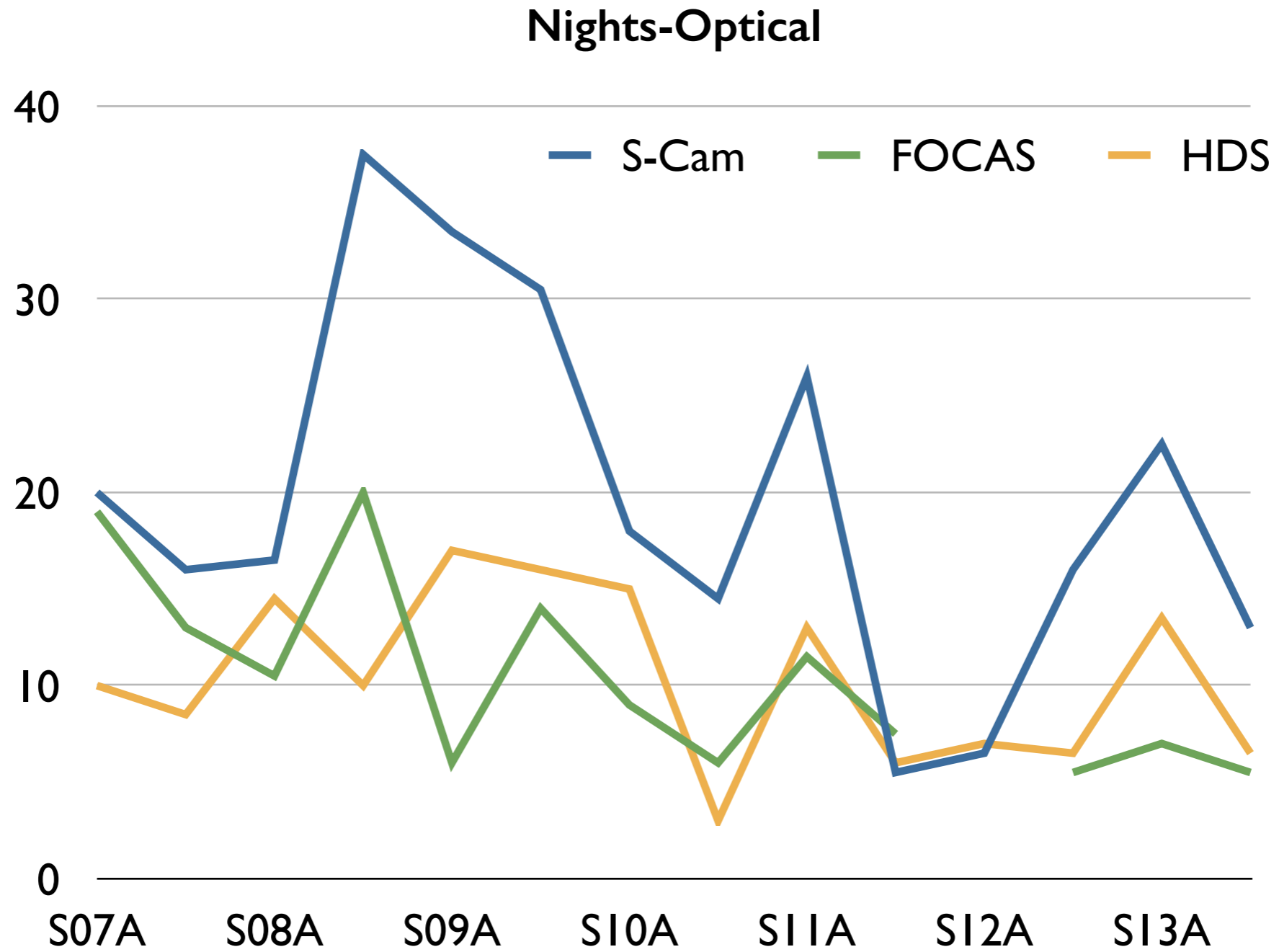
Number of Approved Programs



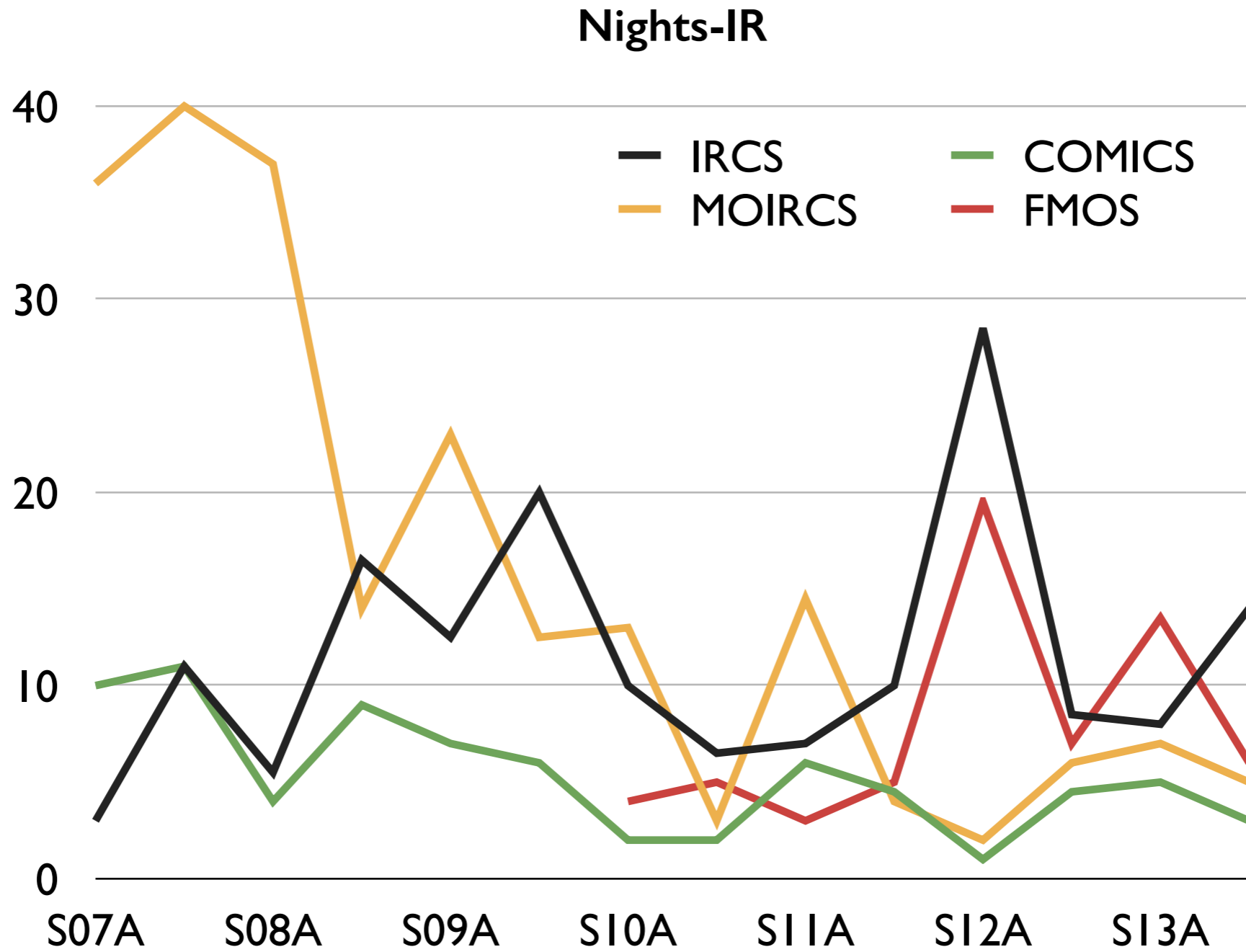
Number of Approved Programs



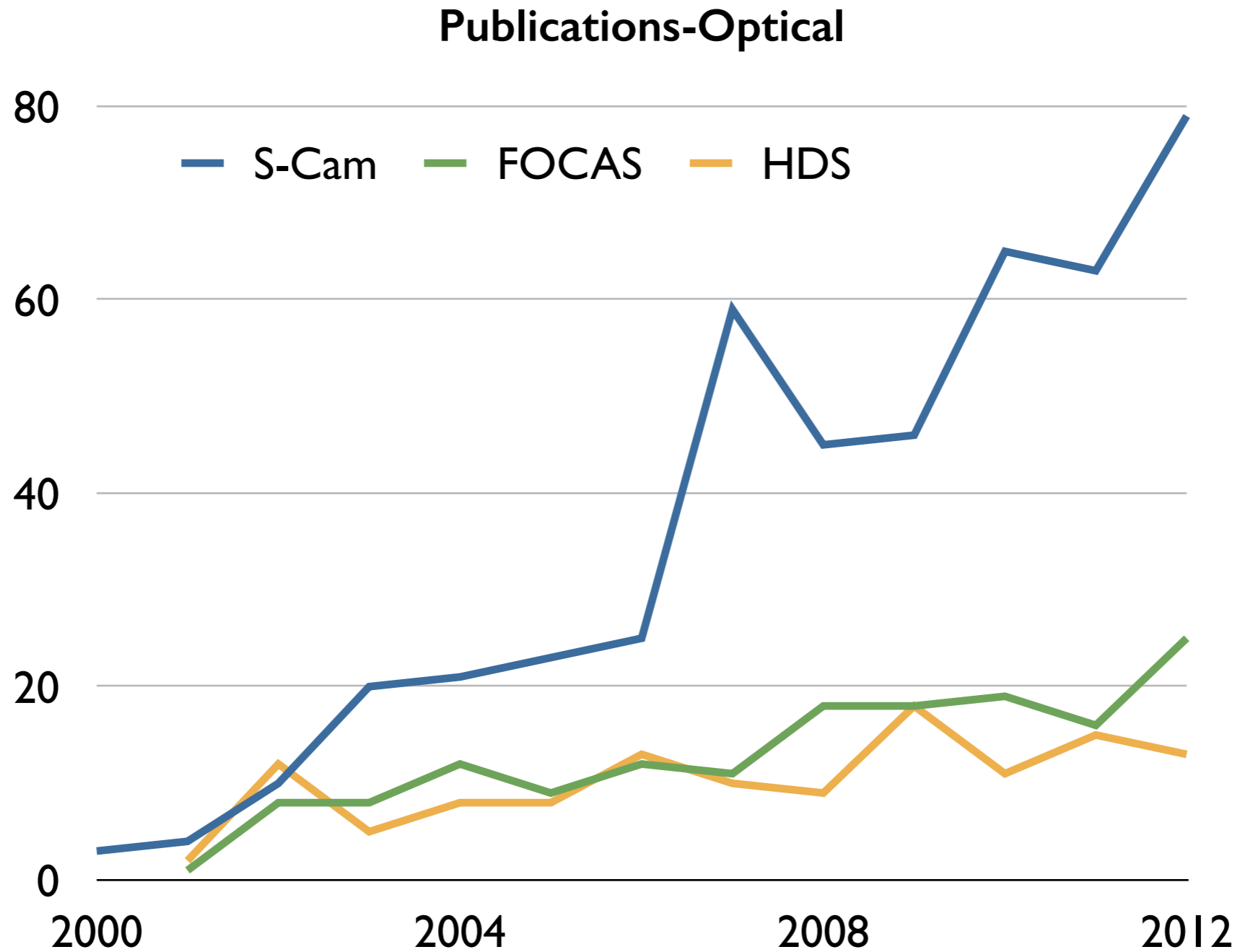
Number of Nights



Number of Nights



Annual Publications



Annual Publications

