Cycle 11 Proposal Statistics

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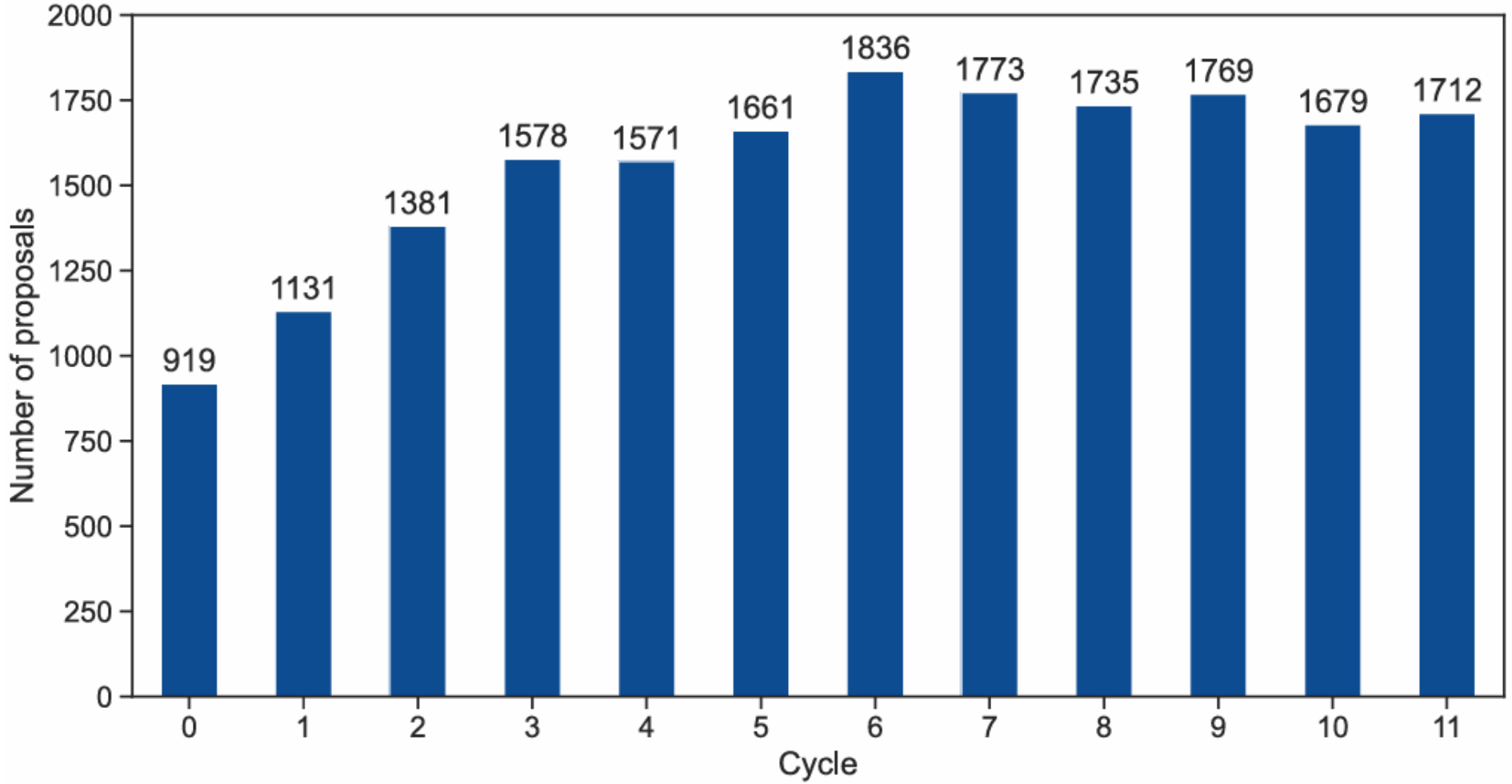
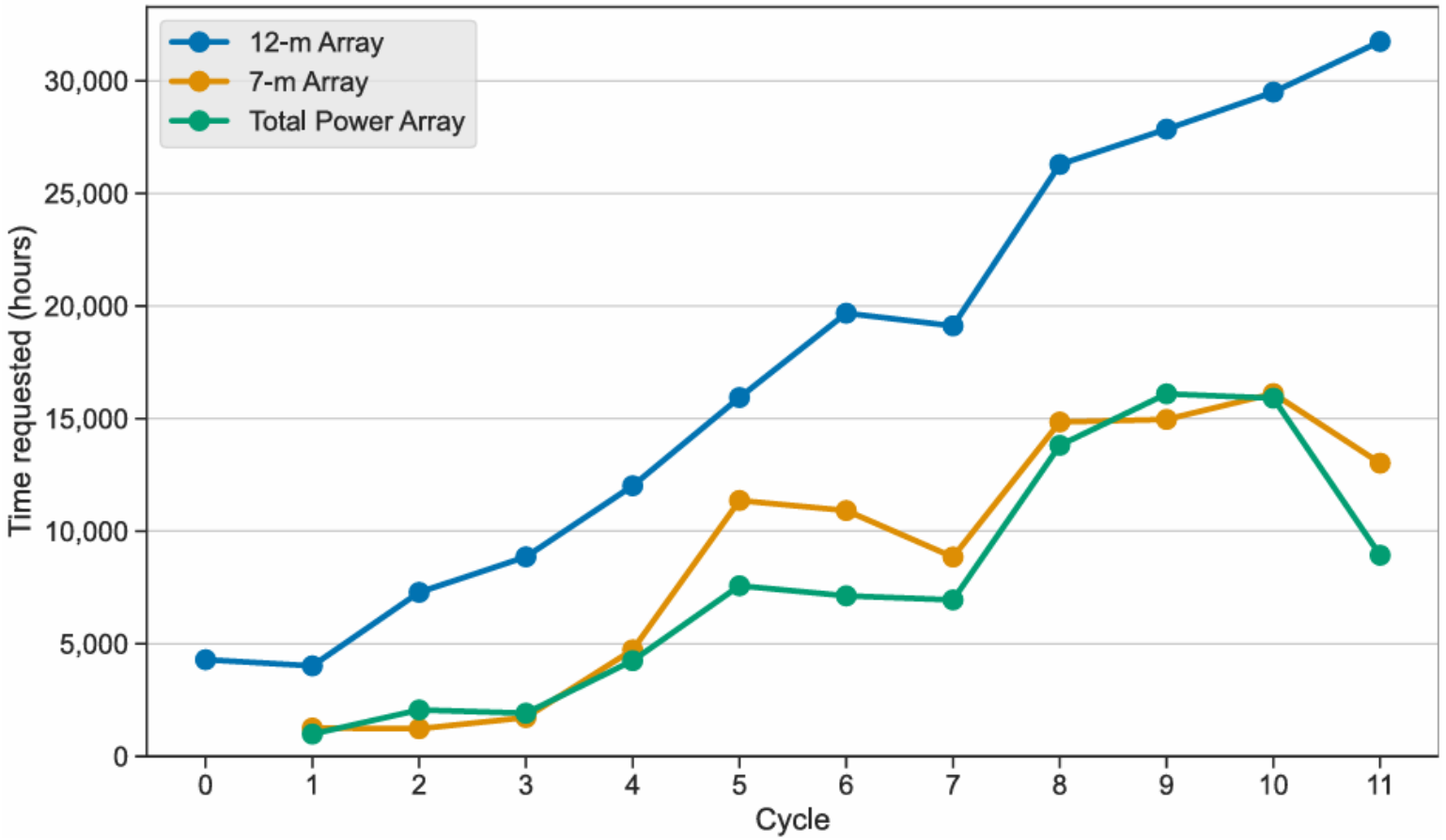
Number of submitted proposals by Cycle

- Slightly increased in Cycle 11 over Cycle 10

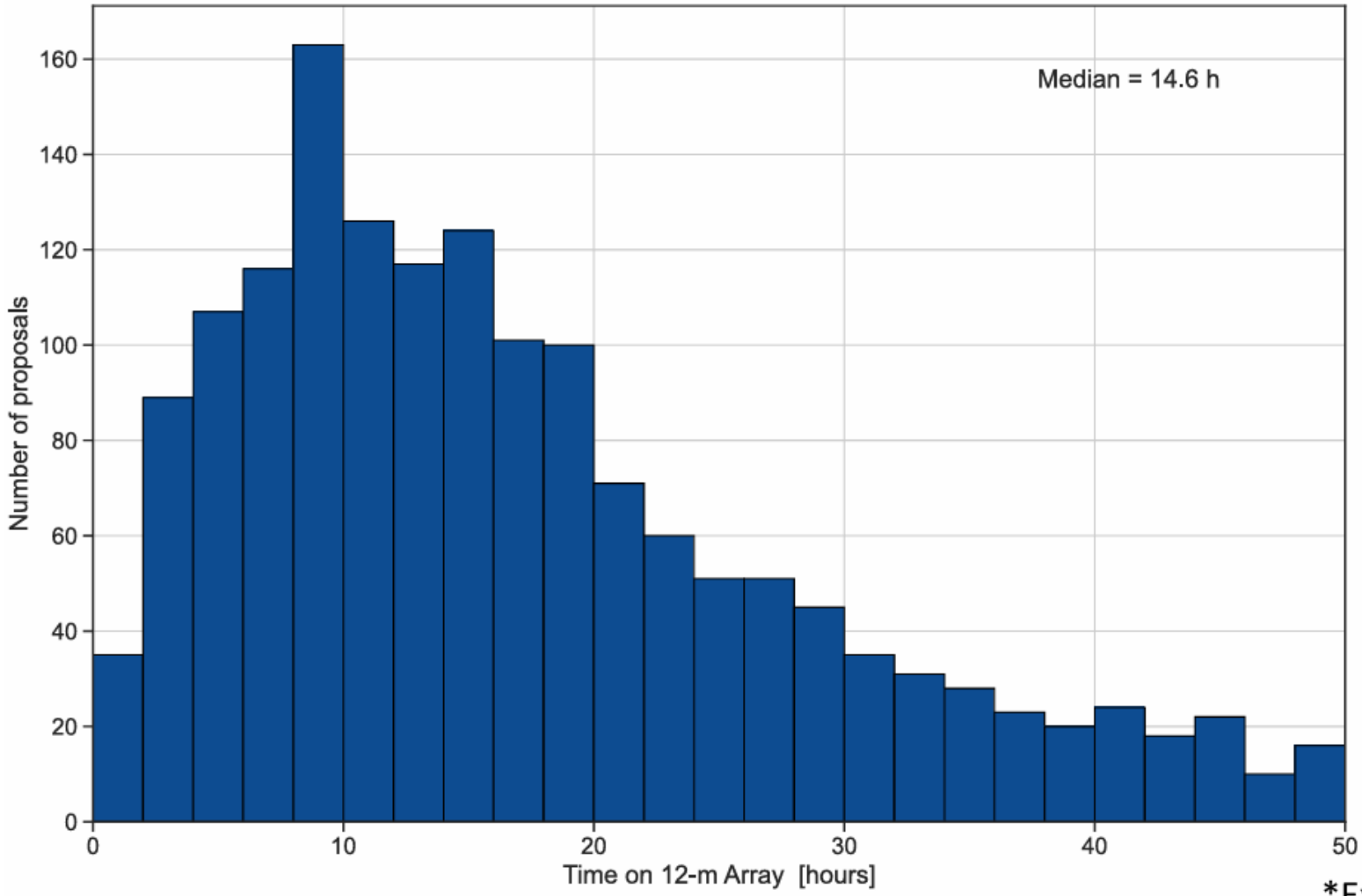


Time requested by Cycle



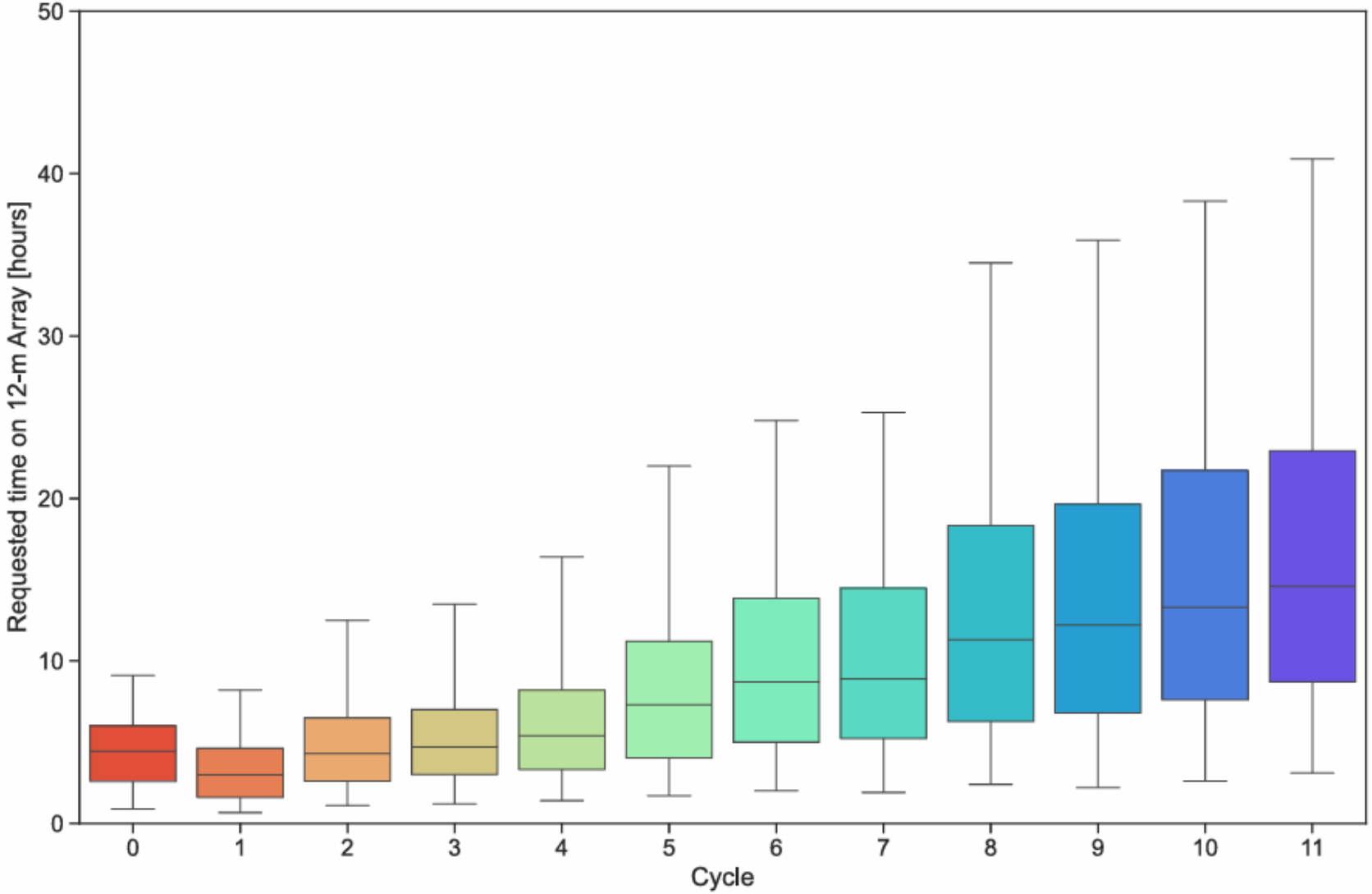
- Continued increase in the amount of requested time on the 12-m Array
- Decreased on the 7-m and Total Power Arrays
  - The number of proposals is roughly the same as in previous cycles
  - The main cause is an update to how the configurations are assigned in the OT, which impacts the time multipliers to match the 7-m and 12-m Array configurations to recover the Largest Angular Scale

Requested 12-m Array time per proposal

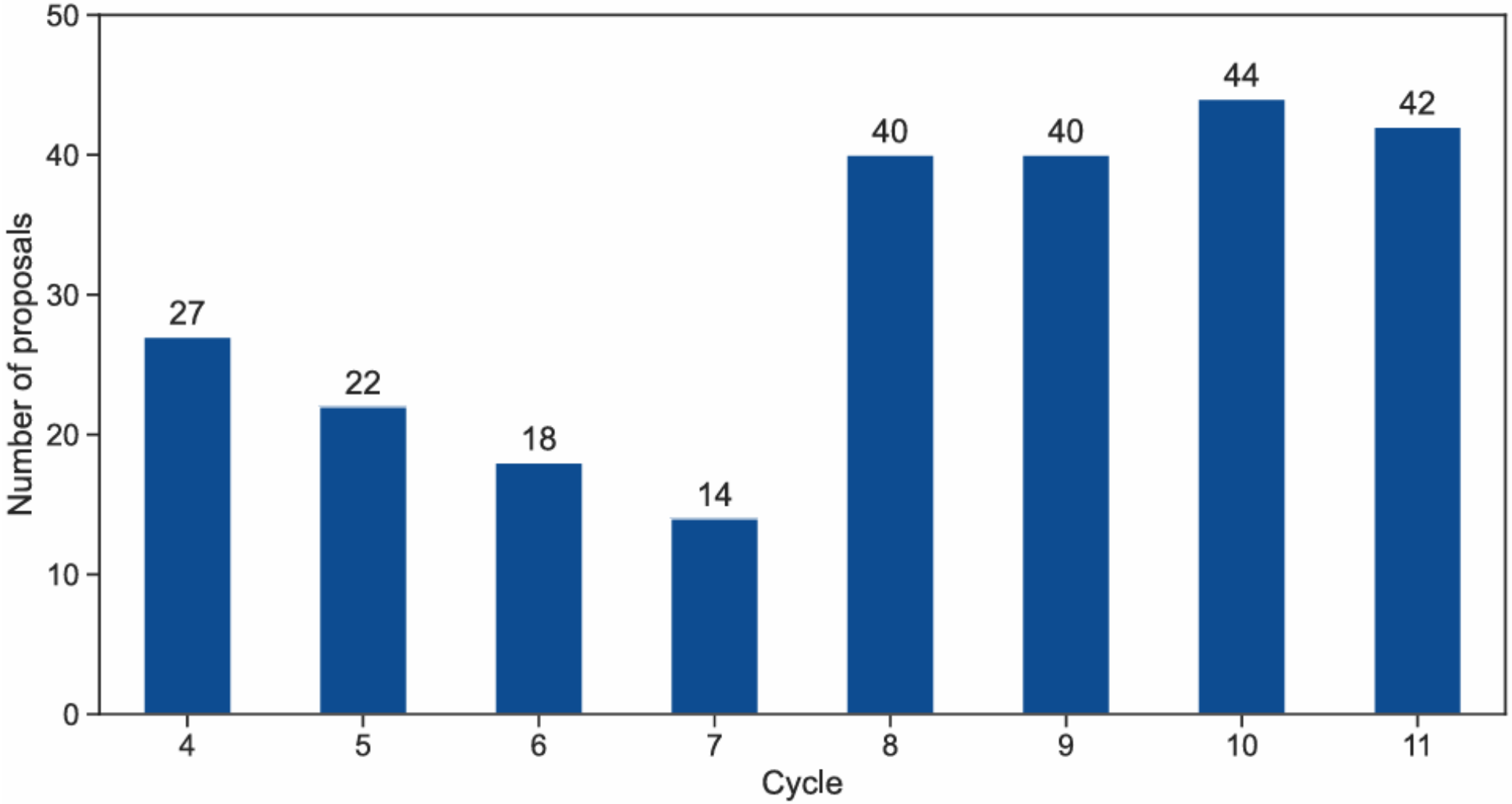


*Excluding Large Programs

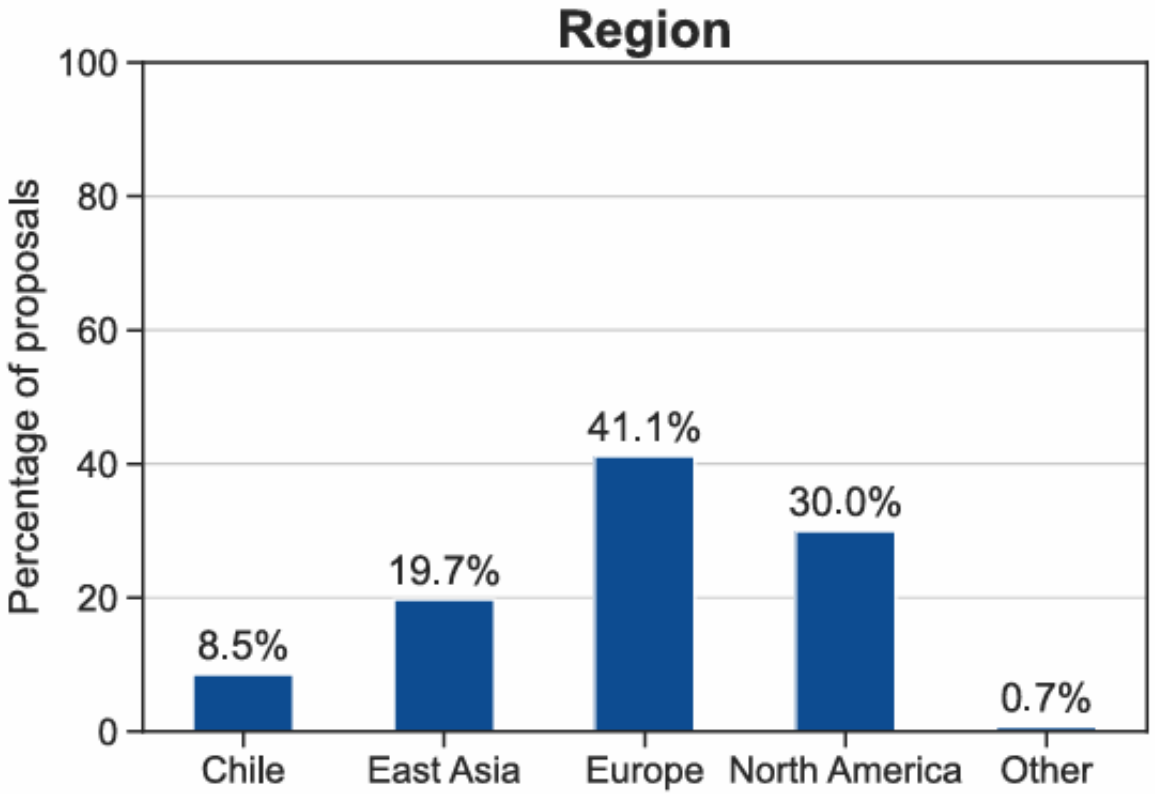
Time requests on 12-m Array by Cycle

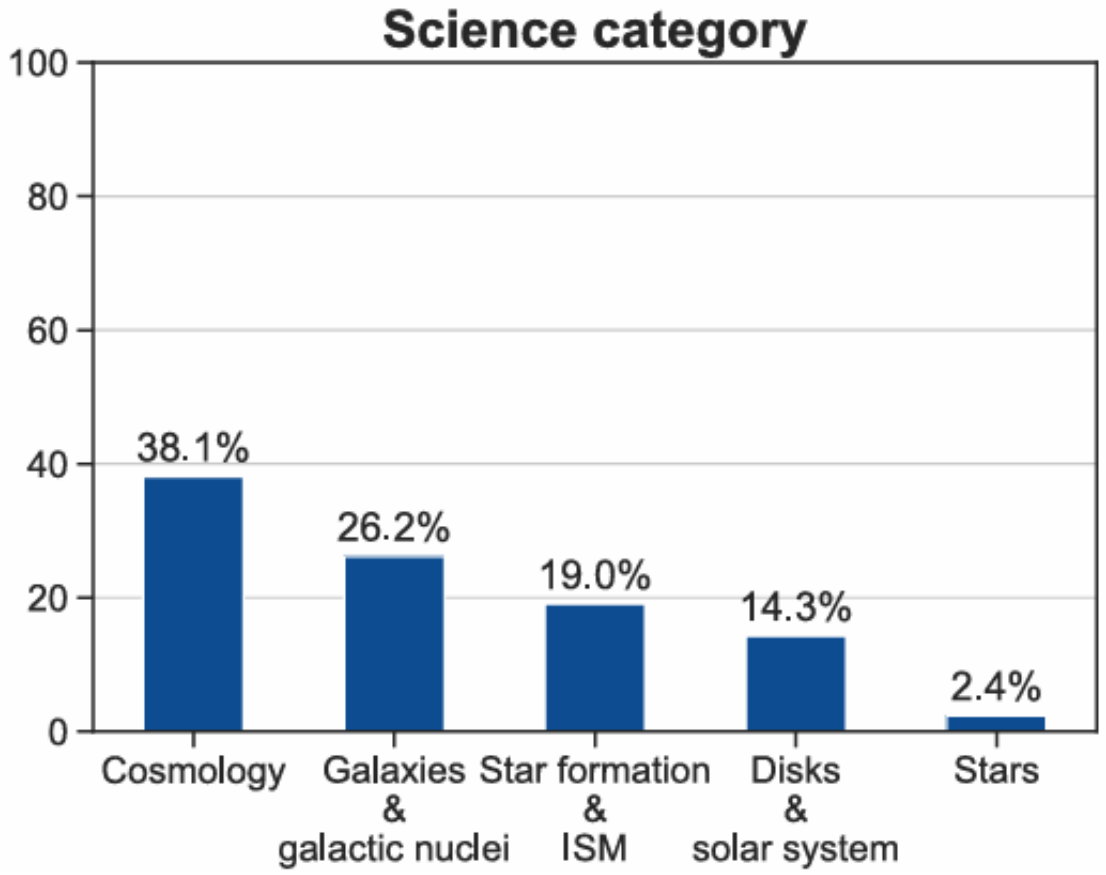


Number of submitted Large Programs by Cycle



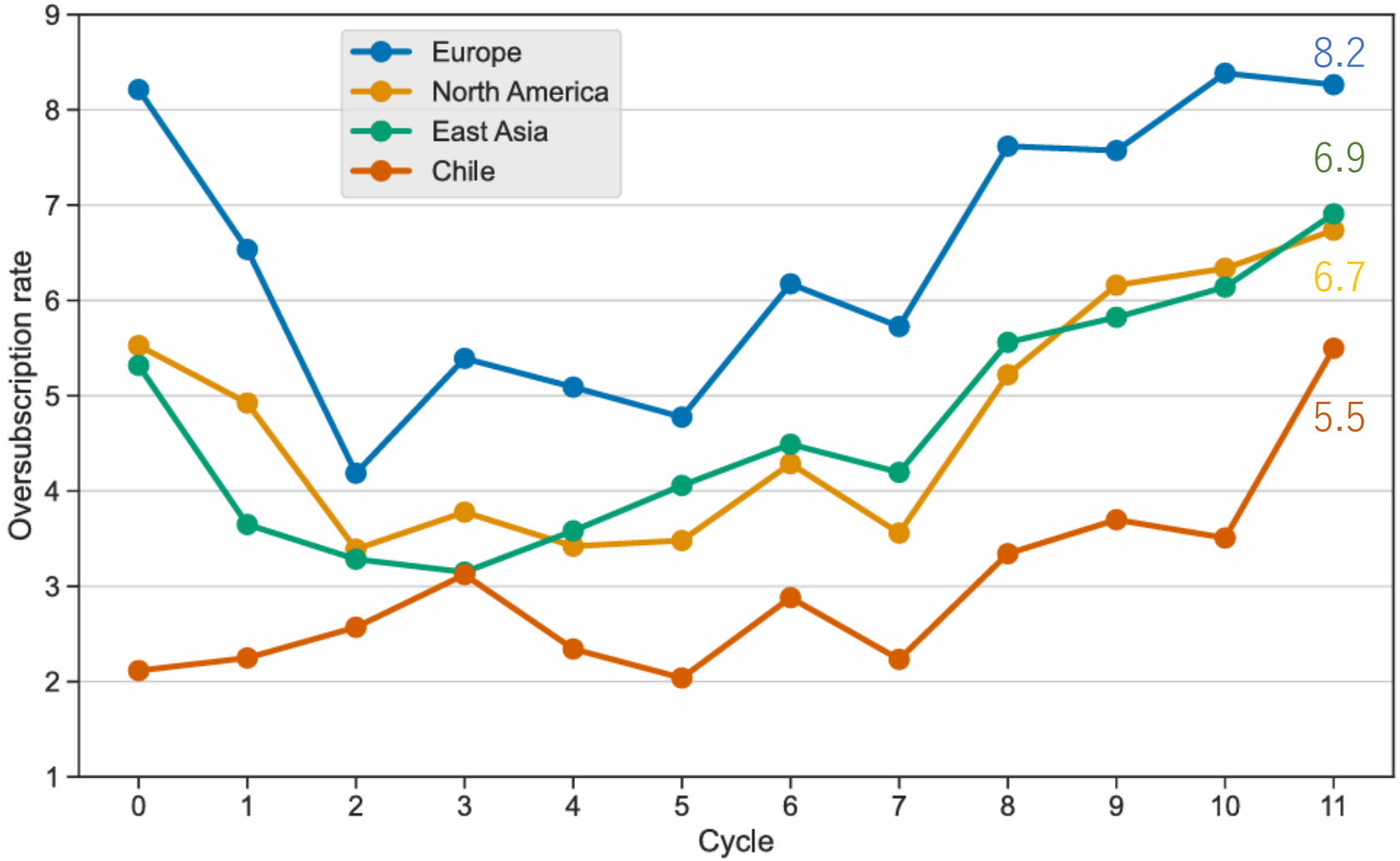
Percentage of Large Programs by region and category





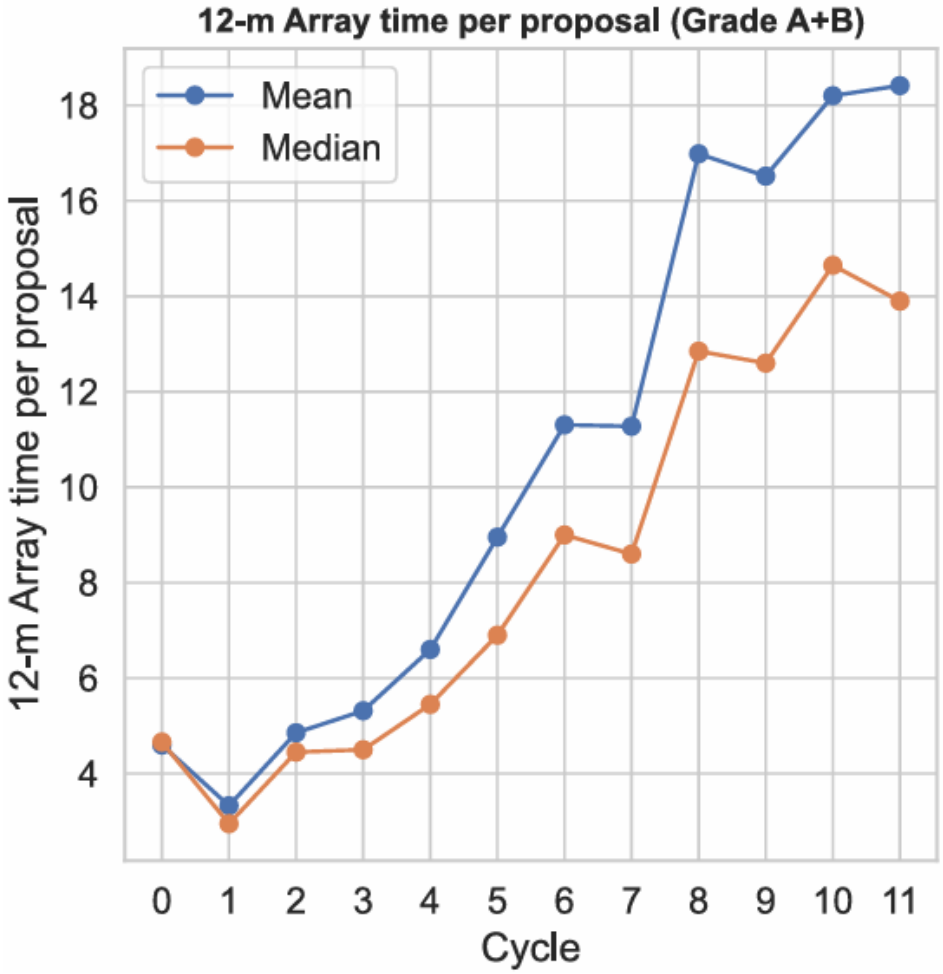
* Percentages by region correspond to the regional affiliation of the Principal Investigator (PI) and co-PIs.

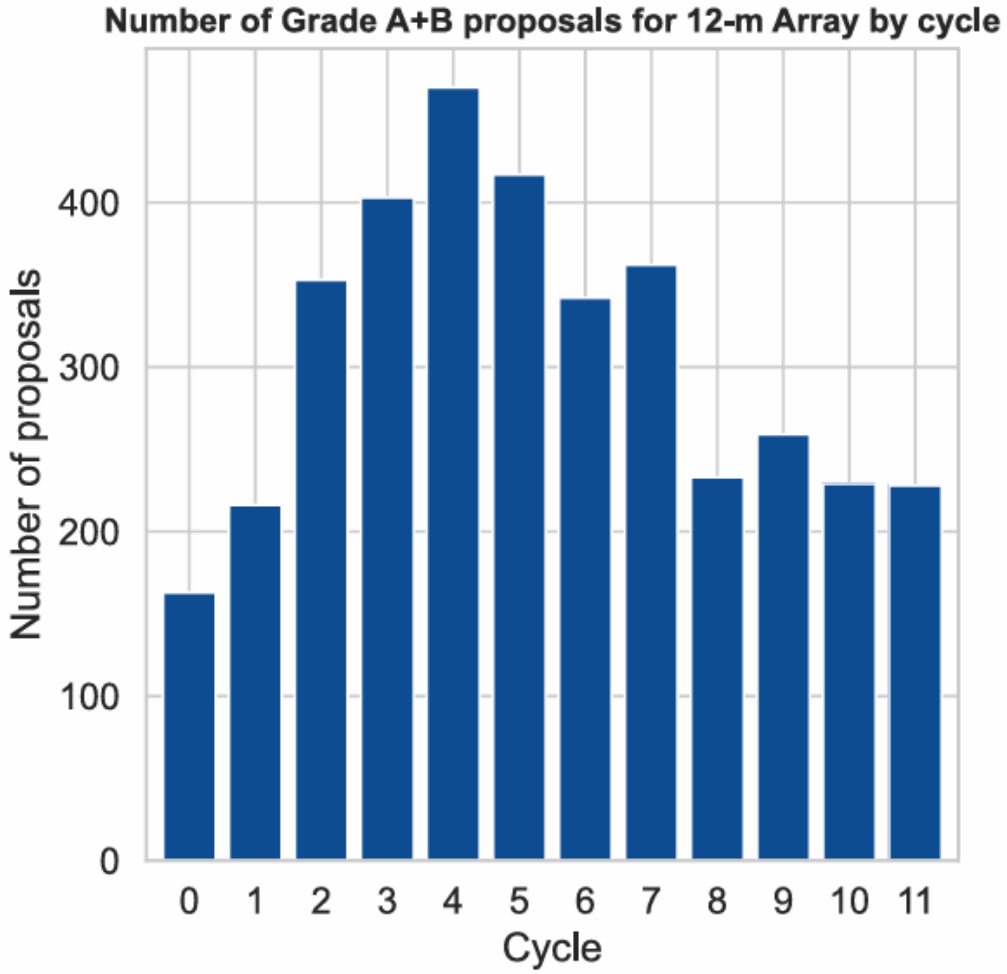
Oversubscription rate on 12-m Array by Cycle



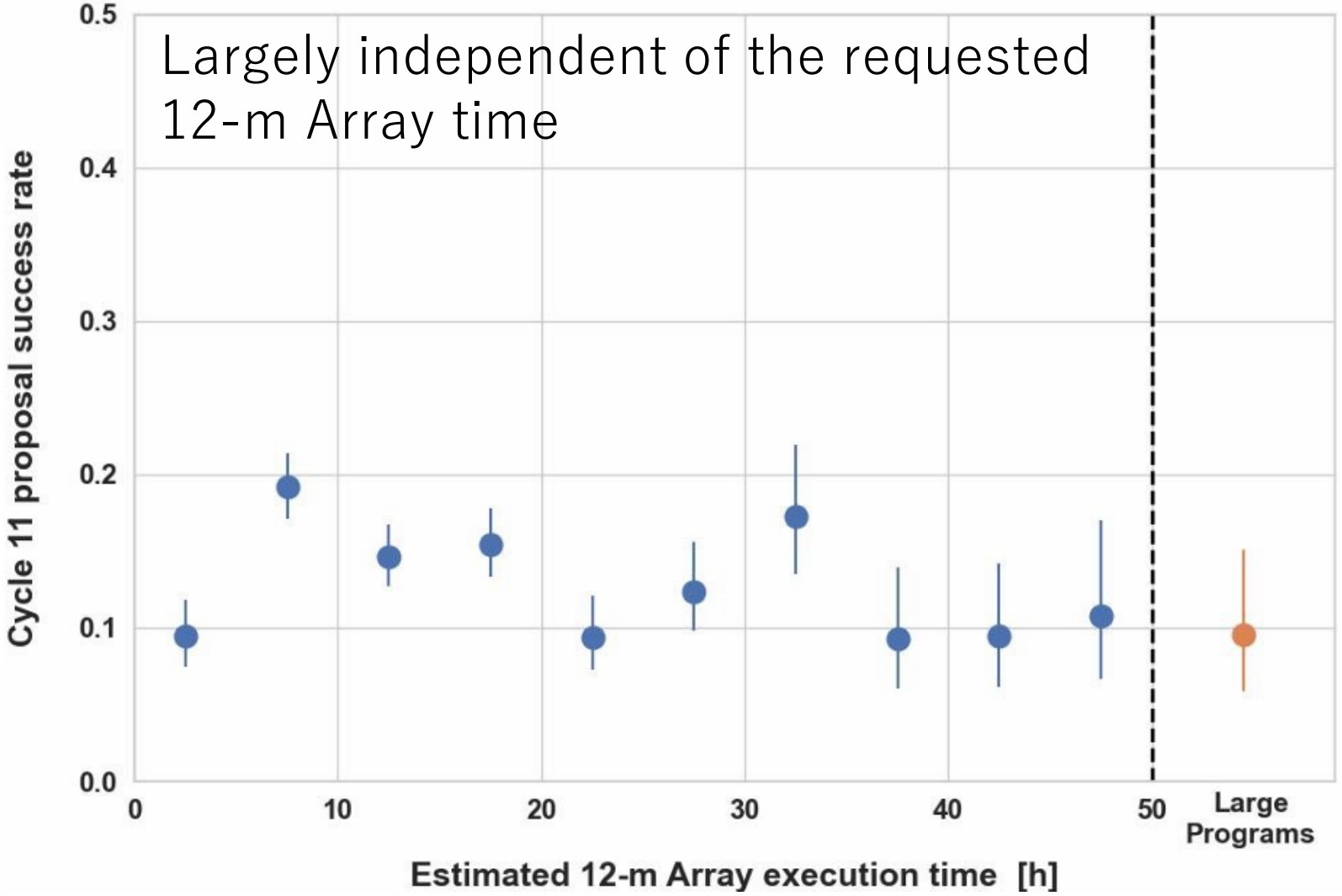
Accepted proposals (Grade A+B) by Cycle

- Roughly the same as in Cycle 10





Acceptance rate by requested 12-m Array time



Acceptance rate (Grade A+B)

Proposal Type	Nsub	Acceptance rate
All proposals	1712	14%
Large Programs	42	10%
12-m Array	1625	14%
7-m Array	354	16%
ACA standalone	87	20%
ToO	33	30%
Phased array	6	17%
VLBI	23	30%
Joint Proposals	67	16%

Category	Nsub	Acceptance rate
Category 1	364	13%
Category 2	385	13%
Category 3	467	17%
Category 4	385	14%
Category 5	111	14%

Band	Nsub	Acceptance rate
Band 1	164	21%
Band 3	365	10%
Band 4	164	10%
Band 5	149	18%
Band 6	699	13%
Band 7	626	16%
Band 8	168	14%
Band 9	124	12%*
Band 10	59	7%*

Acceptance rate highest for ToO and VLBI proposals.

1. Cosmology and the high redshift universe
2. Galaxies and Galactic nuclei
3. ISM, star formation, and astrochemistry
4. Circumstellar disks, exoplanets, and the solar system
5. Stellar evolution and the Sun

Large Programs accepted in Cycle 11

Title	PI	co-PIs	Category
CONDOR: resolving the physical processes that shape disk galaxies at Cosmic Noon	Francesca Rizzo (EU)	EU, CL, NA	10
ALMA Chemical Evolution (ACE) Survey: A Full Census of the Cycle of Gas, Metals, and Dust at Cosmic Noon	Irene Shivaei (EU)	EU	10
A Survey of Planet-Forming Chemistry in the Precursor Environments of Giant Planets	Jamila Pegues (NA)	NA, EU, EU	41
DiskStrat: The first comprehensive picture of chemical vertical structures in proto-planetary disks	Romane H. A. Le Gal (EU)	EU, EA, NA, NA	41

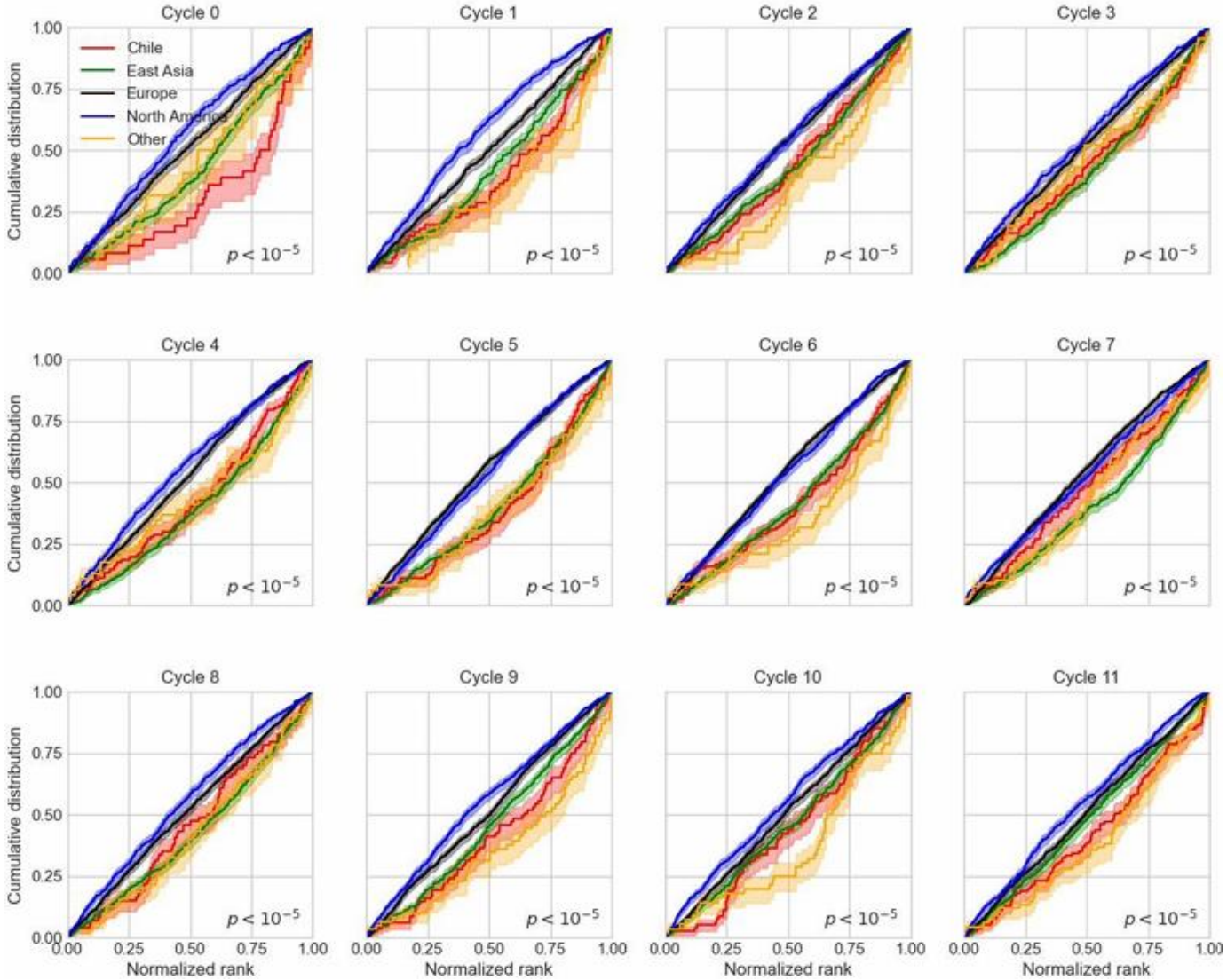
Category:
10=Cosmology and the high redshift universe
20=Galaxies and galactic nuclei
31=Interstellar medium, star formation and astrochemistry
41=Circumstellar disks, exoplanets and the solar system
50=Stellar evolution and the Sun)

Joint Proposals

Partner Observatory	Number of proposals	Time requested on Partner Observatory	Accepted
JWST	50	321 h	5 (28 h)
VLA	14	136 h	5 (42 h)
VLT	5	20 h	1 (5 h)

*67 Joint Proposals submitted in Cycle 11, as 2 proposals requested time on 2 or more partner observatories.

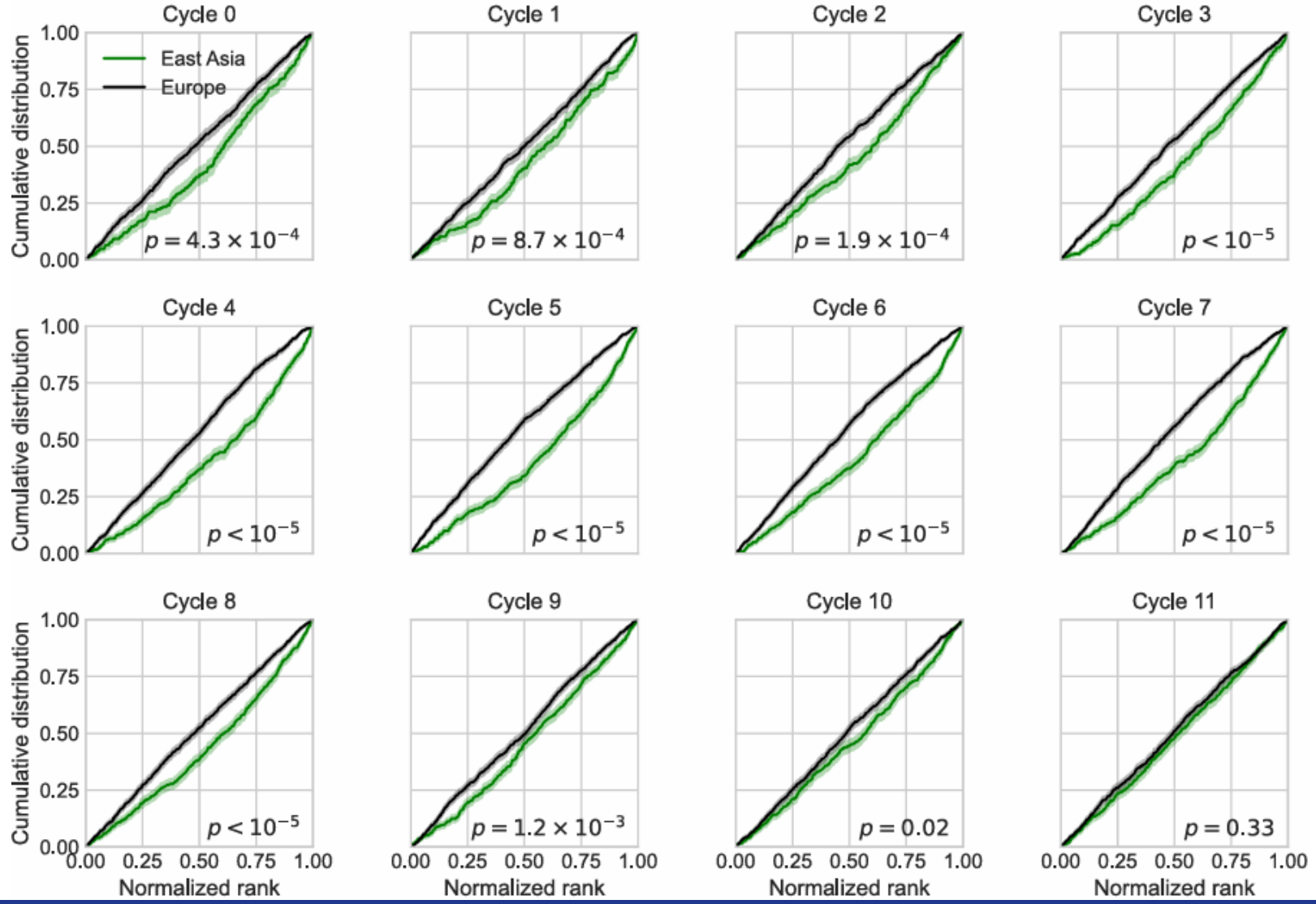
Difference in rankings between by region



Cumulative distribution of ranks by cycle. Curves shifted to the upper left have better ranks.

- North America continues to have overall ranks better than average
- Chile and open skies tend to have ranks below average
- Trend for East Asia is positive (see next slide)

Difference in rankings between EA and Europe



- In Cycles 0-9, EU had statistically better ranks than EA
  - Difference has been decreasing since Cycle 8
  - In Cycle 11, rankings between EA and Europe were indistinguishable

Summary

- Cycle 11 proposal statistics
  - Slight increase of submitted proposals in Cycle 11 over Cycle 10
  - Largest amount of time requested on the 12-m Array.
  - Highest oversubscription rate in EA, NA, and Chile among the Cycles.
  - Acceptance rate is independent of the requested 12-m array time.

- Systematics in overall rankings
  - NA continues to have overall ranks better than average
  - Trend for EA is positive: Rankings between EA and Europe were indistinguishable in Cycle 11.

- DDT (until Cycle 10)
  - Acceptance rate is ~30-40%
  - The fraction of EA is smaller than NA and Europe