



**STScI** | SPACE TELESCOPE  
SCIENCE INSTITUTE

EXPANDING THE FRONTIERS OF SPACE ASTRONOMY

# HST Cycle 34: Science Program Selection Results

---

Science Policy Division

Space Telescope Science Institute

July 21, 2026



## Review Summary

---

- Submissions Overview
- Executive Summary of Review Recommendations
- Recommended EC and Medium Proposals
- Summary Statistics
- Statistical Charts
- Initiative and Special Proposal Categories
- Compliance Violations
- Investigator Statistics
- Resource Recommendations



## Cycle 34 Review Schedule

| Date                   | Milestone                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------|
| April 16 2026          | Cycle 34 Proposal Deadline                                                                  |
| May 1, 2026            | STScI releases proposals to panelists for review                                            |
| May 4, 2026            | Orientation meeting for Discussion panelists                                                |
| May 5, 2026            | Orientation meeting for External panelists                                                  |
| May 29, 2026           | Deadline for Discussion panelists to submit preliminary grades for their assigned proposals |
| May 29, 2026           | Deadline for External panelists to submit grades and comments for their assigned proposals  |
| May 29, 2026           | Deadline for EC to submit preliminary grades for Large, Treasury, and AR Legacy proposals   |
| June 5, 2026           | STScI sends each Discussion panelist the list of proposals to be discussed by their panel   |
| June 9, 2026           | Orientation meeting for Executive Committee                                                 |
| June 22 – 25, 2026     | Discussion panels meet                                                                      |
| June 29 – July 1, 2026 | Executive Committee meets                                                                   |
| July 7, 2026           | Deadline for Panel Chairs to submit final consensus reports                                 |
| Late July, 2026        | STScI releases the Cycle 34 Science Program                                                 |



## Submissions

---

- The HST Cycle 34 Phase I deadline was on April 16, 2026
  - A total of **884 submissions** were received by this date
  - **52 proposals** were found to be non-compliant and disqualified:
    - 9 DAPR, 28 template changes, 10 page-limit violations, 5 other violations
  - 96 Proposals received a warning
- The 832 reviewed proposals requesting 19,101 orbits include:
  - 199 proposals led by ESA PIs (23.9%)
  - 7,379 Investigators in total
  - 3,399 Unique investigators (PI, co-PI & co-I)
- Representation from:
  - 53 Countries (*new Countries: Algeria, Ethiopia*)
  - 43 US states and territories (+ DC)
  - Details in Investigator Statistics

*Statistics in this package are based on 832 reviewed proposals*



# Executive Summary

---



## Executive Summary of Accepted Proposals

---

- Recommended 124 Proposals for 2,731 Orbits (15 % acceptance fraction)
- 106 GO: Acceptance Rate 1:6.7 for proposals and 1:7 for orbits
- 8 SNAP: Acceptance rate 1:3.4 for proposals and 1:5 targets
- 10 AR: Acceptance rate: ~1:7.2 for proposals
  - 8 Regular AR: Acceptance rate: ~1:6 for proposals
  - 2 Theory: Acceptance rate 1:13 for proposals
- No Legacy Opportunity offered this cycle
- 24% of program awarded to Large/Treasury Programs, 34% to Mediums, 28% to Small Programs and 14% to Very Small Programs.
- Instrument breakdown for GO Programs:  
ACS (9.3 %), COS (11.5 %), STIS (15.1 %), WFC3 (52.4 %)
- Imaging (68.5 %) and Spectroscopy (31.5 %)
- 31% of PIs are 1st time HST PIs (38 of 121 unique)



## Executive Summary Continued

---

- **ESA acceptance fraction:**
  - 19.4% PIs are from ESA and 17.3% orbits allocated to ESA PIs
  - ESA Cols are 27% of the total Cols
- **Recommended \$ awards to AR programs unknown at this time**
- **Proposal acceptance fraction for panelists is same as the average acceptance**
- **Chandra:** 1 out of 6 recommended for 50 Ksecs & 26 Orbits
- **JWST:** 7 out of 45 recommended for 120 Hours & 245 Orbits
- **NOIRLab:** 3 out of 13 recommended for 5.4 nights & 113 Orbits
- **NRAO:** 1 out of 4 recommended for 10 Hours & 26 Orbits
- **XMM-Newton:** 3 out of 12 recommended for 182 Ksecs & 27 Orbits
- **HST-TESS Exoplanet Initiative** – 0 out 1 recommended



## Executive Summary Continued

---

- **Medium Proposals**
  - 19 out of 112 recommended for 922 orbits
  - 46 were triaged
- **Calibration Proposals** – none submitted
- **Targets of Opportunity**
  - *2 activations < 2 days, 5 activations < 3 weeks, 9 ≥ 3 weeks and 0 Flex Days*
- **Pure Parallels** – none submitted
- **Cloud Computing** – 1 out of 3 recommended
- **Data Science Software** – 1 out of 6 recommended
- **Long-Term Monitoring Initiative** - 4 out of 18 recommended (1:4.5)
- **Hubble-Roman Science Initiative** – 6 out of 20 recommended (1:3.3)
- **Habitable Worlds Observatory Precursor Science Initiative** – 9 out of 41 recommended (1:4.6)
- **ULLYSES Support** – 4 proposal recommended for 92 orbits (2 AR proposals)
- **Rocky Worlds DDT** – 0 recommended (1 AR submitted)



## Summary Results

| Proposals                   | Requested | Approved | % Accepted | ESA Accepted | ESA % Total |
|-----------------------------|-----------|----------|------------|--------------|-------------|
| General Observer            | 733       | 106      | 14.5%      | 24           | 22.6%       |
| Snapshot                    | 27        | 8        | 29.6%      | -            | -           |
| Archival Research (Regular) | 46        | 8        | 17.4%      | -            | -           |
| Theory                      | 26        | 2        | 7.7%       | -            | -           |
| Total                       | 832       | 124      | 14.9%      | 24           | 19.4%       |
| Primary Orbits              | 19,101    | 2,731    | 14.3%      | 472          | 17.3%       |

A deep space image featuring a dense field of stars and a prominent nebula with blue and purple hues. The text "Recommended EC and Medium Proposals" is centered in white, with a thin orange line underneath.

# Recommended EC and Medium Proposals

---



# Recommended Programs from the Executive Committee

| ID    | Orbits | Science Category                                   | Title                                                                                                                                              |
|-------|--------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 07213 | 193    | Stellar Populations and the Interstellar Medium    | <i>Completing a Legacy Dataset with Deep HST Imaging of 121 Nearby Star-Forming Galaxies</i>                                                       |
| 07296 | 160    | Intergalactic Medium and the Circumgalactic Medium | <i>Illuminating the Physics of the Baryon Cycle with HIGHLIGHTS: the HST Imaging of Galaxy Halo LIGHT Survey</i>                                   |
| 07612 | 210    | Stellar Populations and the Interstellar Medium    | <i>The Panchromatic Hubble Andromeda Treasury: Triangulum Extension Surrounding Territory (PHATTEST)</i>                                           |
| 07629 | 98     | Stellar Populations and the Interstellar Medium    | <i>A systematic time-resolved mapping of the baryon cycle across the low metallicity regime in a representative sample of very nearby galaxies</i> |

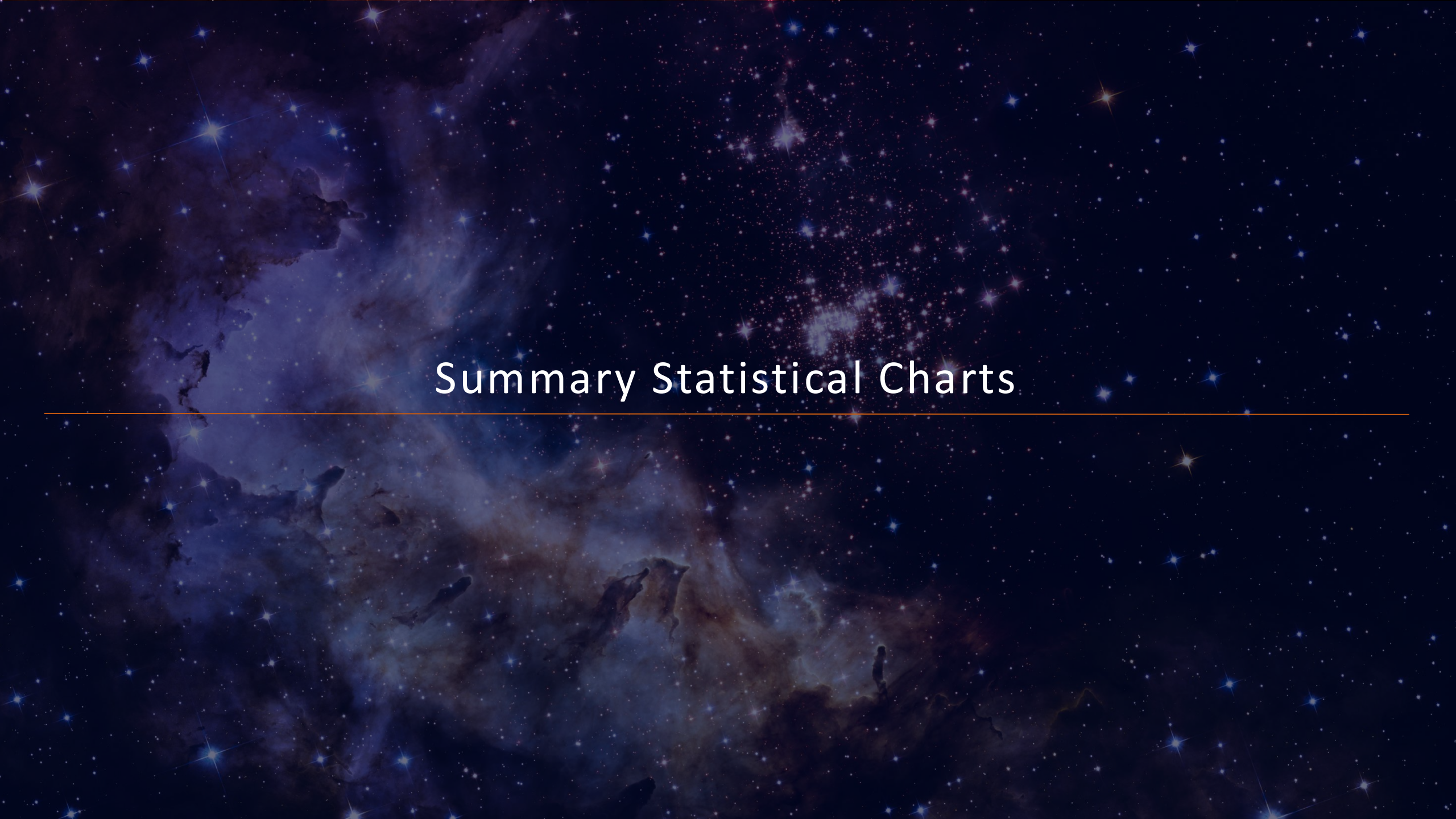
ID Order



# Recommended Medium Programs from the Panels

ID Order

| ID    | Orbits | Science Category                   | Title                                                                                                                       |
|-------|--------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 06978 | 74     | Stellar Physics and Stellar Types  | <i>CALYPSO: the Comprehensive Atlas of Low-mass Young Planet-hosting Stellar Objects</i>                                    |
| 07039 | 42     | IGM/CGM                            | <i>The Intra-Group Medium of Local Group Analogues</i>                                                                      |
| 07045 | 44     | IGM/CGM                            | <i>Minor Axis, Major Insight: A COS Survey of Multi-Phase Galactic Outflows</i>                                             |
| 07075 | 40     | Stellar Populations and the ISM    | <i>Measuring Andromeda's Alpha-Element Enrichment in 100,000 Red Giants</i>                                                 |
| 07081 | 35     | Stellar Populations and the ISM    | <i>The First Direct Measurement of UV Extinction Curves Outside the Local Group in the LMC-like galaxy, NGC 55</i>          |
| 07151 | 36     | Exoplanets and Exoplanet Formation | <i>Mapping the Transition from Cloudy to Cloud-Free Atmospheres with NUV-Optical Transit Spectra of Three Giant Planets</i> |
| 07171 | 65     | Exoplanets and Exoplanet Formation | <i>Probing the Chemical Makeup of Planetary Debris Around the Youngest White Dwarfs</i>                                     |
| 07196 | 42     | Galaxies                           | <i>Under Pressure: Star Cluster Formation and Evolution in Merger-Induced Starburst Galaxies</i>                            |
| 07232 | 39     | Galaxies                           | <i>CLASSY AGaIN: A COS Atlas of Low-Metallicity AGN for Rest-Frame UV Diagnostics in the JWST Era</i>                       |
| 07290 | 40     | Stellar Physics and Stellar Types  | <i>An ultraviolet time-domain survey of the core-collapsed globular cluster NGC 6752</i>                                    |
| 07311 | 26     | Stellar Physics and Stellar Types  | <i>Supernova of the Year: A Complete Picture of a Single Extraordinary Type Ia Supernova</i>                                |
| 07327 | 54     | Galaxies                           | <i>When Does Synchrotron Begin? A HST-COS Study of the Earliest Feedback Phase in Massive Stellar Clusters</i>              |
| 07329 | 58     | Stellar Populations and the ISM    | <i>MUSYC: a Medium Uv deep Survey of Young massive Clusters in the Magellanic Clouds</i>                                    |
| 07402 | 55     | Galaxies                           | <i>Lyman Continuum and Lyman Alpha escape in the high-ionization conditions observed in the Epoch of Reionization</i>       |
| 07505 | 43     | Galaxies                           | <i>Star formation, nuclear activity and quenching in the most massive clusters at <math>z \sim 1.5</math></i>               |
| 07529 | 64     | SMBH                               | <i>What Triggers Little Red Dots? An HST Survey of their Galactic Environments</i>                                          |
| 07553 | 69     | Exoplanets and Exoplanet Formation | <i>The Forest and the Trees: Revealing the Silicon Vapor-Aerosol Transition Through G280 and E230M Spectroscopy</i>         |
| 07715 | 56     | SMBH                               | <i>Probing SMBH Locations, Properties, and Accretion Physics with Late-time observations of TDEs</i>                        |
| 07723 | 40     | Stellar Physics and Stellar Types  | <i>Catch Them While They're Hot (And Then Not): An HST Search for Hot Failed Supernovae</i>                                 |

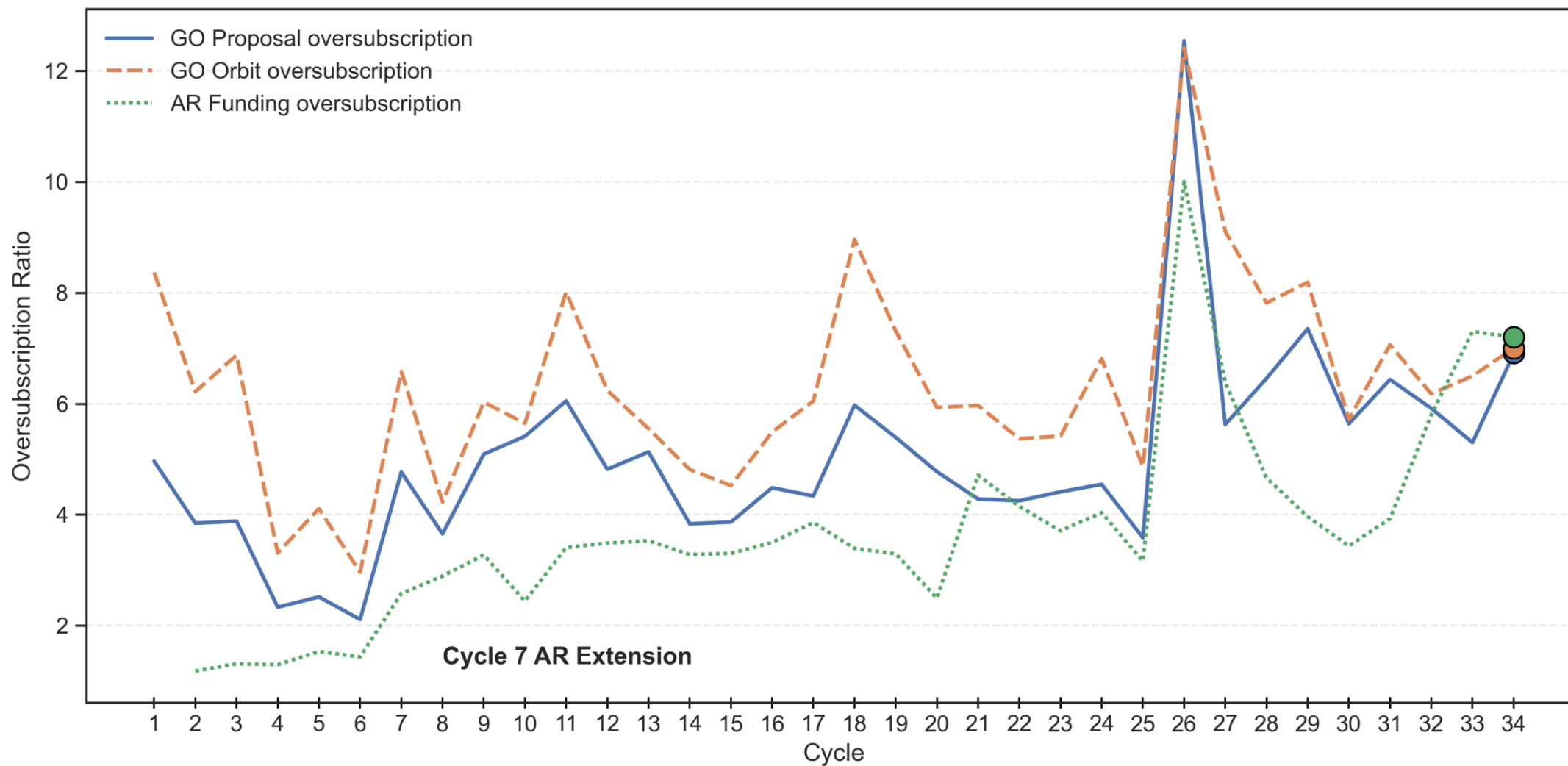
The background of the slide is a deep space image featuring a dense field of stars of various colors (blue, white, yellow) and a large, intricate nebula with swirling clouds of gas and dust in shades of blue, purple, and brown. The text "Summary Statistical Charts" is centered in a white, sans-serif font. A thin, horizontal orange line is positioned directly below the text.

# Summary Statistical Charts

---

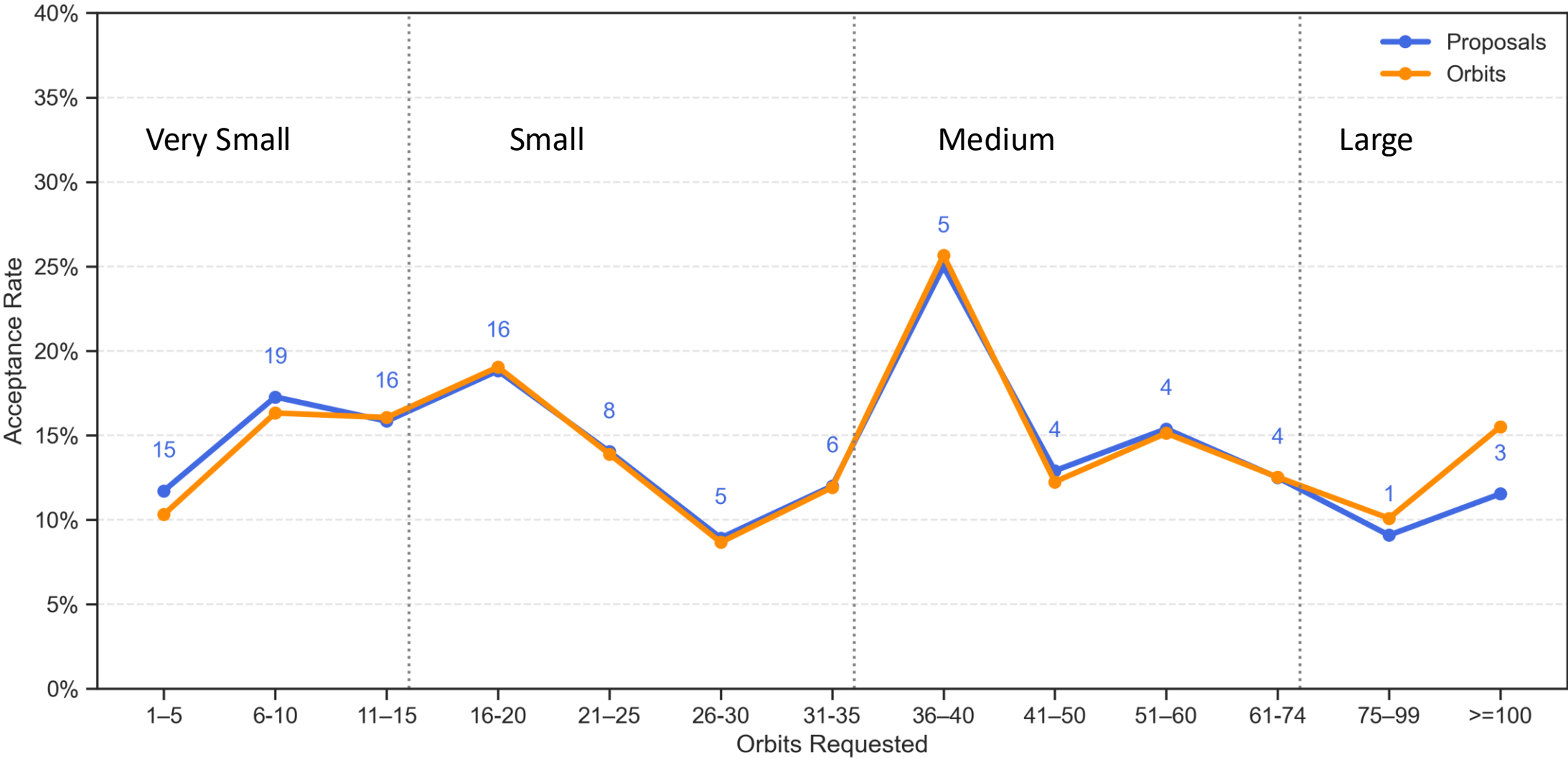


# Oversubscription by Cycle



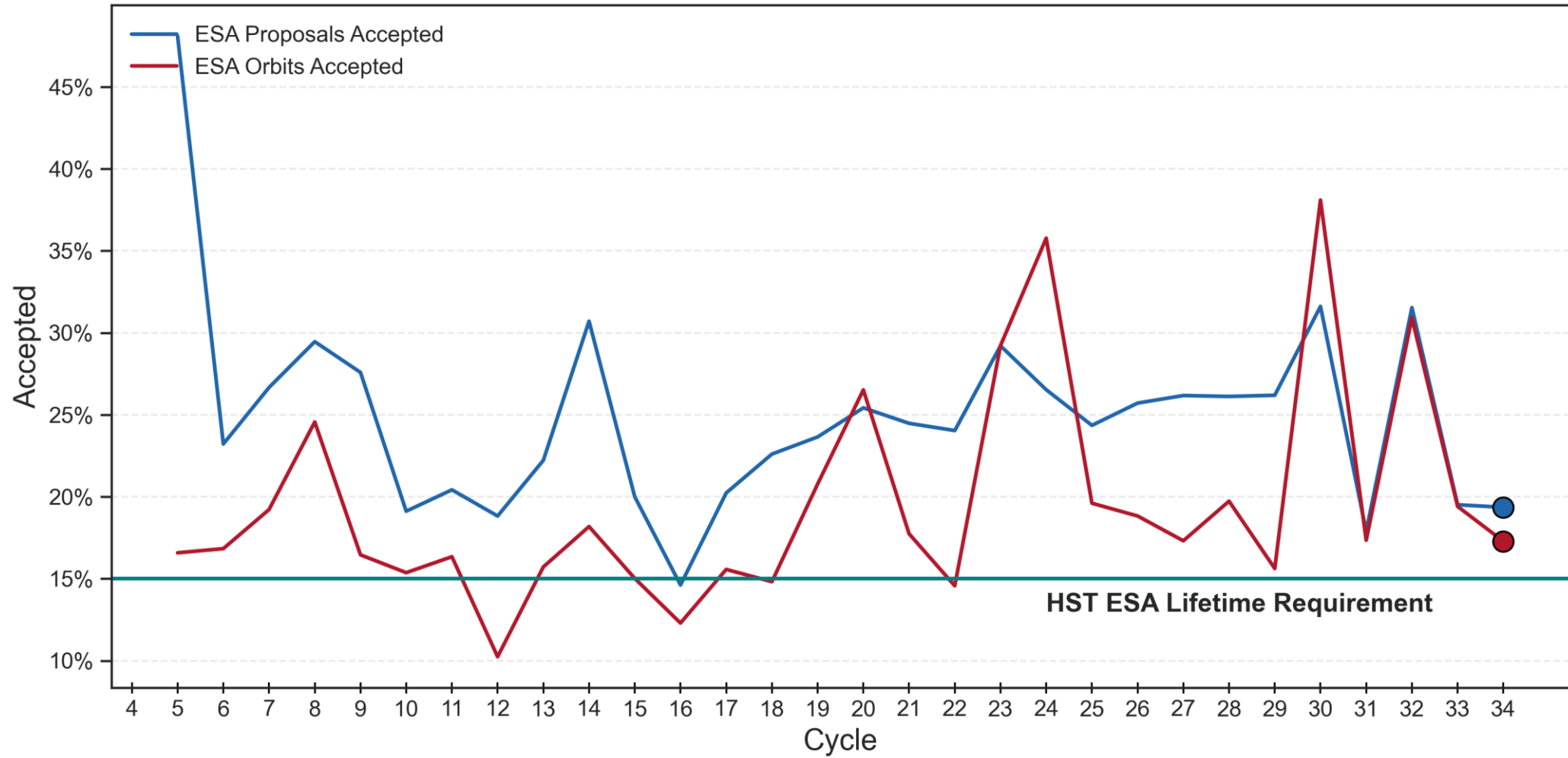


# Acceptance Fraction by Size



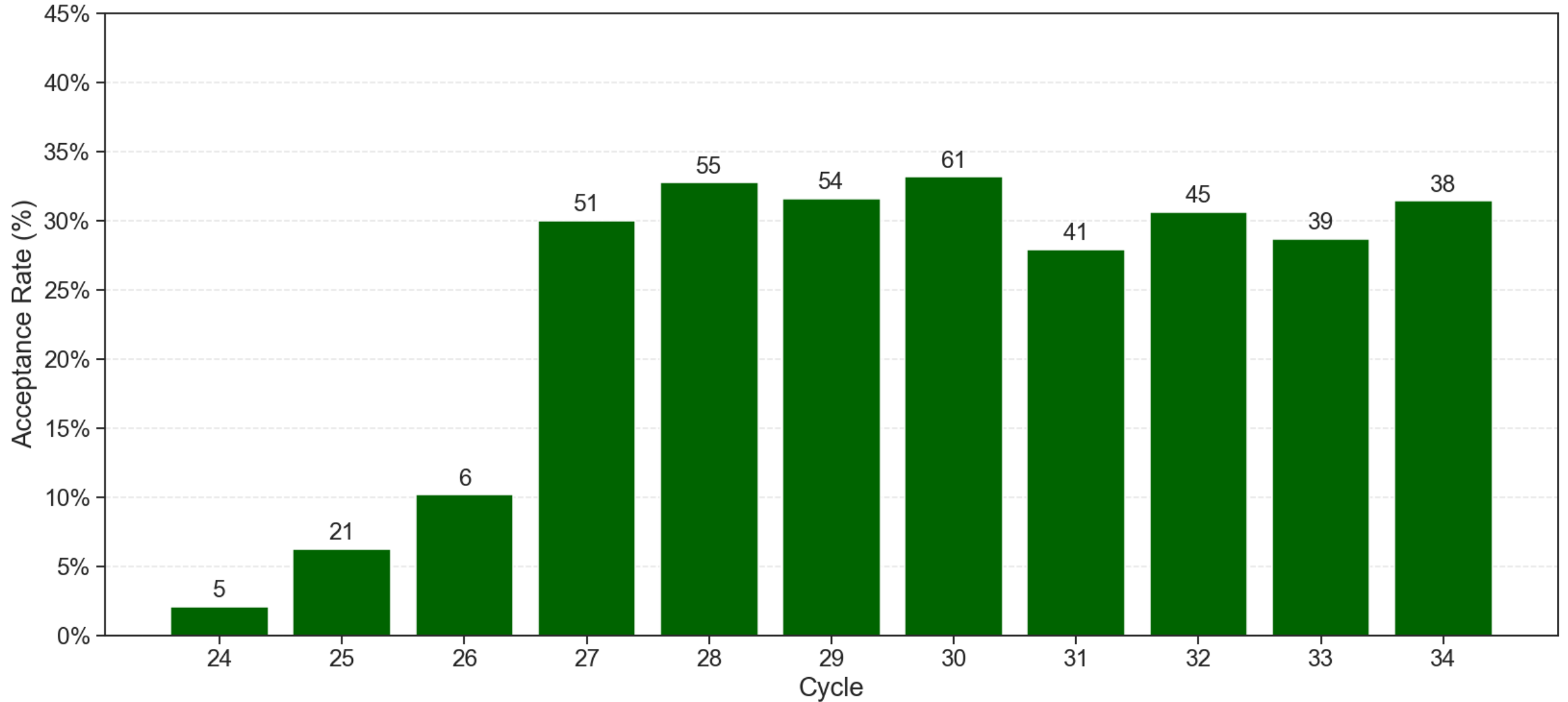


# ESA Acceptance Fraction



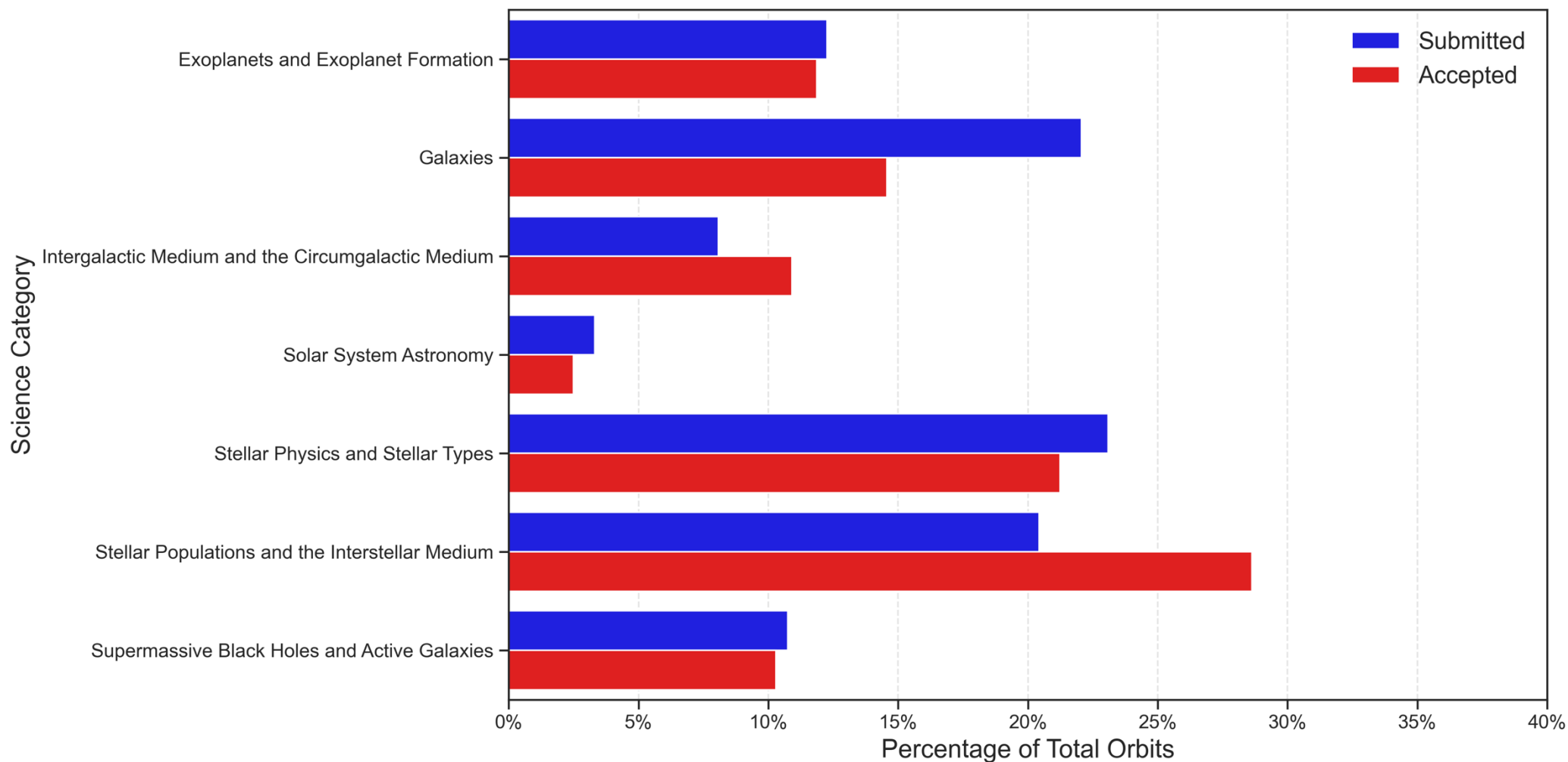


## New Successful HST PIs



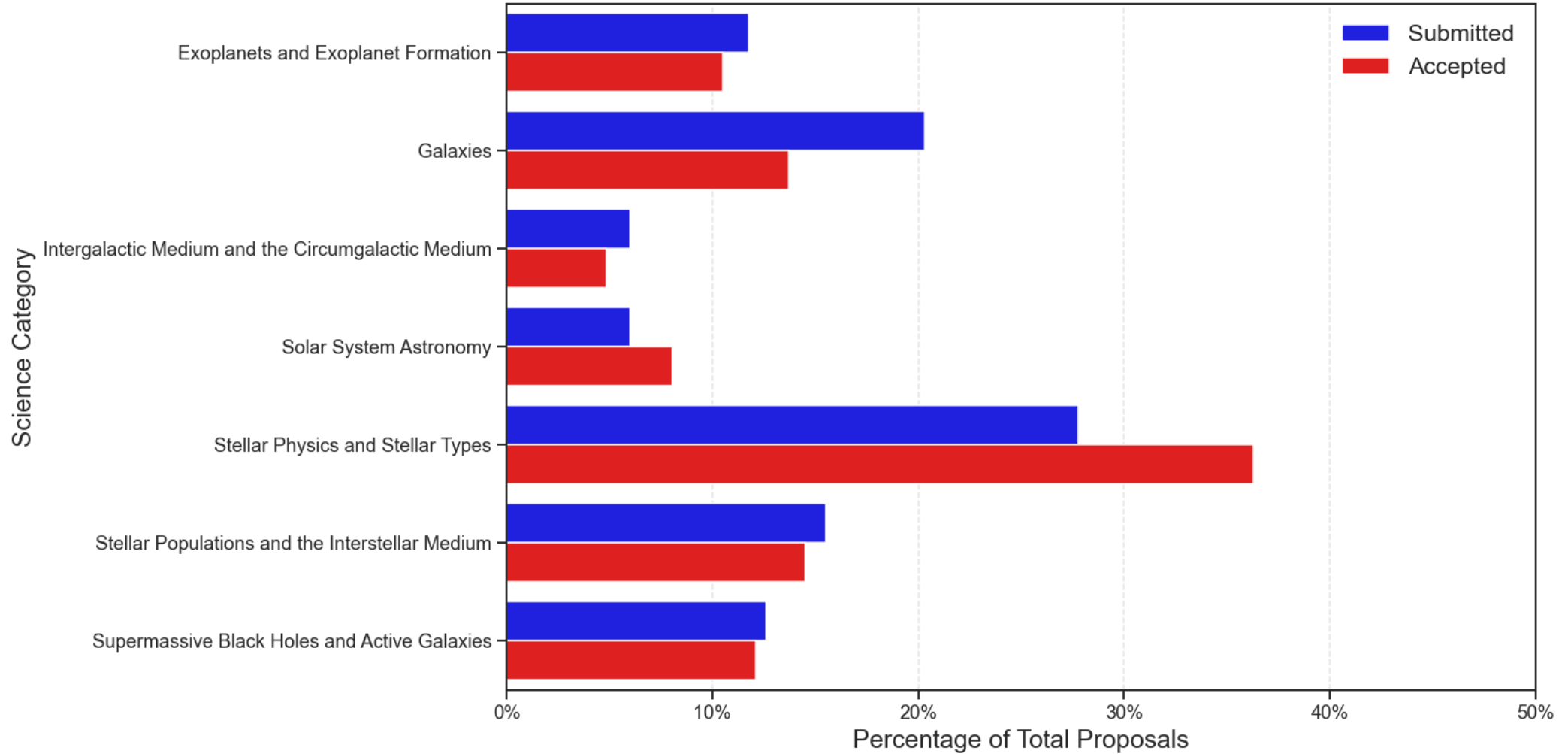


# Science Category Distribution by Orbits





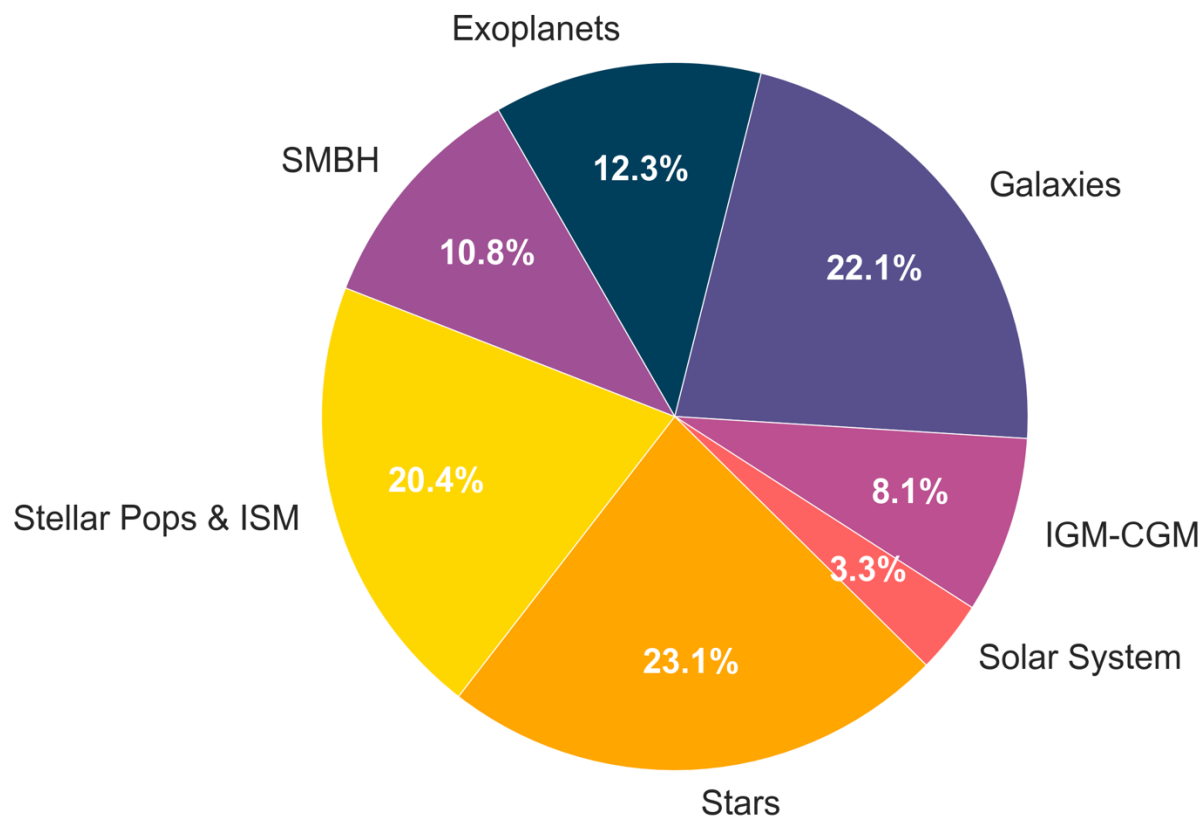
## Science Category Distribution by Proposals



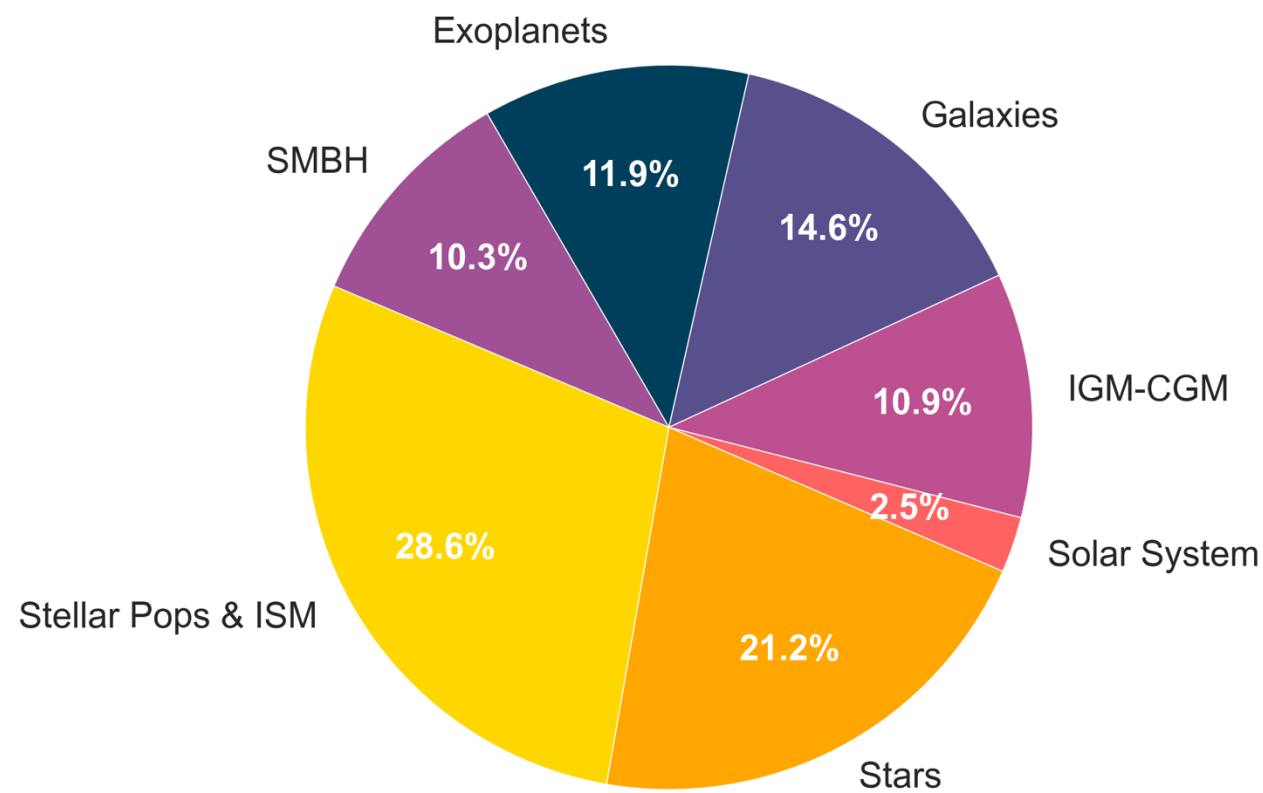


## Submitted vs Approved Orbits by Science Category

SUBMITTED



RECOMMENDED



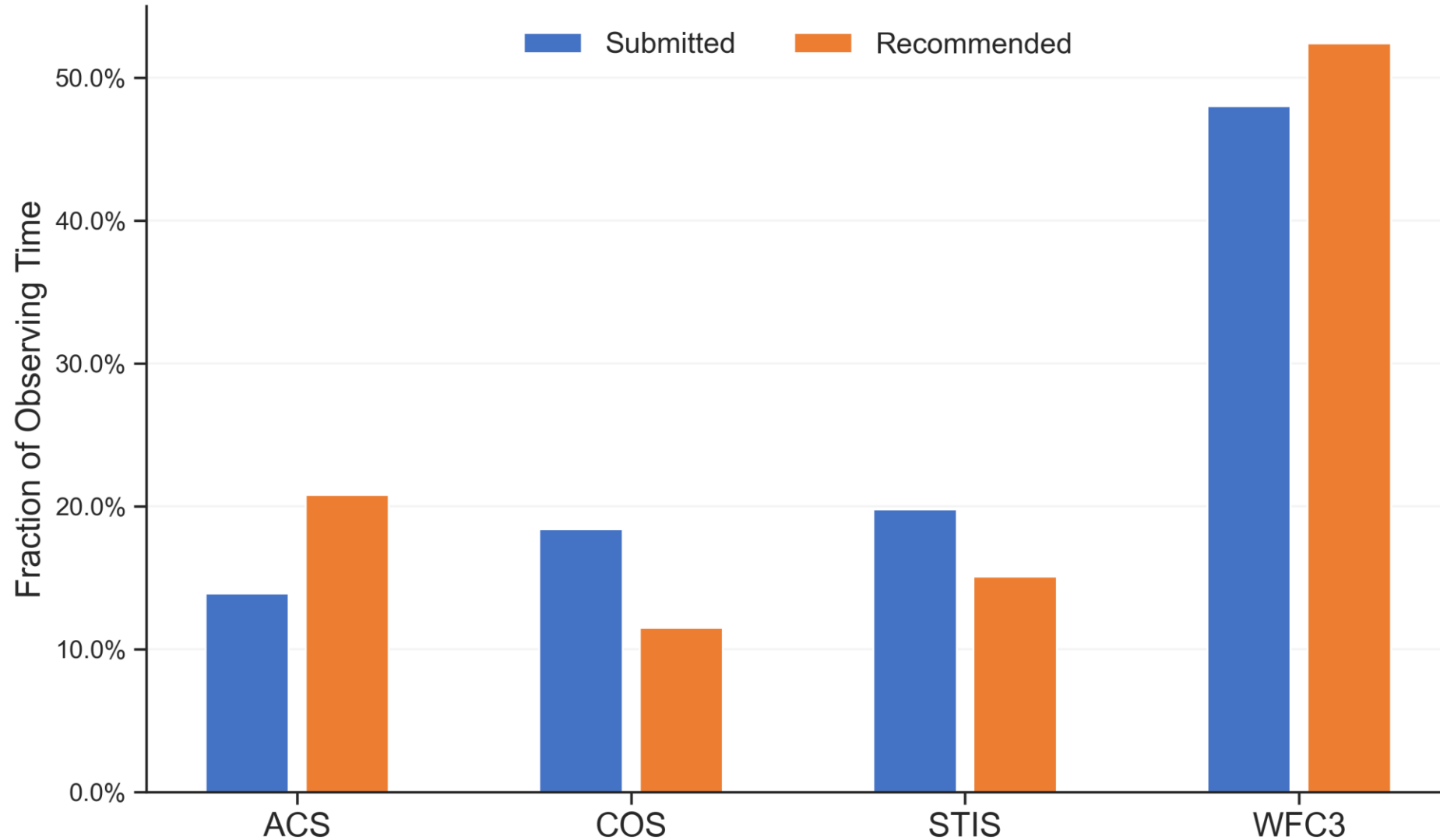


# Instrument Summary

| Configuration | Mode         | Prime %      | Coordinated Parallel % | Total % | Instrument Prime Usage (last cycle) | Instrument Prime + Coordinated Parallel Usage | Snap Usage (Targets) |
|---------------|--------------|--------------|------------------------|---------|-------------------------------------|-----------------------------------------------|----------------------|
| ACS/SBC       | Imaging      | 6.3%         |                        | 5.5%    | <b>9.3%<br/>(5.7 %)</b>             | 20.8%                                         | 8%                   |
| ACS/SBC       | Spectroscopy |              |                        |         |                                     |                                               |                      |
| ACS/WFC       | Imaging      | 2.7%         | <b>92%</b>             | 15.1%   |                                     |                                               |                      |
| ACS/WFC       | Ramp Filter  | 0.3%         |                        | 0.2%    |                                     |                                               |                      |
| ACS/WFC       | Spectroscopy |              |                        |         |                                     |                                               |                      |
| COS/FUV       | Spectroscopy | <b>12%</b>   |                        | 10.3%   | <b>13.4%<br/>(18.9 %)</b>           | 11.5%                                         | 13%                  |
| COS/NUV       | Imaging      | 0.6%         |                        | 0.5%    |                                     |                                               |                      |
| COS/NUV       | Spectroscopy | 0.8%         |                        | 0.7%    |                                     |                                               |                      |
| STIS/CCD      | Imaging      | 1.1%         |                        | 0.9%    | <b>17.6%<br/>(16.5%)</b>            | 15.1%                                         | 13%                  |
| STIS/CCD      | Spectroscopy | 4.2%         |                        | 3.6%    |                                     |                                               |                      |
| STIS/FUV      | Imaging      |              |                        |         |                                     |                                               |                      |
| STIS/FUV      | Spectroscopy | 4.1%         |                        | 3.6%    |                                     |                                               |                      |
| STIS/NUV      | Imaging      |              |                        |         |                                     |                                               |                      |
| STIS/NUV      | Spectroscopy | 8.2%         |                        | 7%      |                                     |                                               |                      |
| WFC3/IR       | Imaging      | 5.7%         | 1.7%                   | 5.1%    | <b>59.7%<br/>(57.6%)</b>            | 52.4%                                         | 66%                  |
| WFC3/IR       | Spectroscopy | 0.8%         |                        | 0.6%    |                                     |                                               |                      |
| WFC3/UVIS     | Imaging      | <b>52.1%</b> | 6.3%                   | 45.7%   |                                     |                                               |                      |
| WFC3/UVIS     | Spectroscopy | 1.1%         |                        | 1%      |                                     |                                               |                      |

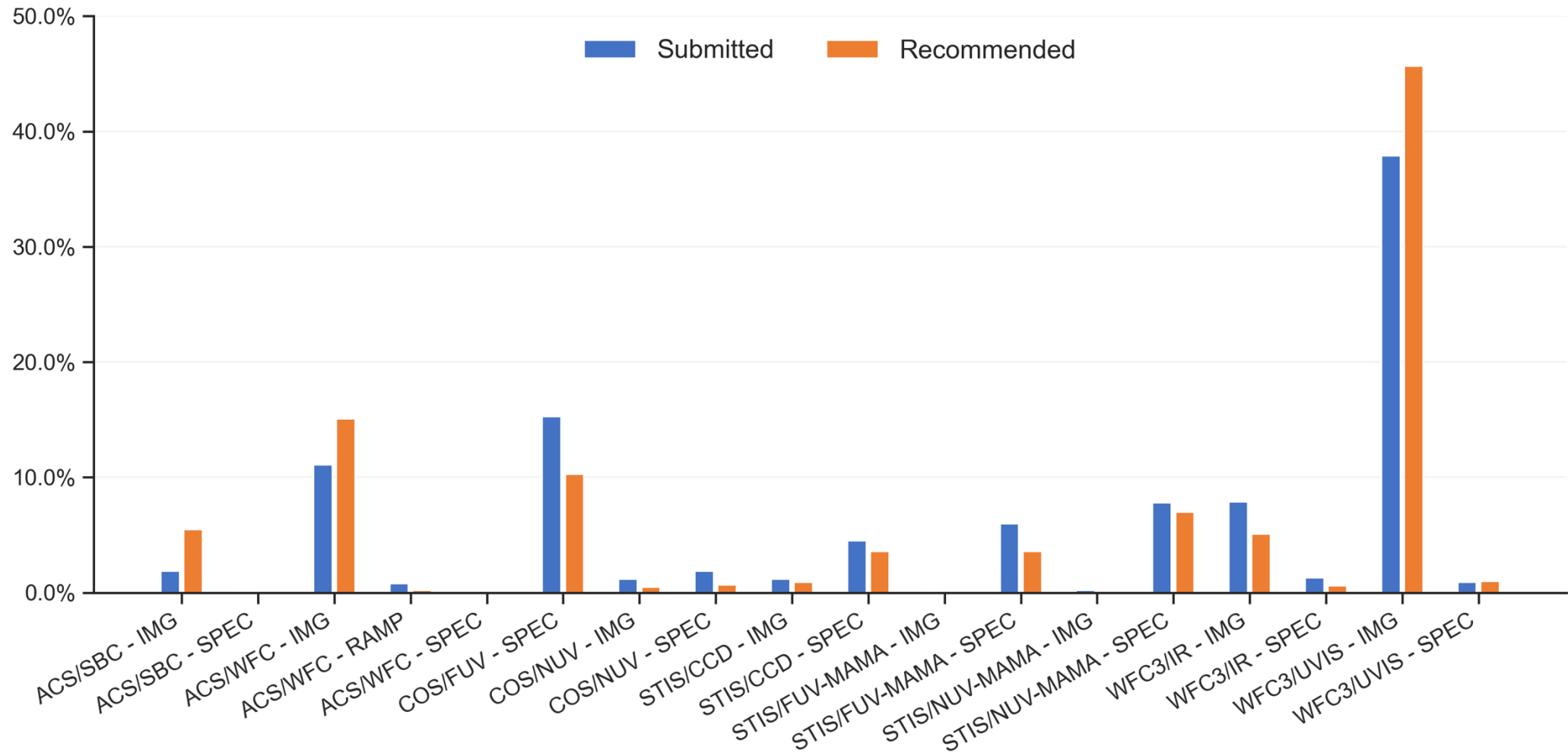


## Instruments: Prime + Coordinated Parallel Orbits





# Instrument Modes: Prime + Coordinated Parallel Orbits



The background of the slide is a deep space image featuring a dense field of stars of various colors (blue, white, yellow) and a large, complex nebula with swirling patterns of blue, purple, and brown dust. The text is centered over this image.

# Initiative and Special Category Programs

---



## UV Initiative

---

- Proposals **flagged by proposers** as UV Initiative
  - note that not all orbits requested in UV initiative proposals are in the UV
- **Overall success rate: 17% for UV Proposals and 17 % for UV orbits (out of UV submitted)**
  - 56% of orbits recommended by the EC are from UV Initiative proposals
- **1,566 of 9,671 requested UV Orbits Recommended**
- 60 of 343 submitted UV Proposals Recommended
  - 4 of 25 UV ARs and 56 of 318 UV GOs recommended



## Archival Programs

- 72 proposals submitted (incl. 26 Theory)
  - 10 recommended (incl. 2 Theory)

| ID    | Title                                                                                                               | Theory |
|-------|---------------------------------------------------------------------------------------------------------------------|--------|
| 07251 | <i>The Deleterious Effects of Starspots on YSO Accretion Rates</i>                                                  |        |
| 07454 | <i>Ionizing Spectral Templates of Metal-Poor Massive Stars Informed by Far-Ultraviolet Spectroscopy</i>             |        |
| 07487 | <i>Overlight Caution: Updating Stellar Flare Predictions for UV Space Instrument Safety</i>                         |        |
| 07500 | <i>CLUMP-UP: CLUMpy galaxies Uncovered in Protoclusters</i>                                                         |        |
| 07508 | <i>Unveiling the Origin of the Galactic Bulge: Exploring Ages and Metallicities with Medium-band HST Photometry</i> |        |
| 07524 | <i>Ground Truth for the CGM: A Cloud-by-cloud Ionization Modeling Challenge with pc-scale CGM simulations</i>       | true   |
| 07588 | <i>STASH: Space Telescope Archival Streak Harvester</i>                                                             |        |
| 07716 | <i>Io's Source Rates to Jupiter's Magnetosphere from Juno-Era Archival FUV Data and Modeling</i>                    |        |
| 07780 | <i>Measuring major contributors to AGN feedback: Quasar outflows in the HST/UV archive</i>                          |        |
| 07785 | <i>Nonlocal Cepheid Convection: A Physical Foundation for the Distance Ladder</i>                                   | true   |



## Snapshot Programs

- 27 proposals submitted
  - 8 recommended for 791 targets

| ID    | # Targets | Instrument | Title                                                                                                                   |
|-------|-----------|------------|-------------------------------------------------------------------------------------------------------------------------|
| 07198 | 125       | WFC3       | <i>Probing the Semi-Resolved Regime: A Homogenous Census of Dwarf Galaxies Across Environments</i>                      |
| 07308 | 105       | WFC3       | <i>LRD or EELG? Confirming a Large Sample of Low-z LRDs with WFC3/G141 Grism Spectroscopy</i>                           |
| 07320 | 181       | WFC3       | <i>Late-time UV Snapshots of Short-Plateau Type II Supernovae from ZTF</i>                                              |
| 07390 | 100       | STIS       | <i>Anchoring the Future: Spectroscopic Standards for the NASA UVEX mission</i>                                          |
| 07567 | 100       | COS        | <i>HST Snapshot Survey for a Three-Fold Increase in UV Obscured Quasar Spectra to Constrain Drivers of AGN Feedback</i> |
| 07582 | 45        | ACS        | <i>Isolated Dwarf Galaxies: The Missing Link for GC Physics</i>                                                         |
| 07822 | 40        | ACS,WFC3   | <i>Late-Time HST Imaging of Nearby Supernovae: Toward a Legacy Sample of Supernova Progenitors</i>                      |
| 07840 | 95        | WFC3       | <i>Revealing the Accretion Disks of Local AGN: A SNAP UV Survey of Swift/BAT Type 1 AGN with HST</i>                    |



## Target of Opportunity Proposals

| ID           | Orbits     | Disruptive Activations | Non-Disruptive Activations | Flex Day Activations | Total Activations | Carry-Over | Type of ToO                           |
|--------------|------------|------------------------|----------------------------|----------------------|-------------------|------------|---------------------------------------|
| 07218        | 2          | 0                      | 2                          |                      | 2                 |            | Core Collapse SN Progenitor           |
| 07230        | 6          | 0                      | 3                          |                      | 3                 |            | Scattered Disk Objects from Rubin     |
| 07298        | 10         | 1 Ultra                | 0                          |                      | 1                 |            | Kilonova                              |
| 07311        | 26*        | 1                      | 0                          |                      | 1                 |            | SN Ia Progenitor                      |
| 07328        | 15         | 1                      | 0                          |                      | 1                 |            | Cyg X-1 stellar winds                 |
| 07376        | 12         | 2                      | 0                          |                      | 2                 | Yes        | SN II                                 |
| 07393        | 1          | 1                      | 0                          |                      | 1                 |            | Accreting millisecond pulsar outburst |
| 07488        | 21         | 0                      | 1                          |                      | 1                 | Yes        | Interstellar Object                   |
| 07645        | 13         | 1 Ultra                | 0                          |                      | 1                 |            | Very early UV obs. of nearby SN       |
| 07717        | 27         | 0                      | 3                          |                      | 3                 |            | Lensed SN                             |
| <b>Total</b> | <b>133</b> | <b>2+5=7</b>           | <b>9</b>                   | <b>0</b>             | <b>16</b>         | <b>2</b>   |                                       |

\* 7311 full resources request:  $26 + 8 + 8 + 10 + 10 + \text{CPARs } (26 + 8 + 8 + 10 + 10) + \text{Chandra} + \text{NRAO} + \text{NOIRLab} + \text{JWST}$



## Long-Term Monitoring (LTM) Initiative Proposals

- 18 proposals submitted
  - 4 recommended (231 orbits)

| ID   | Orbits                                                                               | Title                                                                                                        |
|------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 7213 | 193                                                                                  | <i>Completing a Legacy Dataset with Deep HST Imaging of 121 Nearby Star-Forming Galaxies</i>                 |
| 7226 | 8                                                                                    | <i>Proper Motion Constraints on Dark Matter in Dwarf Galaxies: The Extreme Case of Leo I</i>                 |
| 7311 | 26 + 8 + 8 + 10 + 10<br>+ CPARs (like prime)<br>+ Chandra + NRAO +<br>NOIRLab + JWST | <i>Supernova of the Year: A Complete Picture of a Single Extraordinary Type Ia Supernova</i>                 |
| 7552 | 4                                                                                    | <i>Echoes of Dying Breaths: Measuring Mass Loss with Late-time Observations of SN 2023ixf and SN 2024ggi</i> |



## Hubble-Roman Science (HRS) Initiative Proposals

- 20 proposals submitted
  - 6 recommended (245 Orbits)

| ID   | Resources      | Title                                                                                                          |
|------|----------------|----------------------------------------------------------------------------------------------------------------|
| 7213 | 193 + 138 CPar | <i>Completing a Legacy Dataset with Deep HST Imaging of 121 Nearby Star-Forming Galaxies</i>                   |
| 7218 | 2              | <i>Identification of Supernova Progenitor Stars in High-Resolution Space-based Imaging</i>                     |
| 7450 | 20             | <i>Illuminating the Dark Universe with Strong Gravitational Lensing</i>                                        |
| 7583 | 16             | <i>Bridging the Gap Between Strong and Weak Mass Loss with Nebular UV spectra of SN 2025tis and SN 2026ayt</i> |
| 7588 | AR             | <i>STASH: Space Telescope Archival Streak Harvester</i>                                                        |
| 7819 | 14             | <i>Que SIRA SIRA: Completing the Low-Redshift NIR Supernova Anchor for Roman</i>                               |



# Habitable Worlds Observatory Precursor Science Proposals

- 41 proposals submitted
  - 9 recommended (475 Orbits)

| ID   | Resources      | Title                                                                                                            |
|------|----------------|------------------------------------------------------------------------------------------------------------------|
| 7100 | 29             | <i>A deep dive into the interstellar forges shaping Lyman alpha emission</i>                                     |
| 7155 | 25             | <i>Pathfinding Efficient Unbiased Measurements of Cold H<sub>2</sub> in the SMC via Far-UV Extinction</i>        |
| 7213 | 193 + 138 CPar | <i>Completing a Legacy Dataset with Deep HST Imaging of 121 Nearby Star-Forming Galaxies</i>                     |
| 7229 | 6              | <i>Polarimetry of Jupiter</i>                                                                                    |
| 7296 | 160            | <i>Illuminating the Physics of the Baryon Cycle with HIGHLIGHTS: the HST Imaging of Galaxy Halo LIGHT Survey</i> |
| 7583 | 16             | <i>Bridging the Gap Between Strong and Weak Mass Loss with Nebular UV spectra of SN 2025tis and SN 2026ayt</i>   |
| 7696 | 4              | <i>NUV Exospheric Magnesium as a Constraint on Europa's Ocean Salinity</i>                                       |
| 7725 | 28             | <i>All That Glitters Isn't Gold (But It Could Be!): Constraining 3rd-Peak R-Process Abundances in Hyades</i>     |
| 7790 | 14             | <i>Building a MgII h+k age-activity relation for old main sequence stars</i>                                     |



# Calibration Proposals

---

- None Submitted



# Cloud Computing

---

- 3 Submitted
  - 1 Recommended

| ID   | Resources | Title                                                   |
|------|-----------|---------------------------------------------------------|
| 7588 | AR        | <i>STASH: Space Telescope Archival Streak Harvester</i> |



## Data Science Software

---

- 6 Submitted
  - 1 recommended

| ID   | Resources | Title                                                   |
|------|-----------|---------------------------------------------------------|
| 7588 | AR        | <i>STASH: Space Telescope Archival Streak Harvester</i> |



## Pure Parallel Proposals

---

- None Submitted



# Joint Chandra Proposals

---

- 6 Submitted for 116 Orbits and 444 Ksecs
  - 1 Recommended for 26 Orbits and 50 Ksecs

| ID   | Orbits                                                | Ksecs | Title                                                                                        |
|------|-------------------------------------------------------|-------|----------------------------------------------------------------------------------------------|
| 7311 | 26 + 8 + 8 + 10 + 10<br>+ CPARs ( <i>like prime</i> ) | 50    | <i>Supernova of the Year: A Complete Picture of a Single Extraordinary Type Ia Supernova</i> |



## Joint JWST Proposals

- 45 Submitted for 1,243 Orbits and 669 Hours
  - 7 Recommended for 245 Orbits and 120 Hours

| ID   | Orbits                                       | Hours | Title                                                                                                                                              |
|------|----------------------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 7075 | 40                                           | 7     | <i>Measuring Andromeda's Alpha-Element Enrichment in 100,000 Red Giants</i>                                                                        |
| 7197 | 20                                           | 14    | <i>Jets, Mergers, and Feedback at Cosmic Dawn: HST-JWST Imaging of <math>z &gt; 4.4</math> Radio Galaxies</i>                                      |
| 7311 | 26 + 8 + 8 + 10 + 10<br>+ CPARs (like prime) | 8     | <i>Supernova of the Year: A Complete Picture of a Single Extraordinary Type Ia Supernova</i>                                                       |
| 7462 | 12                                           | 3     | <i>An extraordinary dusty Einstein ring at <math>z = 2.95</math></i>                                                                               |
| 7629 | 98                                           | 55.2  | <i>A systematic time-resolved mapping of the baryon cycle across the low metallicity regime in a representative sample of very nearby galaxies</i> |
| 7644 | 22                                           | 10.4  | <i>Fresh Takes on Old (HST) Favorites: Uncovering Shocks in Well-studied Planetary Nebulae</i>                                                     |
| 7717 | 27                                           | 21.9  | <i>LenSTrove: Unlocking the Cosmological Power of Cluster-lensed Supernovae</i>                                                                    |



## Joint NOIRLab Proposals

- 13 Submitted for 330 Orbits and 23 Nights
  - 3 Recommended for 114 Orbits and 5.4 Nights

| ID   | Orbits                                                | Nights | Title                                                                                        |
|------|-------------------------------------------------------|--------|----------------------------------------------------------------------------------------------|
| 6978 | 74                                                    | 1.15   | <i>CALYPSO: the Comprehensive Atlas of Low-mass Young Planet-hosting Stellar Objects</i>     |
| 7311 | 26 + 8 + 8 + 10 + 10<br>+ CPARs ( <i>like prime</i> ) | 3.4    | <i>Supernova of the Year: A Complete Picture of a Single Extraordinary Type Ia Supernova</i> |
| 7645 | 13                                                    | 0.8    | <i>Unprecedented Early UV Spectroscopy of a Nearby Supernova</i>                             |



## Joint NRAO Proposals

- 4 Submitted for 72 Orbits and 71 Hours
  - 1 Recommended for 26 Orbits and 10 Hours

| ID   | Orbits                                                | Hours | Title                                                                                        |
|------|-------------------------------------------------------|-------|----------------------------------------------------------------------------------------------|
| 7311 | 26 + 8 + 8 + 10 + 10<br>+ CPARs ( <i>like prime</i> ) | 10    | <i>Supernova of the Year: A Complete Picture of a Single Extraordinary Type Ia Supernova</i> |



## Joint XMM Proposals

---

- 12 Submitted for 187 HST Orbits and 683 Ksecs
  - 3 Recommended for 27 Orbits and 182 Ksecs

| ID   | Orbits | Ksecs | Title                                                                                           |
|------|--------|-------|-------------------------------------------------------------------------------------------------|
| 7093 | 16     | 80    | <i>All together Now: Improving Constraints of Stellar Flare Impact on Planetary Atmosphere</i>  |
| 7400 | 9      | 72    | <i>Unraveling The Time-Variable XUV Environment of a Young and Evolving Planetary System</i>    |
| 7481 | 2      | 30    | <i>Decoding the Remarkable Transient AT2026hir: Offset and Black Hole Mass with HST and XMM</i> |



## TESS Exoplanet Initiative

- 1 Submitted for 24 Orbits
  - 0 Recommended



## ULLYSES Related Proposals

- 12 Submitted for 227 orbits + 5 AR
  - 2 GO for 92 orbits Recommended
  - 2 AR Recommended

| ID   | Resources | Title                                                                                                   |
|------|-----------|---------------------------------------------------------------------------------------------------------|
| 6978 | 74        | <i>CALYPSO: the Comprehensive Atlas of Low-mass Young Planet-hosting Stellar Objects</i>                |
| 6983 | 18        | <i>The keys to understanding high-mass stellar evolution: B hypergiants at different metallicities</i>  |
| 7251 | AR        | <i>The Deleterious Effects of Starspots on YSO Accretion Rates</i>                                      |
| 7454 | AR        | <i>Ionizing Spectral Templates of Metal-Poor Massive Stars Informed by Far-Ultraviolet Spectroscopy</i> |

*Based on scanning the abstracts, this statistic might be incomplete*



## Rocky Worlds Proposals

---

- 1 AR Proposal Submitted
  - None Recommended

*Based on scanning the abstracts, this statistic might be incomplete*

The background of the slide is a deep space image featuring a dense field of stars of various colors (blue, white, yellow) and a large, complex nebula with swirling clouds of gas and dust in shades of blue, purple, and brown. The text "Compliance Violations" is centered in a white, sans-serif font. A thin, horizontal orange line is positioned directly below the text.

# Compliance Violations

---



## Compliance Violations - Summary

---

- Every proposal flagged for a compliance issue was inspected and discussed by SPD members until a consensus was reached. Some proposals were deemed compliant and no action was taken.
- **52 proposals (6%) were disqualified from the review.**
  - 48 GOs (1411 orbits), 2 ARs and 2 SNAPs
  - Proposals are disqualified for serious compliance violations.
  - Disqualified proposals do not receive a quintile and do not receive feedback comments from reviewers. They do receive a brief note from STScI with the reason for the disqualification.
- **96 proposals (11%) were issued warnings.**
  - Proposals are issued warnings for minor or borderline compliance violations.
  - Proposals with warnings are fully reviewed, and may even be recommended for acceptance. They do receive quintile information and feedback comments from reviewers.
- Some proposals were disqualified or warned for more than one reason, or were disqualified for one reason and issued a warning for another.



## Compliance Violations – Template Issues

---

- Changing the templates is expressly forbidden in the Call for Proposals. Template changes include:
  - Changing the section headings
  - Changing the font style
  - Changing the font size
  - Changing the margins
  - Making other formatting modifications to the template
  - Changing the paper size
- Non-complaint proposals were disqualified or issued warnings, depending on the case.



## Compliance Violations – Non-Template Issues

---

- Violations under other categories were mostly identified by SPD when processing proposals after the deadline (including while inspecting proposals flagged by the tool for template issues), or by panelists during the review. These included:
  - **Dual Anonymous Peer Review violations** – proposals that included claims of ownership of past work, team-identifying statements, discussion of team expertise and/or composition
  - **In-Cycle Duplications** – proposals with heavily overlapping targets, observing setups and team members
  - **Joint Programs violations** – proposals where the joint program request was written in the PDF only, but was not entered into APT (important for identification and communication with Partner Observatories)
  - **Page Limit violations** – proposals exceeding the page limits
  - **Other Issues** – Incorrectly set up ToO programs, incorrectly set up SNAP programs, misclassified proposal types



## Compliance Violations – Issue Counts

| Violation Type                    | Flagged    | Disqualified | Warning    | Compliant |
|-----------------------------------|------------|--------------|------------|-----------|
| Dual Anonymous Peer Review        | 31         | 9            | 15         | 8         |
| In-Cycle Duplication              | 7          | 4            | 2          | 1         |
| Joint Proposals not marked in APT | 2          | 0            | 2          | 0         |
| Page Limits                       | 14         | 10           | 0          | 4         |
| Template – Changed Headings       | 9          | 0            | 9          | 0         |
| Template – Font Change            | 76         | 8            | 66         | 2         |
| Template – Font Size              | 13         | 8            | 0          | 5         |
| Template – Margins                | 12         | 7            | 5          | 0         |
| Template – Modified Template      | 4          | 2            | 2          | 0         |
| Template – Paper Size             | 4          | 4            | 0          | 0         |
| Other Issues                      | 11         | 1            | 2          | 8         |
| <b>Total</b>                      | <b>183</b> | <b>53</b>    | <b>103</b> | <b>28</b> |



# Investigator Statistics

---



## Investigators Statistics for Recommended Programs

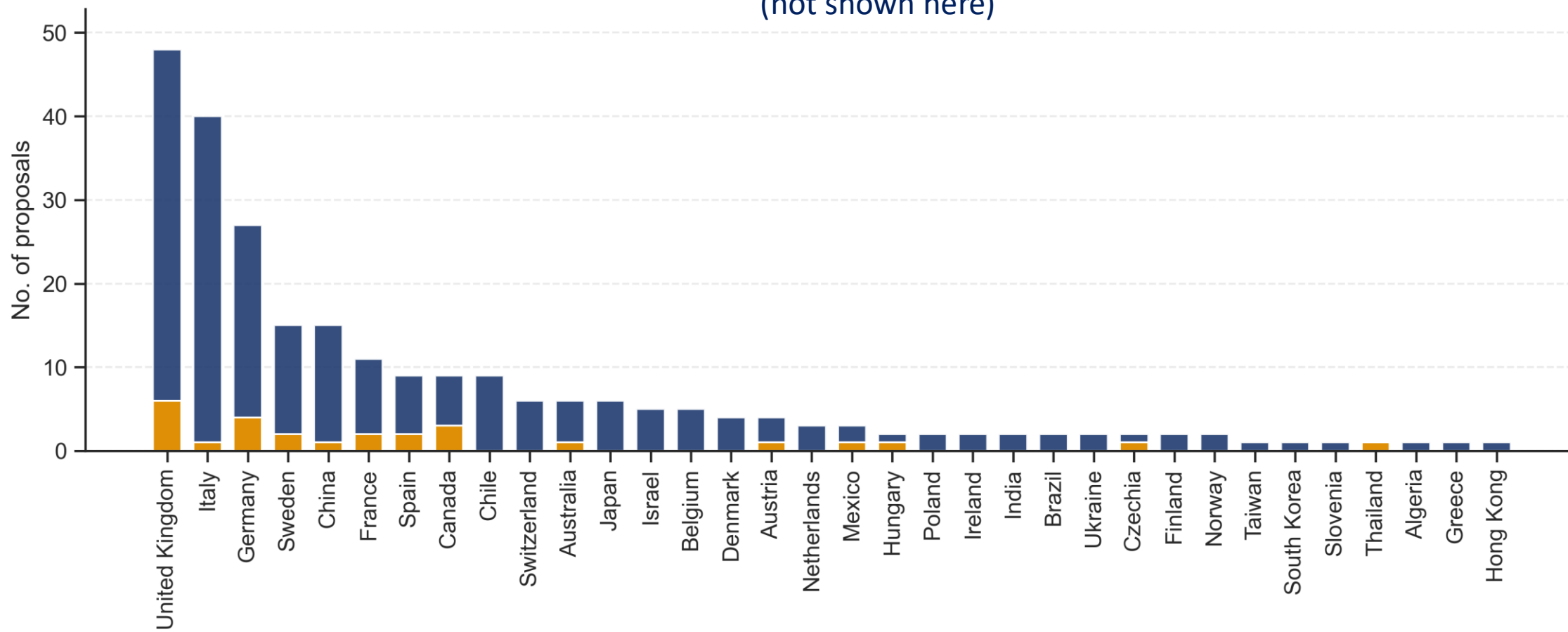
---

- 124 PIs; 53 CoPIs; 1,097 Cols = 1,274 Total Investigators; 978 Unique Investigators
- ESA 24 PIs; 17 CoPIs; 300 Cols
- Investigators from:
  - 38 Countries
  - 43 US States + DC
  - 18 ESA Countries + 1 Cooperating Country (Bulgaria) + 16 US-based ESA staff
  - 290 Unique Institutions



## Countries of PIs

US is 582 Submitted and 97 Recommended  
(not shown here)





# Countries of PIs

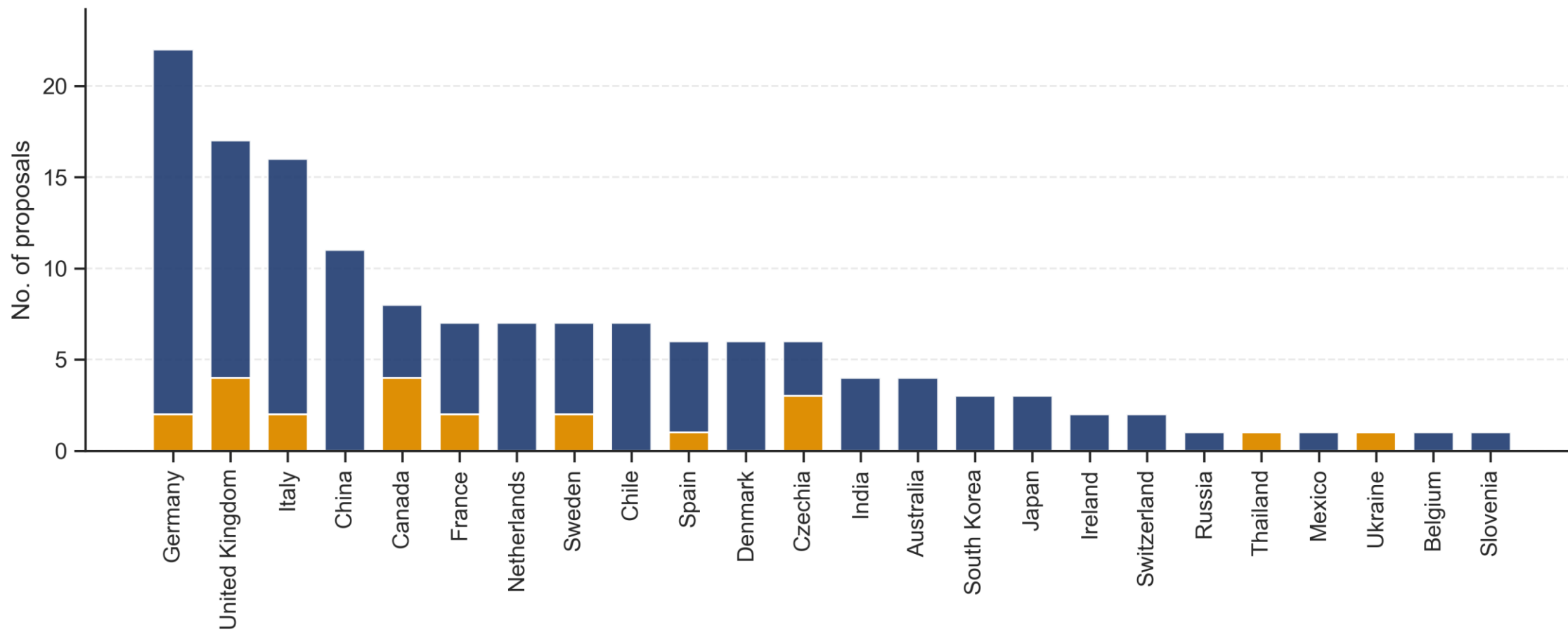
New HST Country

| Country   | Submitted | Approved | Country     | Submitted | Approved | Country              | Submitted  | Approved  |
|-----------|-----------|----------|-------------|-----------|----------|----------------------|------------|-----------|
| Algeria   | 1         |          | Germany     | 27        | 4        | Poland               | 2          |           |
| Australia | 6         | 1        | Greece      | 1         |          | Slovenia             | 1          |           |
| Austria   | 4         | 1        | Hong Kong   | 1         |          | South Korea          | 1          |           |
| Belgium   | 5         |          | Hungary     | 2         | 1        | Spain                | 9          | 2         |
| Brazil    | 2         |          | India       | 2         |          | Sweden               | 15         | 2         |
| Canada    | 9         | 3        | Ireland     | 2         |          | Switzerland          | 6          |           |
| Chile     | 9         |          | Israel      | 5         |          | Taiwan               | 1          |           |
| China     | 15        | 1        | Italy       | 40        | 1        | Thailand             | 1          | 1         |
| Czechia   | 2         | 1        | Japan       | 6         |          | Ukraine              | 2          |           |
| Denmark   | 4         |          | Mexico      | 3         | 1        | United Kingdom       | 48         | 6         |
| Finland   | 2         |          | Netherlands | 3         |          | <b>United States</b> | 582        | 97        |
| France    | 11        | 2        | Norway      | 2         |          |                      |            |           |
|           |           |          |             |           |          | <b>ESA</b>           | <b>199</b> | <b>24</b> |



## Countries of CoPIs

US is 204 Submitted and 31 Recommended  
(not shown here)





# Countries of CoPIs

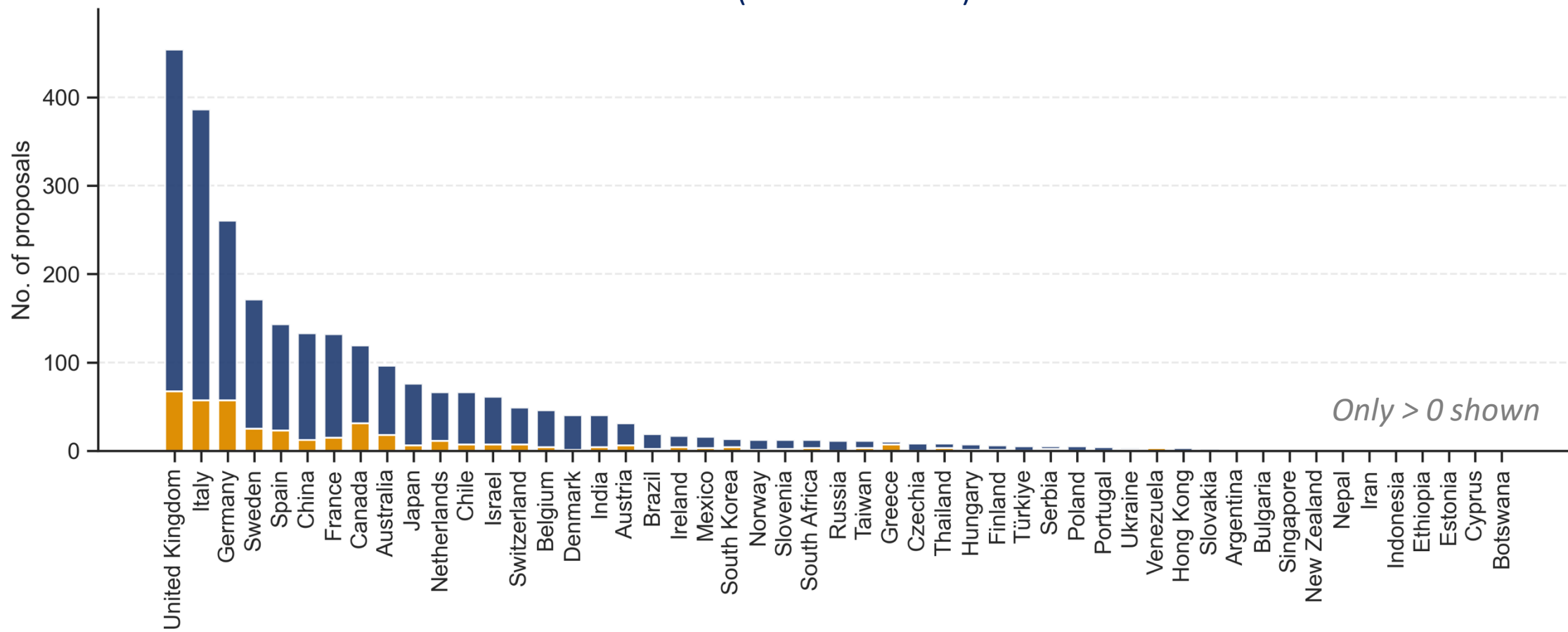
New HST Country

| Country   | Submitted | Approved | Country     | Submitted | Approved | Country              | Submitted  | Approved  |
|-----------|-----------|----------|-------------|-----------|----------|----------------------|------------|-----------|
| Australia | 4         |          | India       | 4         |          | South Korea          | 3          |           |
| Belgium   | 1         |          | Ireland     | 2         |          | Spain                | 6          | 1         |
| Canada    | 8         | 4        | Italy       | 16        | 2        | Sweden               | 7          | 2         |
| Chile     | 7         |          | Japan       | 3         |          | Switzerland          | 2          |           |
| China     | 11        |          | Mexico      | 1         |          | Thailand             | 1          | 1         |
| Czechia   | 6         | 3        | Netherlands | 7         |          | Ukraine              | 1          | 1         |
| Denmark   | 6         |          | Russia      | 1         |          | United Kingdom       | 17         | 4         |
| France    | 7         | 2        | Slovenia    | 1         |          | <b>United States</b> | 204        | 31        |
| Germany   | 22        | 2        |             |           |          |                      |            |           |
|           |           |          |             |           |          | <b>ESA</b>           | <b>104</b> | <b>17</b> |



## Countries of Col

US is 3,625 Submitted and 695 Recommended  
(not shown here)





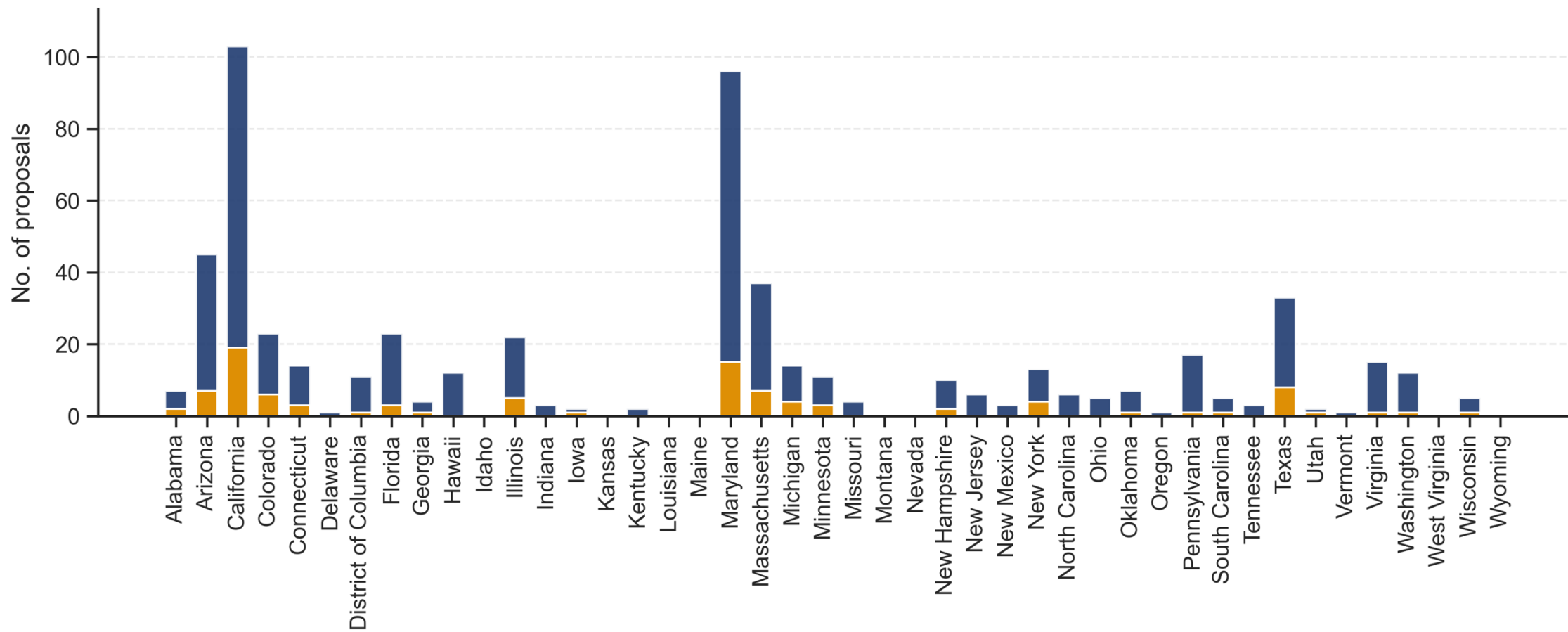
# Countries of Cols

New HST Country

| Country   | Submitted | Approved | Country     | Submitted | Approved | Country              | Submitted    | Approved   |
|-----------|-----------|----------|-------------|-----------|----------|----------------------|--------------|------------|
| Argentina | 2         | 1        | Greece      | 10        | 7        | Serbia               | 5            | 2          |
| Australia | 96        | 18       | Hong Kong   | 3         |          | Singapore            | 1            |            |
| Austria   | 31        | 6        | Hungary     | 7         | 1        | Slovakia             | 2            |            |
| Belgium   | 46        | 4        | India       | 40        | 4        | Slovenia             | 12           | 2          |
| Botswana  | 1         |          | Indonesia   | 1         |          | South Africa         | 12           | 3          |
| Brazil    | 19        | 2        | Iran        | 1         |          | South Korea          | 13           | 4          |
| Bulgaria  | 2         | 2        | Ireland     | 17        | 4        | Spain                | 143          | 23         |
| Canada    | 119       | 31       | Israel      | 61        | 7        | Sweden               | 171          | 25         |
| Chile     | 66        | 7        | Italy       | 386       | 57       | Switzerland          | 49           | 7          |
| China     | 133       | 12       | Japan       | 76        | 6        | Taiwan               | 11           | 3          |
| Cyprus    | 1         |          | Mexico      | 16        | 3        | Thailand             | 8            | 3          |
| Czechia   | 8         |          | Nepal       | 1         |          | Türkiye              | 5            |            |
| Denmark   | 40        | 1        | Netherlands | 66        | 11       | Ukraine              | 3            | 1          |
| Estonia   | 1         |          | New Zealand | 1         | 1        | United Kingdom       | 454          | 67         |
| Ethiopia  | 1         |          | Norway      | 12        | 1        | <b>United States</b> | <b>3625</b>  | <b>695</b> |
| Finland   | 6         | 1        | Poland      | 5         |          | Venezuela            | 3            | 3          |
| France    | 132       | 15       | Portugal    | 4         |          |                      |              |            |
| Germany   | 260       | 57       | Russia      | 11        |          |                      |              |            |
|           |           |          |             |           |          | <b>ESA</b>           | <b>1,943</b> | <b>300</b> |



## US States and Territories of PIs



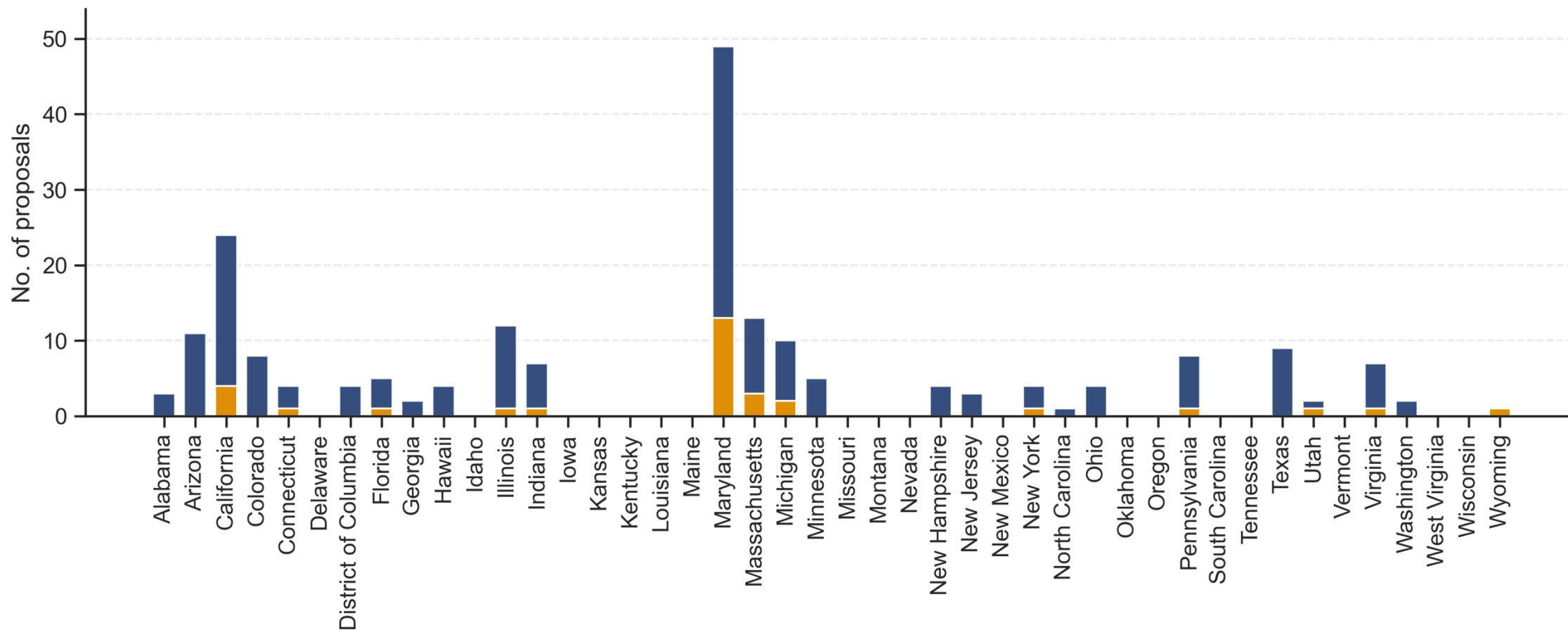


# US States and Territories of PIs

| State                | Submitted | Approved | State          | Submitted | Approved | State          | Submitted | Approved |
|----------------------|-----------|----------|----------------|-----------|----------|----------------|-----------|----------|
| Alabama              | 7         | 2        | Iowa           | 2         | 1        | Ohio           | 5         |          |
| Arizona              | 47        | 7        | Kentucky       | 2         |          | Oklahoma       | 7         | 1        |
| California           | 103       | 19       | Maryland       | 93        | 15       | Oregon         | 1         |          |
| Colorado             | 23        | 6        | Massachusetts  | 37        | 7        | Pennsylvania   | 17        | 1        |
| Connecticut          | 14        | 3        | Michigan       | 14        | 4        | South Carolina | 5         | 1        |
| Delaware             | 1         |          | Minnesota      | 11        | 3        | Tennessee      | 3         |          |
| District of Columbia | 11        | 1        | Missouri       | 4         |          | Texas          | 34        | 8        |
| Florida              | 23        | 3        | New Hampshire  | 10        | 2        | Utah           | 2         | 1        |
| Georgia              | 4         | 1        | New Jersey     | 6         |          | Vermont        | 1         |          |
| Hawaii               | 13        |          | New Mexico     | 3         |          | Virginia       | 15        | 1        |
| Illinois             | 22        | 5        | New York       | 13        | 4        | Washington     | 12        | 1        |
| Indiana              | 6         |          | North Carolina | 6         |          | Wisconsin      | 5         | 1        |



## US States and Territories of CoPIs



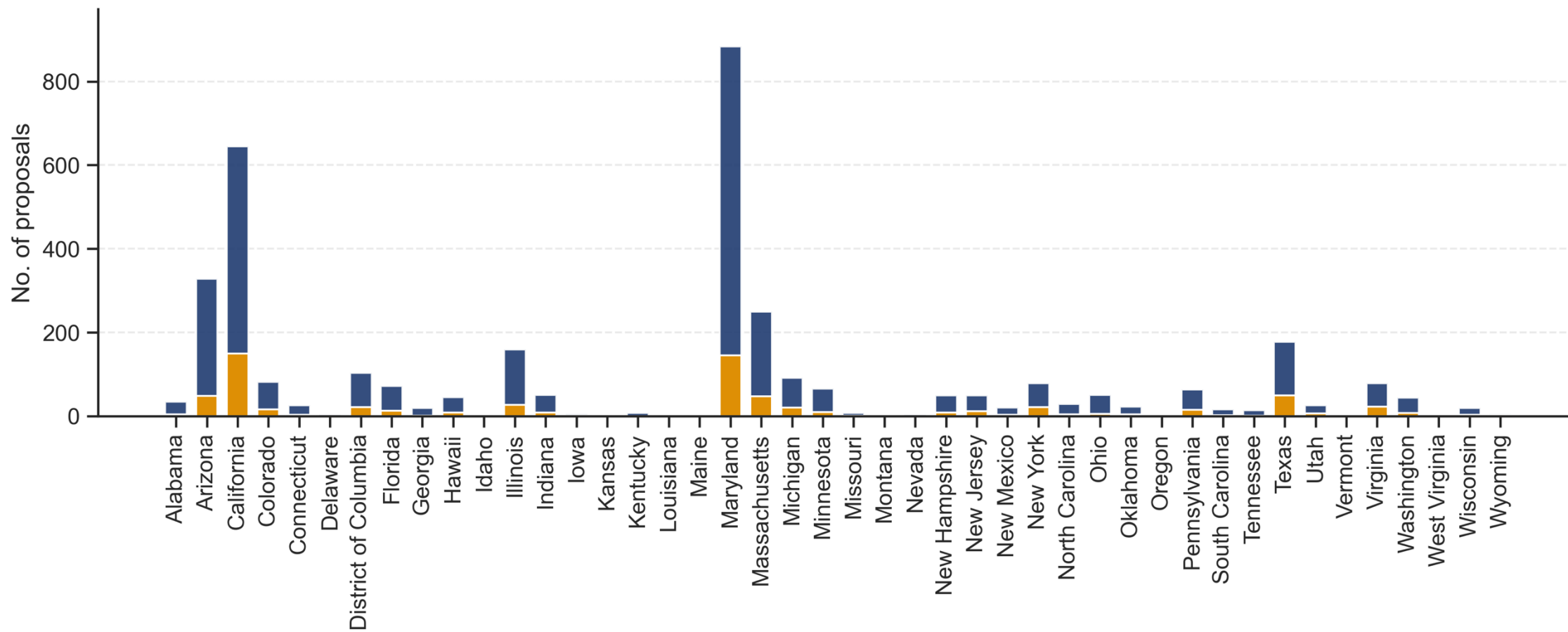


## US States and Territories of CoPIs

| State                | Submitted | Approved | State         | Submitted | Approved | State          | Submitted | Approved |
|----------------------|-----------|----------|---------------|-----------|----------|----------------|-----------|----------|
| Alabama              | 3         |          | Illinois      | 12        | 1        | North Carolina | 1         |          |
| Arizona              | 13        |          | Indiana       | 7         | 1        | Ohio           | 4         |          |
| California           | 24        | 4        | Maryland      | 45        | 13       | Pennsylvania   | 8         | 1        |
| Colorado             | 8         |          | Massachusetts | 13        | 3        | Texas          | 9         |          |
| Connecticut          | 4         | 1        | Michigan      | 10        | 2        | Utah           | 2         | 1        |
| District of Columbia | 4         |          | Minnesota     | 5         |          | Virginia       | 7         | 1        |
| Florida              | 5         | 1        | New Hampshire | 4         |          | Washington     | 2         |          |
| Georgia              | 1         |          | New Jersey    | 3         |          | Wyoming        | 1         | 1        |
| Hawaii               | 5         |          | New York      | 4         | 1        |                |           |          |



## US States and Territories of Cols





## US States and Territories of Cols

| State                | Submitted | Approved | State         | Submitted | Approved | State          | Submitted | Approved |
|----------------------|-----------|----------|---------------|-----------|----------|----------------|-----------|----------|
| Alabama              | 32        | 4        | Kansas        | 1         |          | New York       | 79        | 22       |
| Arizona              | 347       | 51       | Kentucky      | 8         |          | North Carolina | 29        | 4        |
| California           | 645       | 150      | Louisiana     | 2         |          | Ohio           | 50        | 5        |
| Colorado             | 82        | 16       | Maine         | 2         | 1        | Oklahoma       | 23        | 4        |
| Connecticut          | 26        | 3        | Maryland      | 830       | 135      | Pennsylvania   | 63        | 15       |
| Delaware             | 3         |          | Massachusetts | 250       | 47       | South Carolina | 16        | 2        |
| District of Columbia | 103       | 22       | Michigan      | 91        | 20       | Tennessee      | 14        | 1        |
| Florida              | 63        | 12       | Minnesota     | 66        | 10       | Texas          | 178       | 49       |
| Georgia              | 19        | 1        | Missouri      | 7         | 1        | Utah           | 26        | 6        |
| Hawaii               | 76        | 16       | Montana       | 2         | 1        | Virginia       | 78        | 23       |
| Idaho                | 1         |          | Nevada        | 3         |          | Washington     | 44        | 7        |
| Illinois             | 158       | 27       | New Hampshire | 49        | 9        | West Virginia  | 1         |          |
| Indiana              | 55        | 10       | New Jersey    | 49        | 12       | Wisconsin      | 20        | 3        |
| Iowa                 | 5         | 1        | New Mexico    | 20        | 3        | Wyoming        | 5         | 2        |



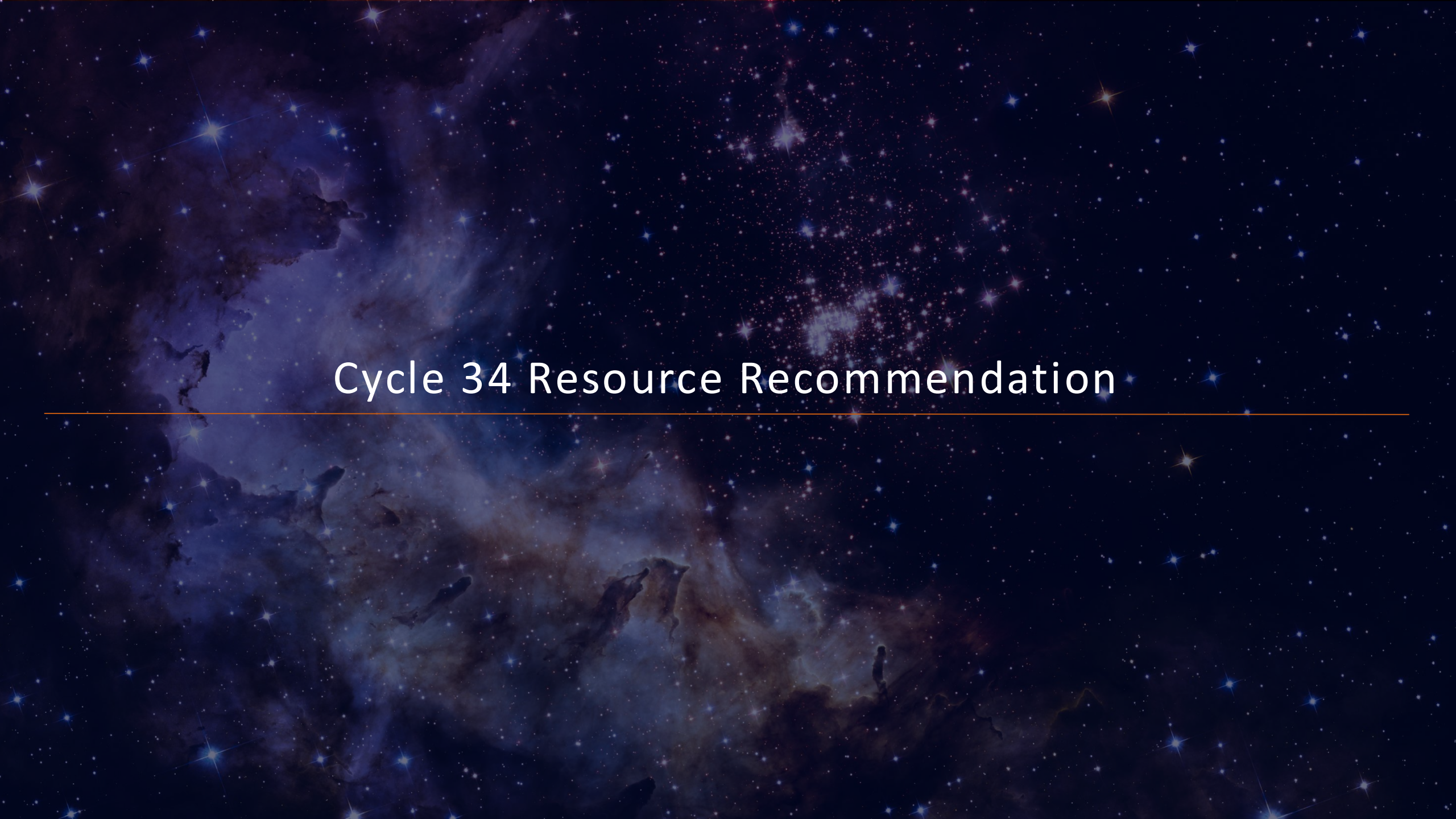
# ESA Countries

|                | PIs       |          | CoPIs     |          | Cols      |          |                | PIs       |          | CoPIs     |          | Cols      |          |
|----------------|-----------|----------|-----------|----------|-----------|----------|----------------|-----------|----------|-----------|----------|-----------|----------|
| Country        | Submitted | Approved | Submitted | Approved | Submitted | Approved | Country        | Submitted | Approved | Submitted | Approved | Submitted | Approved |
| Austria        | 4         | 1        |           |          | 31        | 6        | Norway         | 2         |          |           |          | 12        | 1        |
| Belgium        | 5         |          | 1         |          | 46        | 4        | Poland         |           |          |           |          | 5         |          |
| Czech Republic | 2         | 1        | 6         | 3        | 8         |          | Portugal       |           |          |           |          | 4         |          |
| Denmark        | 4         |          | 6         |          | 40        | 1        | Romania        |           |          |           |          |           |          |
| Estonia        |           |          |           |          | 1         |          | Slovenia       | 1         |          | 1         |          | 12        | 2        |
| Finland        | 2         |          |           |          | 6         | 1        | Spain          | 9         | 2        | 6         | 1        | 143       | 23       |
| France         | 11        | 2        | 7         | 2        | 132       | 15       | Sweden         | 15        | 2        | 7         | 2        | 171       | 25       |
| Germany        | 27        | 4        | 22        |          | 260       | 57       | Switzerland    | 6         |          | 2         |          | 49        | 7        |
| Greece         | 1         |          |           |          | 10        | 7        | United Kingdom | 48        | 6        | 17        | 4        | 454       | 67       |
| Hungary        | 2         | 1        |           |          | 7         | 1        | *Slovakia      |           |          |           |          | 2         |          |
| Ireland        | 2         |          | 2         |          | 17        | 4        | *Bulgaria      |           |          |           |          | 2         | 2        |
| Italy          | 40        | 2        | 16        | 2        | 386       | 57       | *Cyprus        |           |          |           |          | 1         |          |
| Netherlands    | 3         |          | 7         |          | 66        | 11       | US-based ESA   | 14        | 4        | 5         | 1        | 95        | 11       |



## Recommended Program Investigator Statistics

|                               | Submitted | Accepted |                                  | Submitted | Accepted |
|-------------------------------|-----------|----------|----------------------------------|-----------|----------|
| <b>Total Investigators</b>    | 7,379     | 1,274    | <b>Countries</b>                 | 53        | 38       |
| <b>Unique Investigators</b>   | 3,399     | 978      | <b>US States and Territories</b> | 44        | 35       |
| <b>PIs</b>                    | 832       | 124      | <b>ESA PIs</b>                   | 199       | 24       |
| <b>Unique PIs</b>             | 642       | 121      | <b>ESA Cols</b>                  | 1,943     | 300      |
| <b>CoPIs</b>                  | 348       | 53       | <b>ESA CoPIs</b>                 | 104       | 17       |
| <b>Unique CoPIs</b>           | 301       | 53       | <b>ESA Unique</b>                | 1,124     | 295      |
| <b>Cols</b>                   | 6,199     | 1,097    |                                  |           |          |
| <b>Unique Col</b>             | 3,105     | 869      |                                  |           |          |
| <b>Unique Institutions</b>    | 588       | 290      |                                  |           |          |
| <b>Unique PI Institutions</b> | 242       | 74       |                                  |           |          |

A deep space image featuring a dense field of stars and a prominent nebula with blue and purple hues. The text "Cycle 34 Resource Recommendation" is centered in white, with a thin orange line underneath.

# Cycle 34 Resource Recommendation

---



## Resource Recommendations

---

- 124 Recommended proposals:
  - 106 GO Prime
  - 10 Archival Research ( 2 Theory/ 8 Regular)
  - 8 Surveys for 791 Targets
- Plan for 2,700 orbits for GO Programs
- 2,731 orbits is the GO Recommendation
  - 391 for Very Small Proposals ( $\leq 15$  orbits)
  - 757 for Small Proposals (15 - 34 orbits)
  - 922 for Medium Proposals (35 – 74 orbits)
  - 661 for Large Proposals ( $\geq 75$  orbits)
  - Coordinated Parallels - 464 orbits