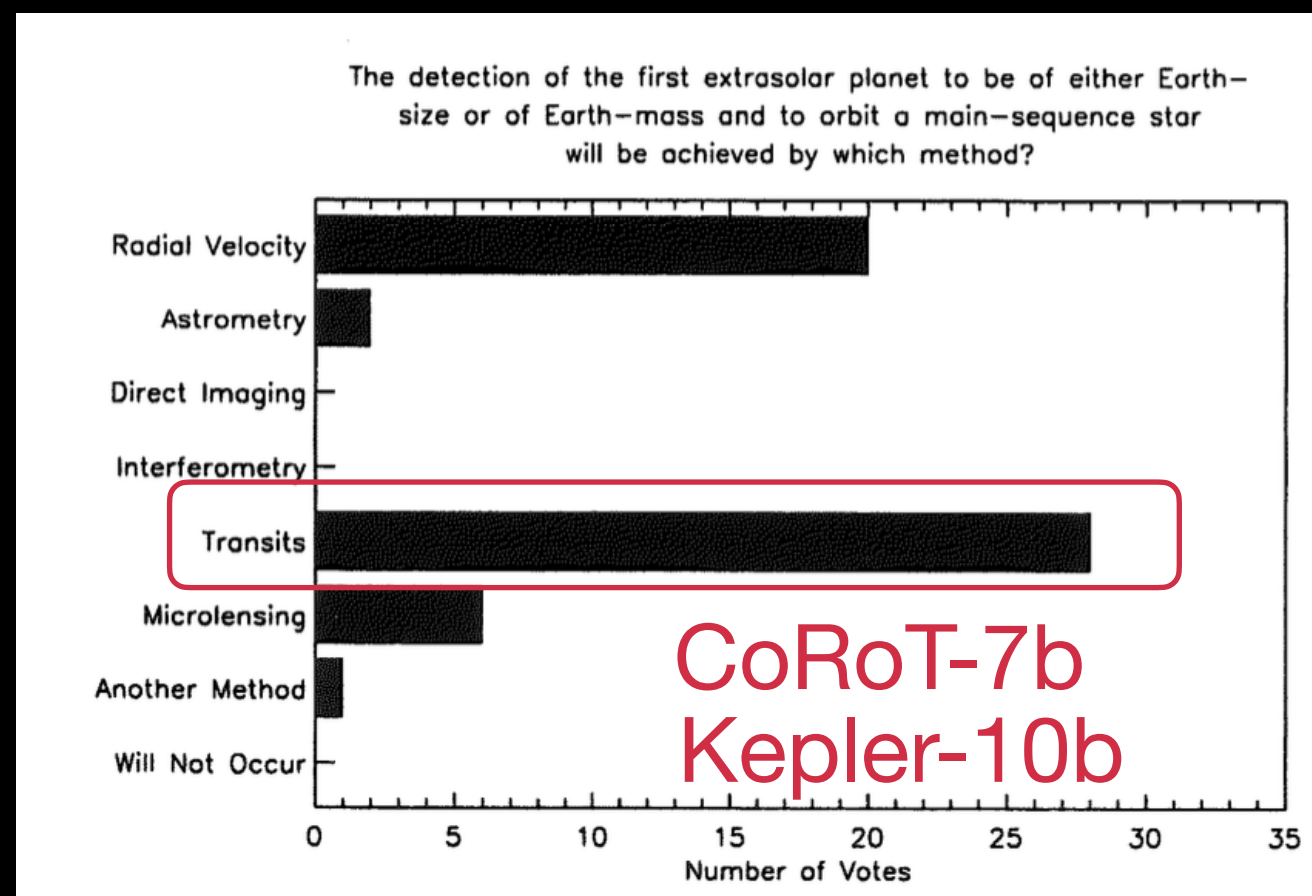
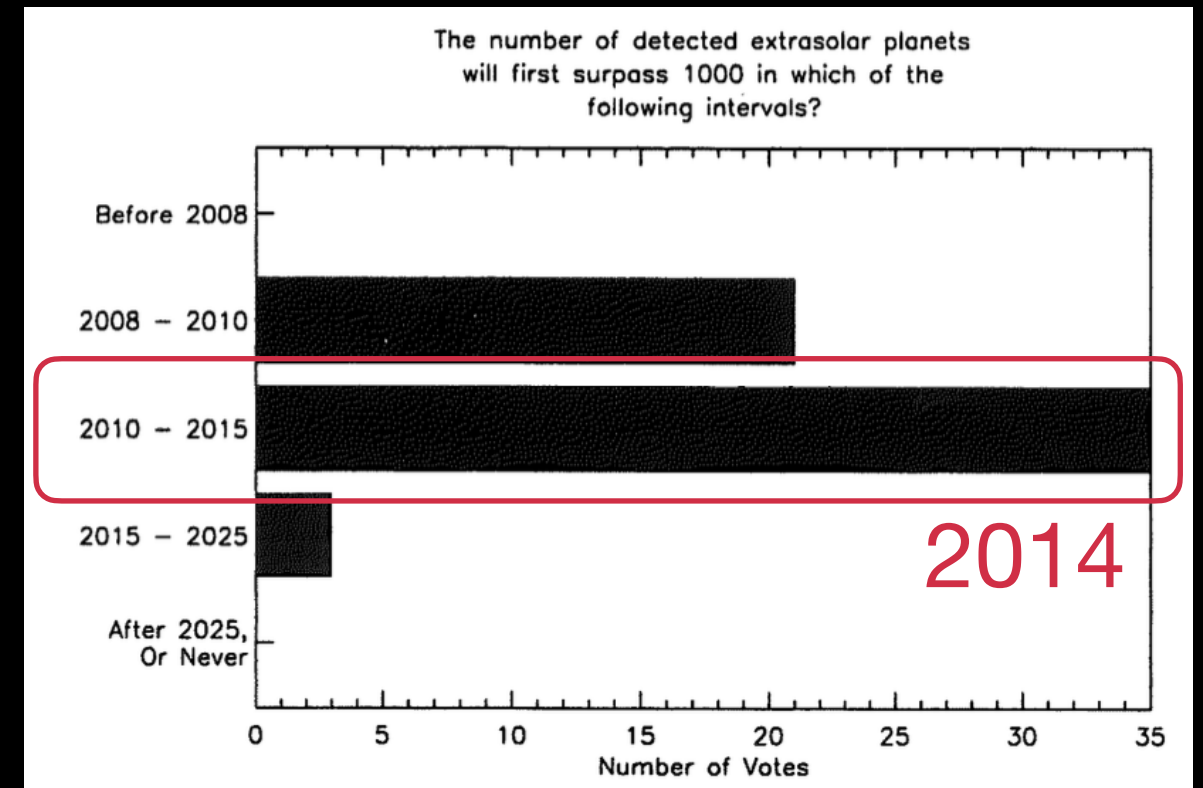
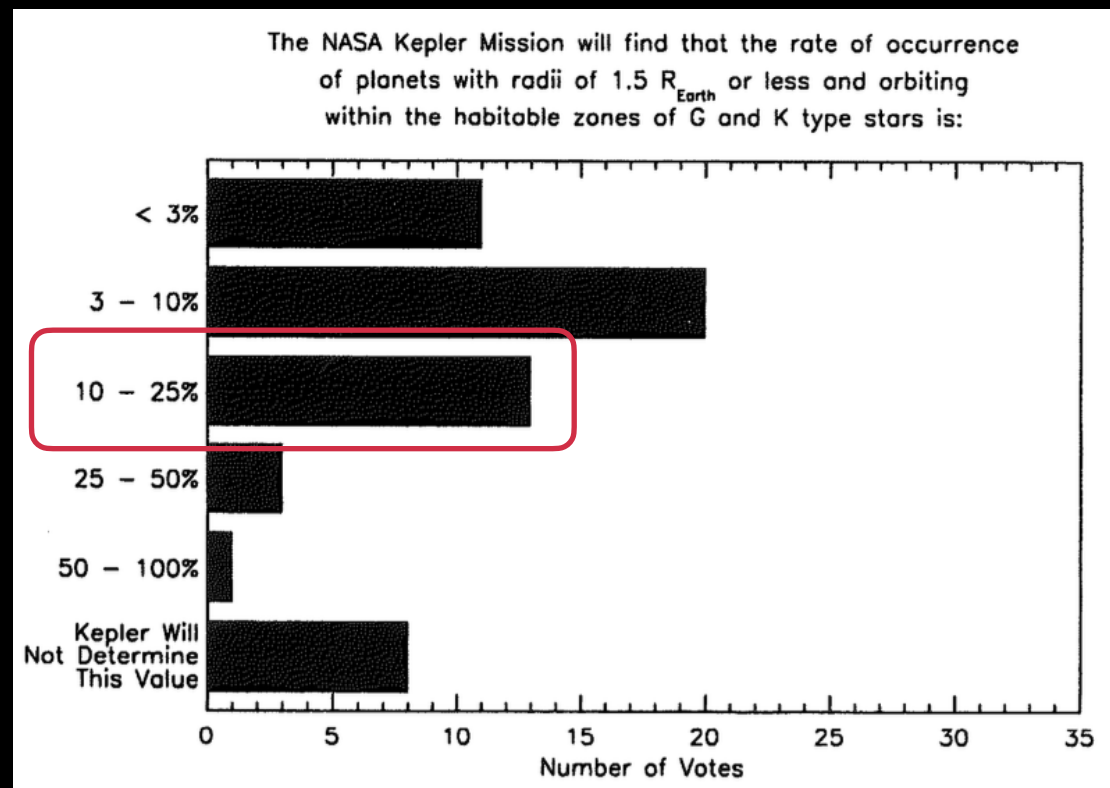


20 yrs ago : a wrap-up and a survey

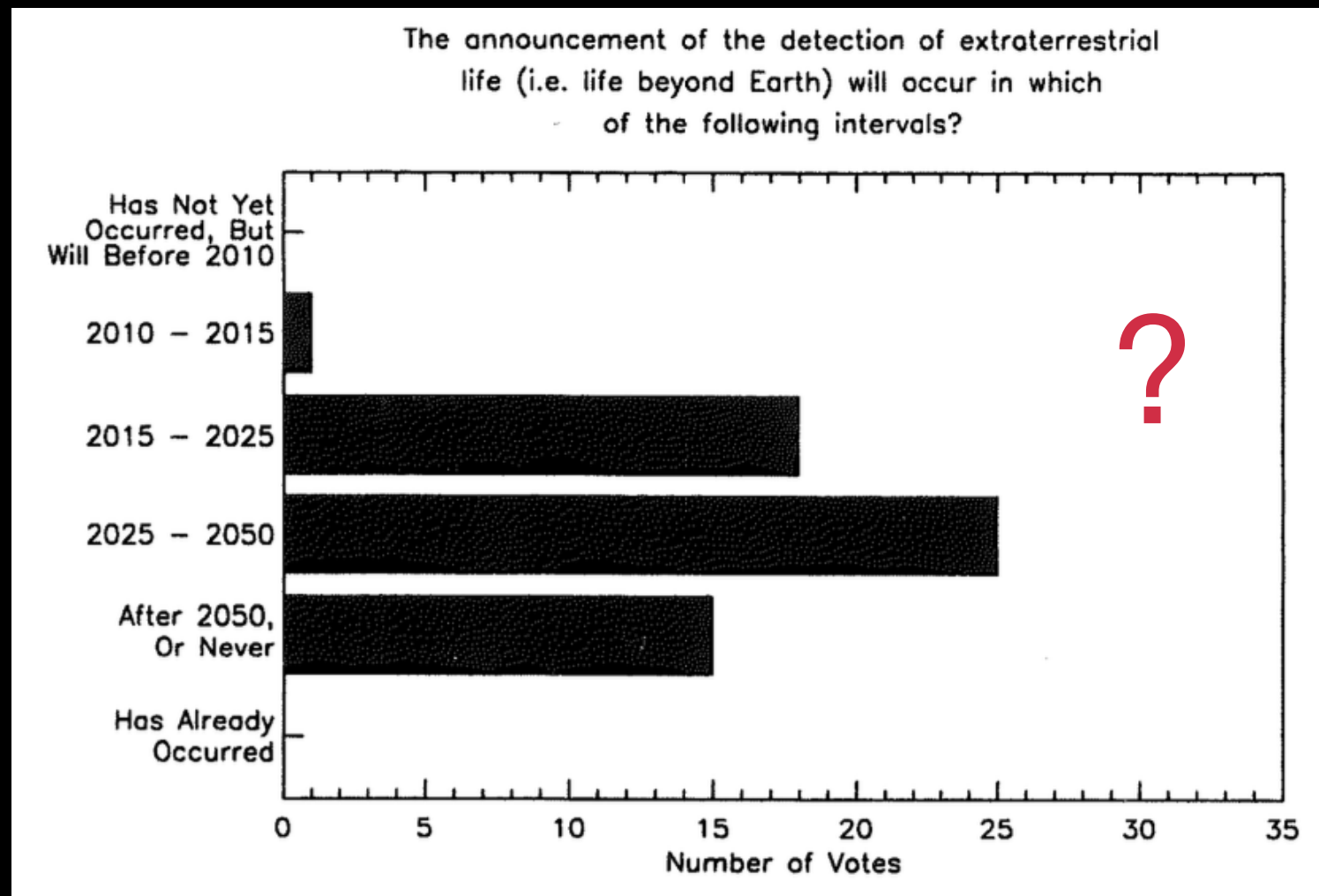


Charbonneau : Kepler ??

20 yrs ago : a wrap-up and a survey



20 yrs ago : a wrap-up and a survey



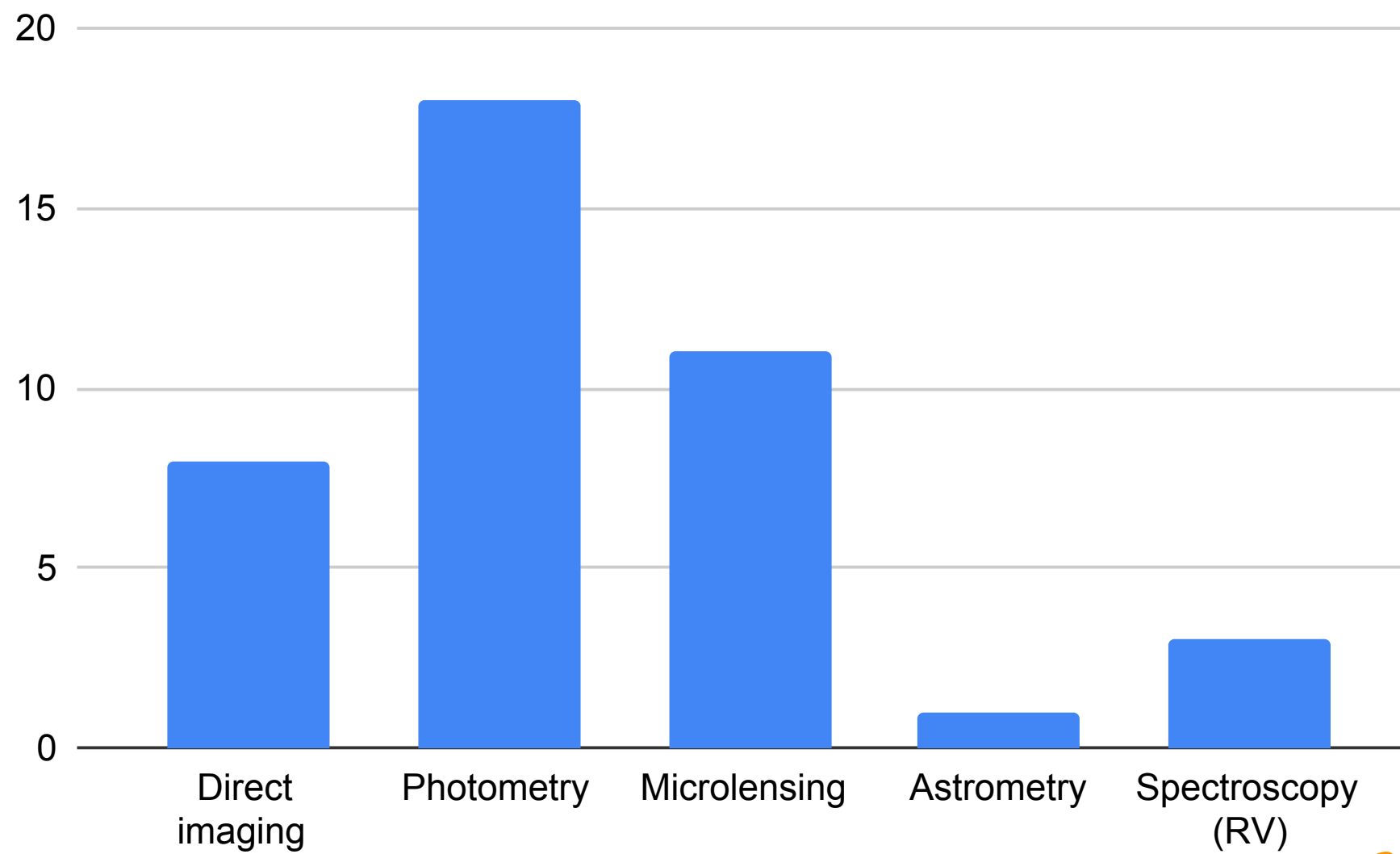
A new survey for the posterity

A new survey for the posterity

With which technique will we find a Moon around an exoplanet ?

Direct Imaging	Photometry	Microlensing
Astrometry	Spectroscopy (RV)	

With which technique will we find a Moon around an exoplanet ?



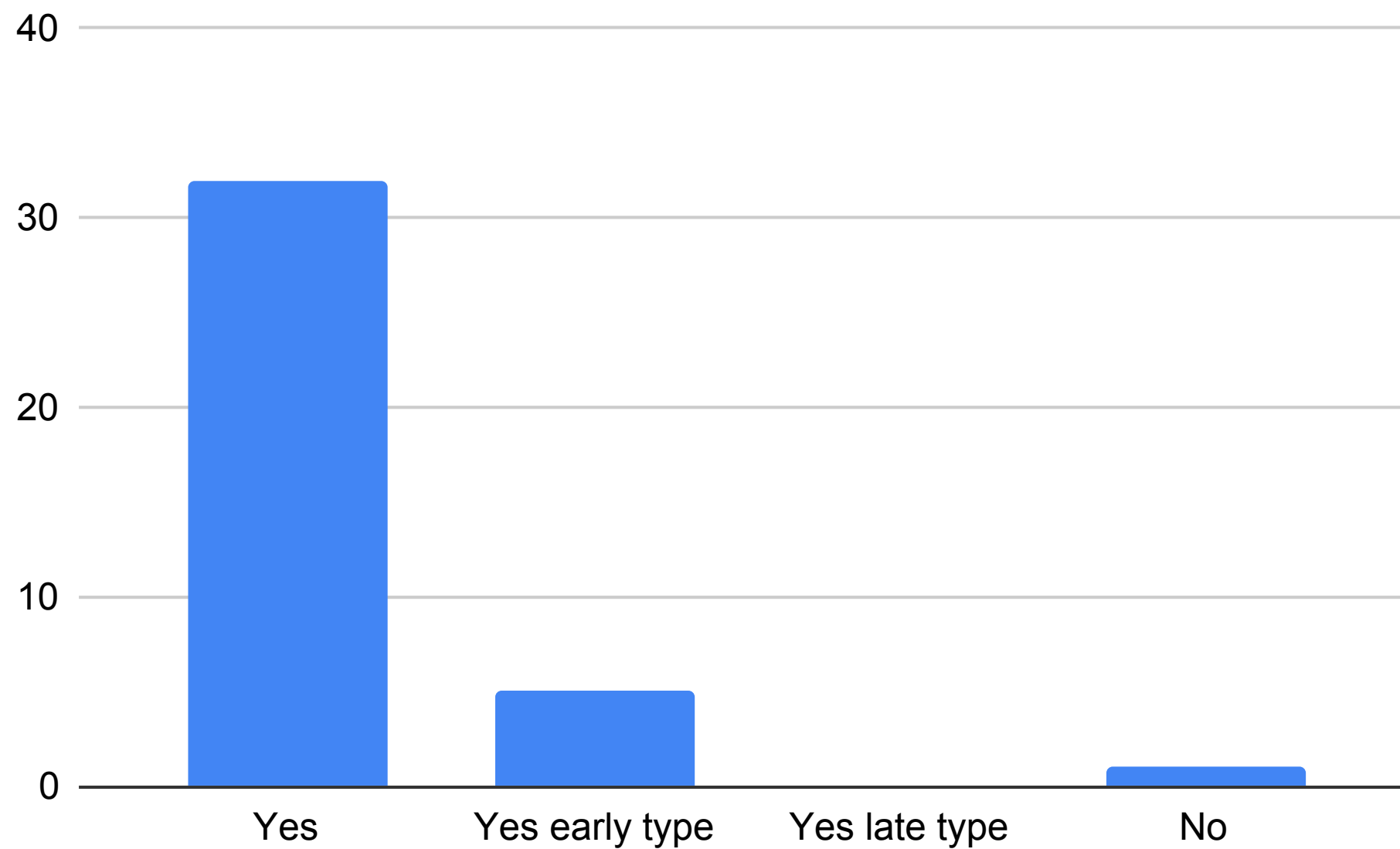
+ a combination ?

A new survey for the posterity

Do M dwarfs planets (in the HZ) have atmosphere ?

Yes	Yes, but only around early type
Yes, but only around late type	No

Do M dwarfs planets (in the HZ) have atmosphere ?



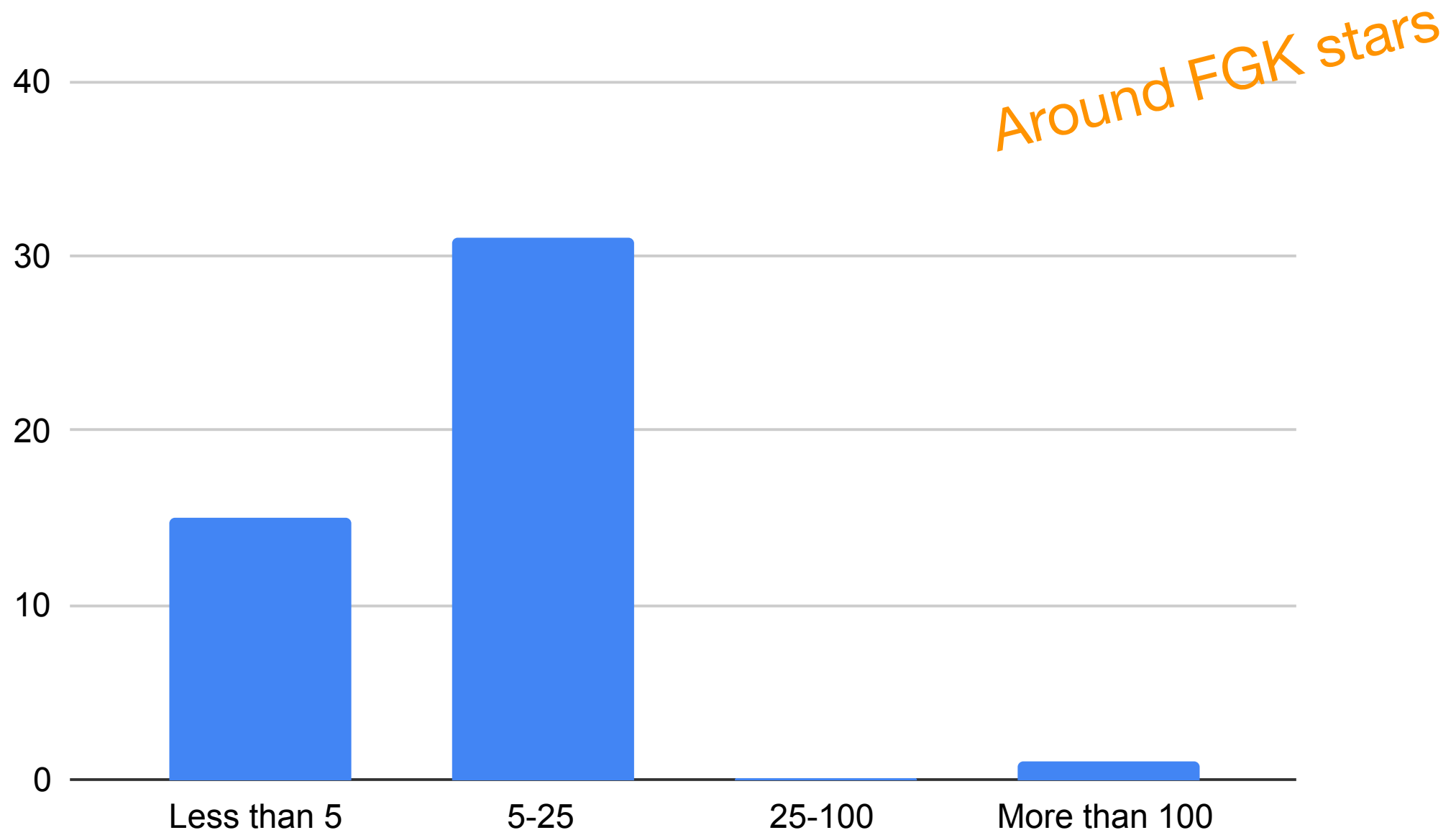
A new survey for the posterity

In the next 10 years, how many Earth-size or Earth-mass planets in the HZ zones of stars within 25 parsecs will be discovered ?

Around FGK stars

Less than 5	5 - 25	25 - 100	More than 100
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In the next 10 years, how many Earth-size or Earth-mass planets in the HZ zones of stars within 25 parsecs will be discovered ?



A new survey for the posterity

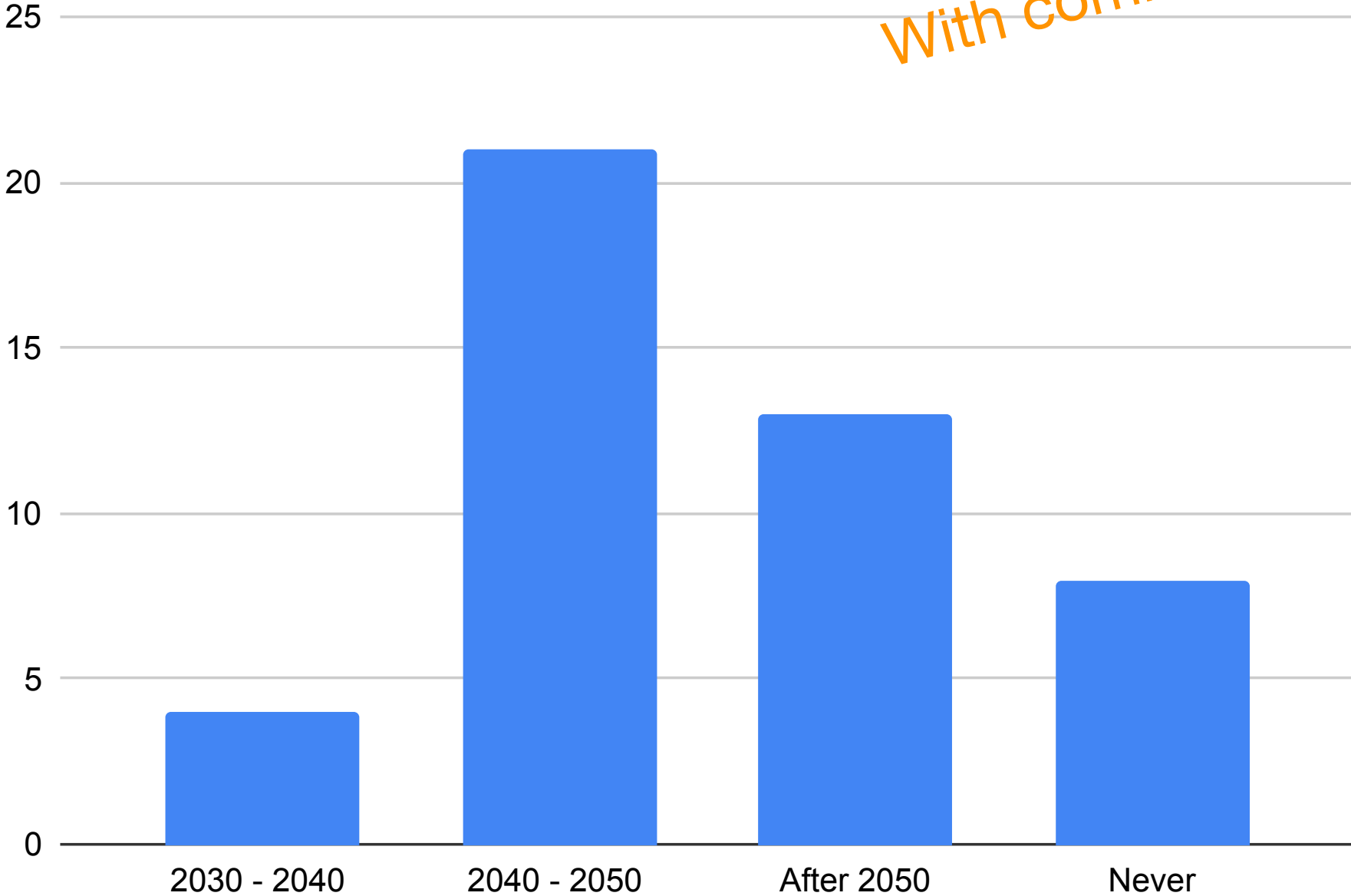
When/will the ELT detect biosignature ?

With community agreeing on it

2030 - 2040	2040 - 2050	After 2050	Never
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When/will the ELT detect biosignature ?

With community agreeing on it



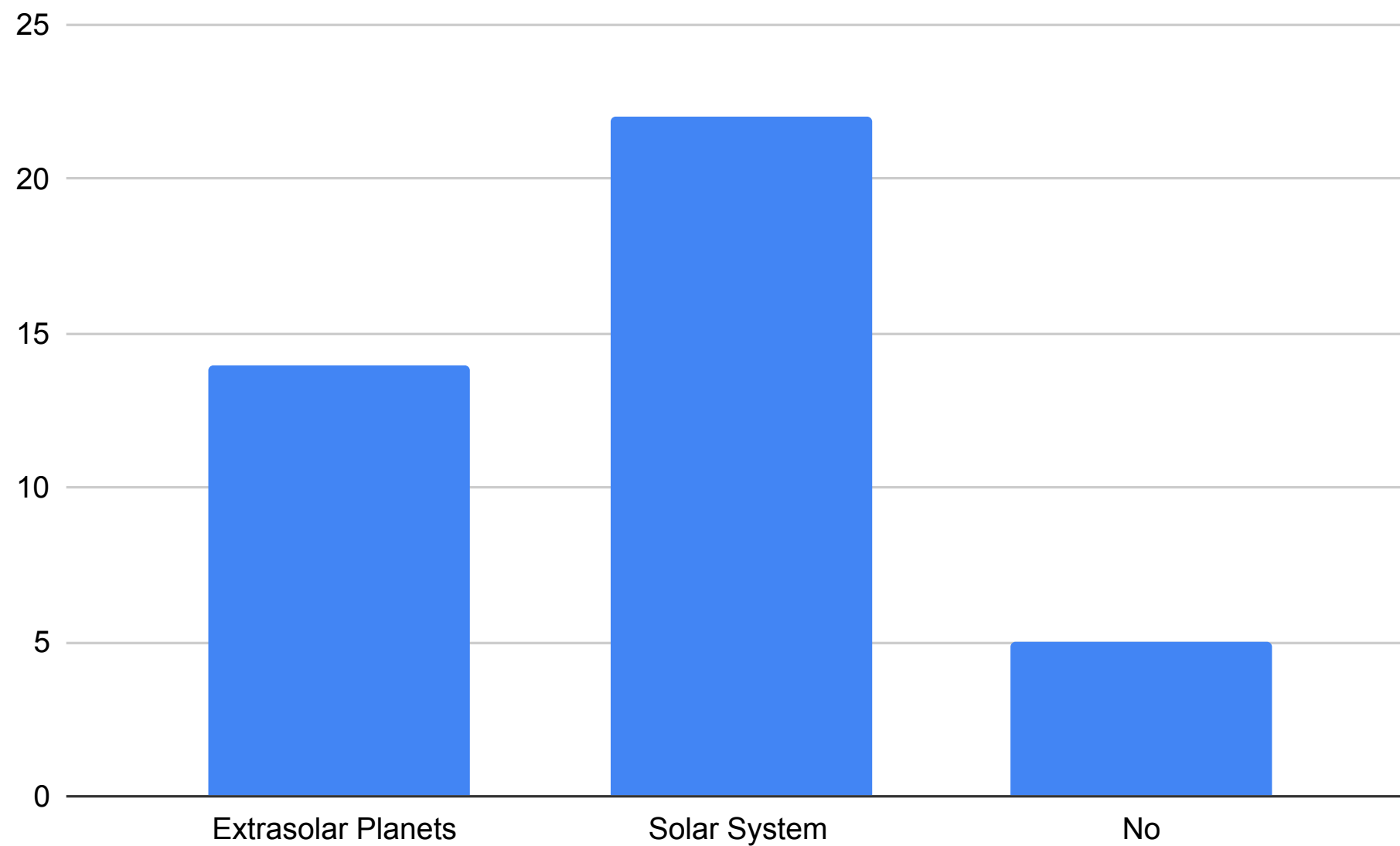
A new survey for the posterity

Where will we first detect extraterrestrial life ? *+ never*

In an extrasolar system	In the Solar System
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Where will we first detect extraterrestrial life ?

+ never



Thanks !

And have a nice trip back

OCTOBER 6TH TO 10TH 2025

51 PEGASI b

COOL GIANT PLANETS
AND THEIR SYSTEMS

