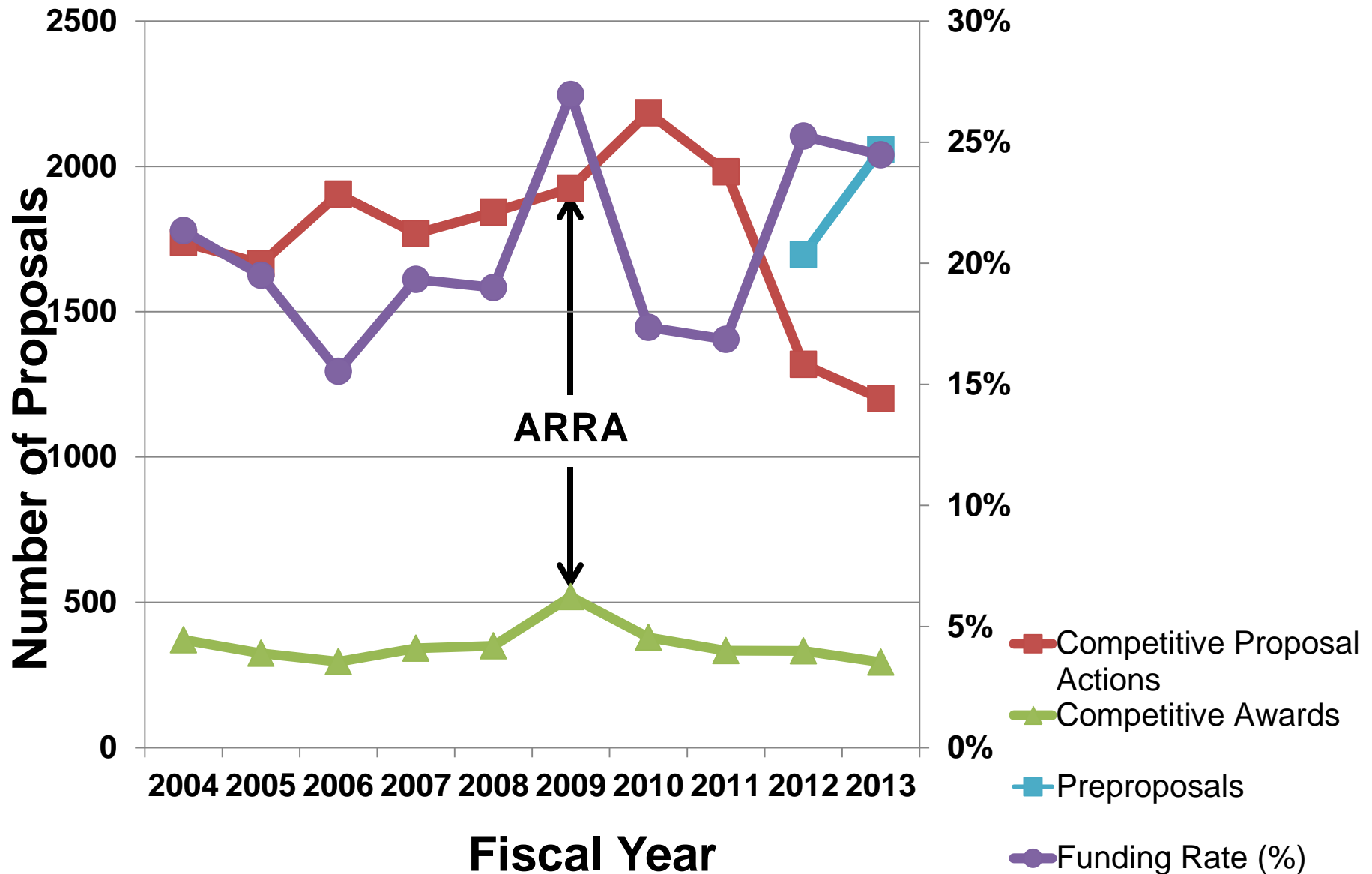# Integrative Organismal Systems
Preliminary Proposal Pilot Data

MPS AC Meeting
April 3, 2014

Proposal Load & Success Rates

IOS Core Proposal Success Rate

IOS (all clusters)	#	%
Preliminary proposals received January 2012	**1836**	
Invitations May 2012	**547**	**29.8%**
Full proposals received (includes collaborative research) August 2012	**634**	
Proposals Funded October 2012-September 2013	**175**	**27.6%**
IOS Overall (Core) Success Rate		*8.2%*

Number of Proposal Submissions per Review Cycle as a PI or Co-PI

- 1900 Full proposals in 2011
- 1984 Pre-proposals in 2013

# Submissions in Review Cycle	Before (Full Proposal) 2008-2012	After (Pre-proposal) 2012-2013
1	96.0%	84.6%
2	3.7%	15.2%
3+	0.3%	0.2%

(data from FY 2008 to Now)

IOS Invite Tracking

IOS (all clusters)	% Existing Awards		% Preproposals		% Invites	
	2012	2013	2012	2013	2012	2013
Beginning Investigators	18.1	16.7	24.6	26.1	23.1	26.5
URMs	6.9	10.5	6.9	7.8	8.3	8.7
Women	35.0	33.5	35.6	33.6	41.3	35.8
EPSCoR	17.7	18.6	23.9	23.6	19.7	19.5
MSI	2.9	3.1	5.2	6.2	4.4	6.6
RUI	7.8	8.1	5.8	9.5	6.3	8.0
Overall					*29.4%*	*21.5%*

Beginning Investigators

Proposals with Beginning Investigators
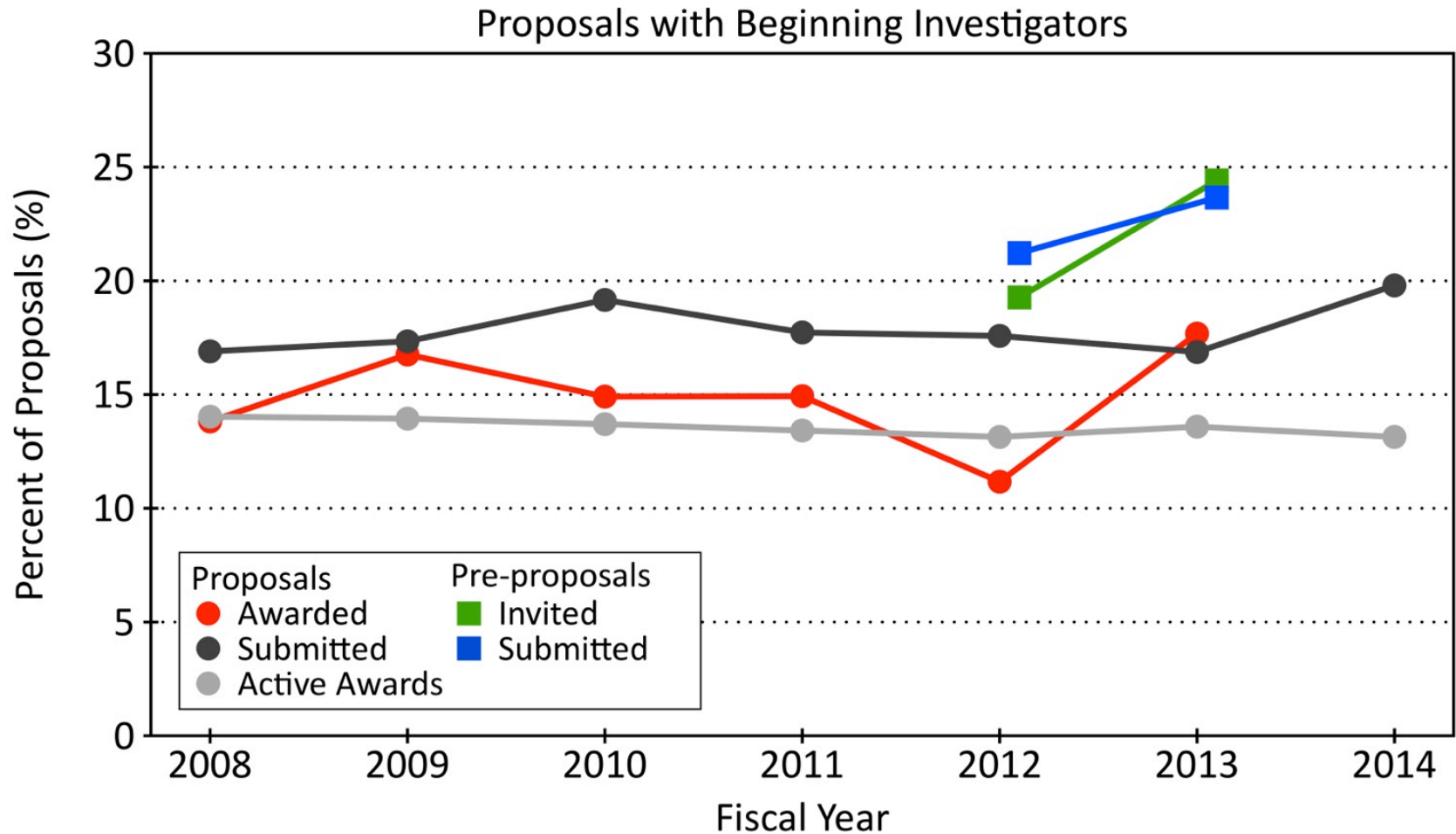
Female Investigators

Under-Represented Minorities
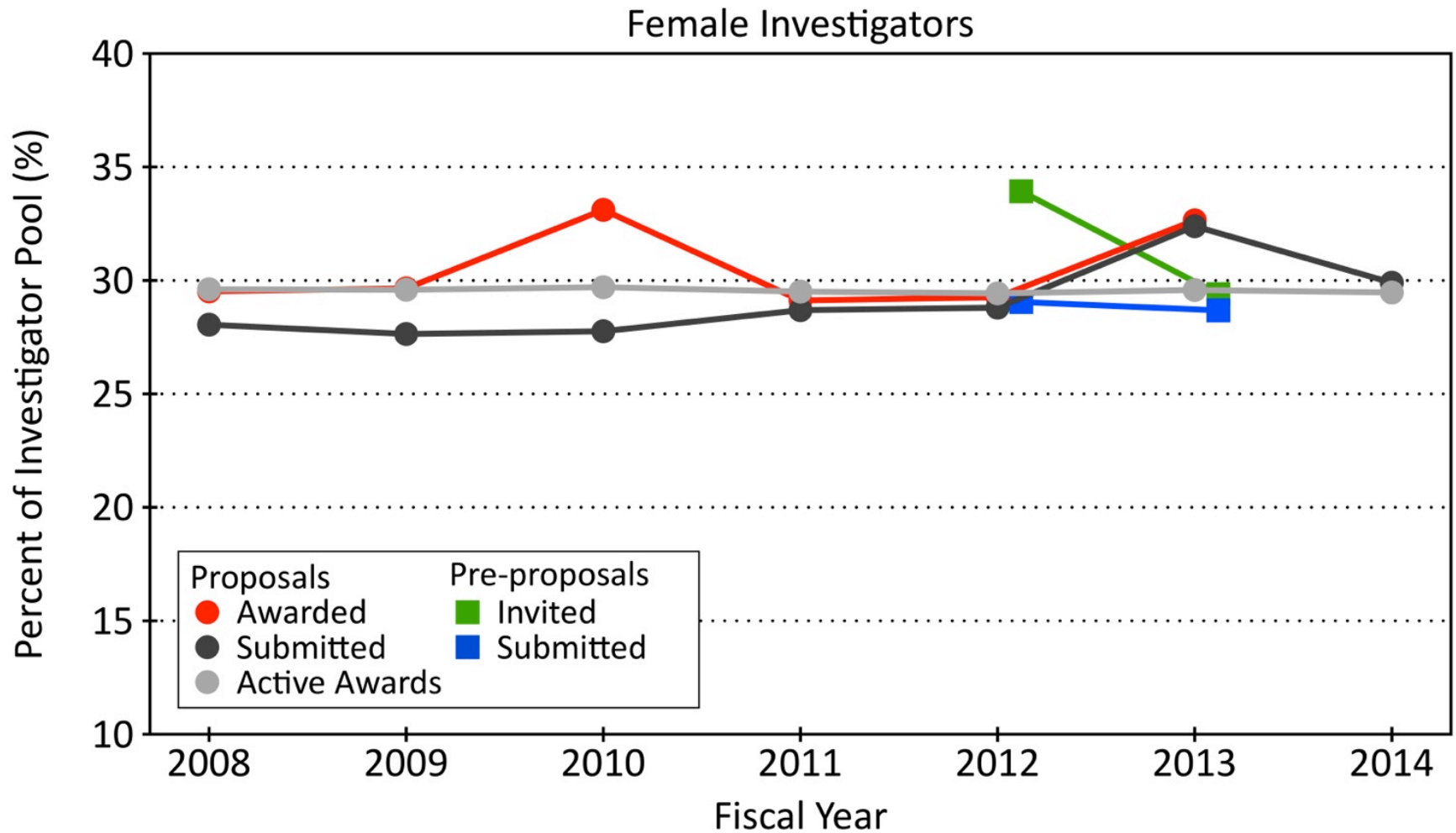
Under-Represented Minority (URM) Investigators
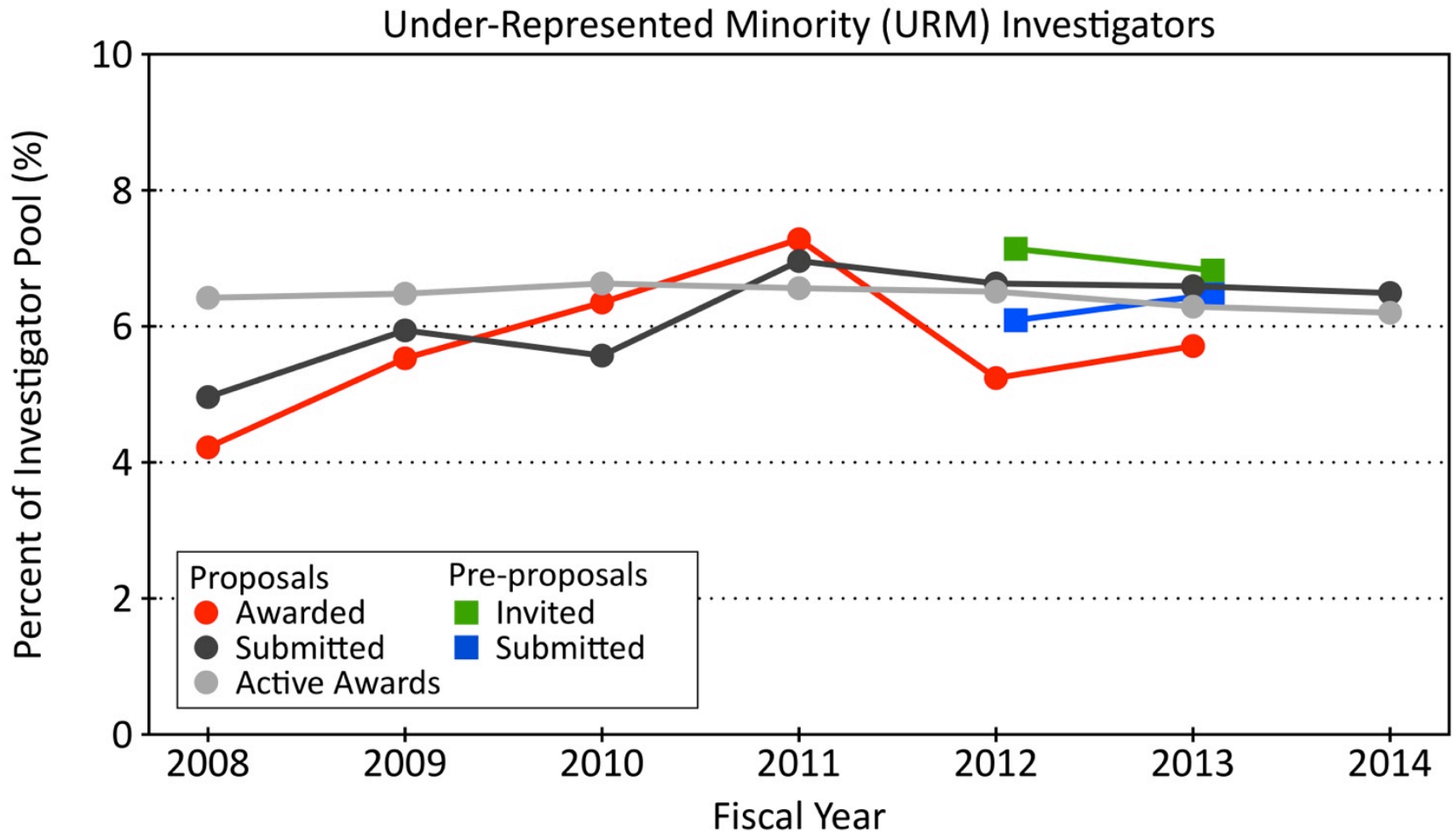
Proposals from Primarily Undergraduate Institutions
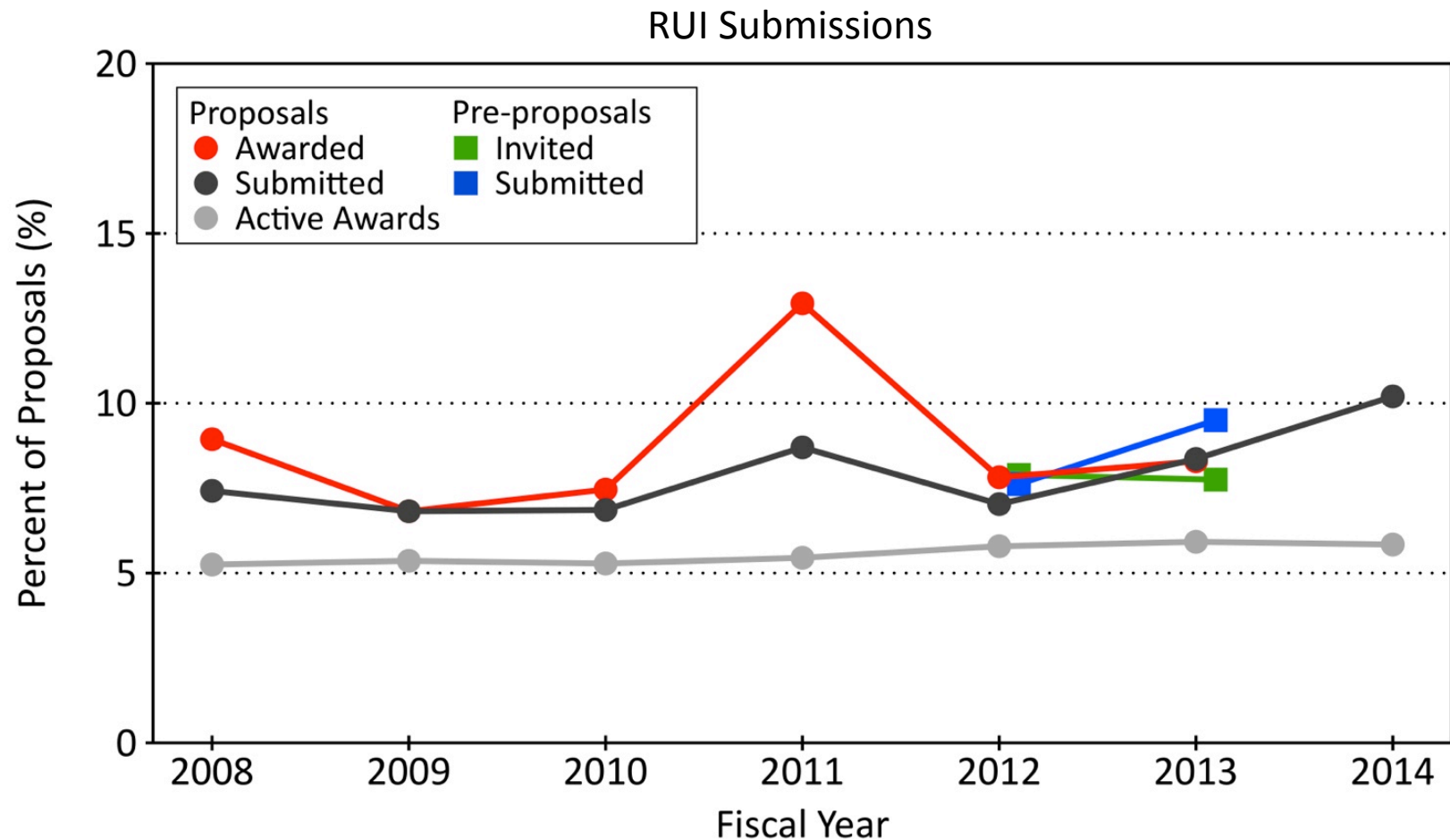
Adequate Content?
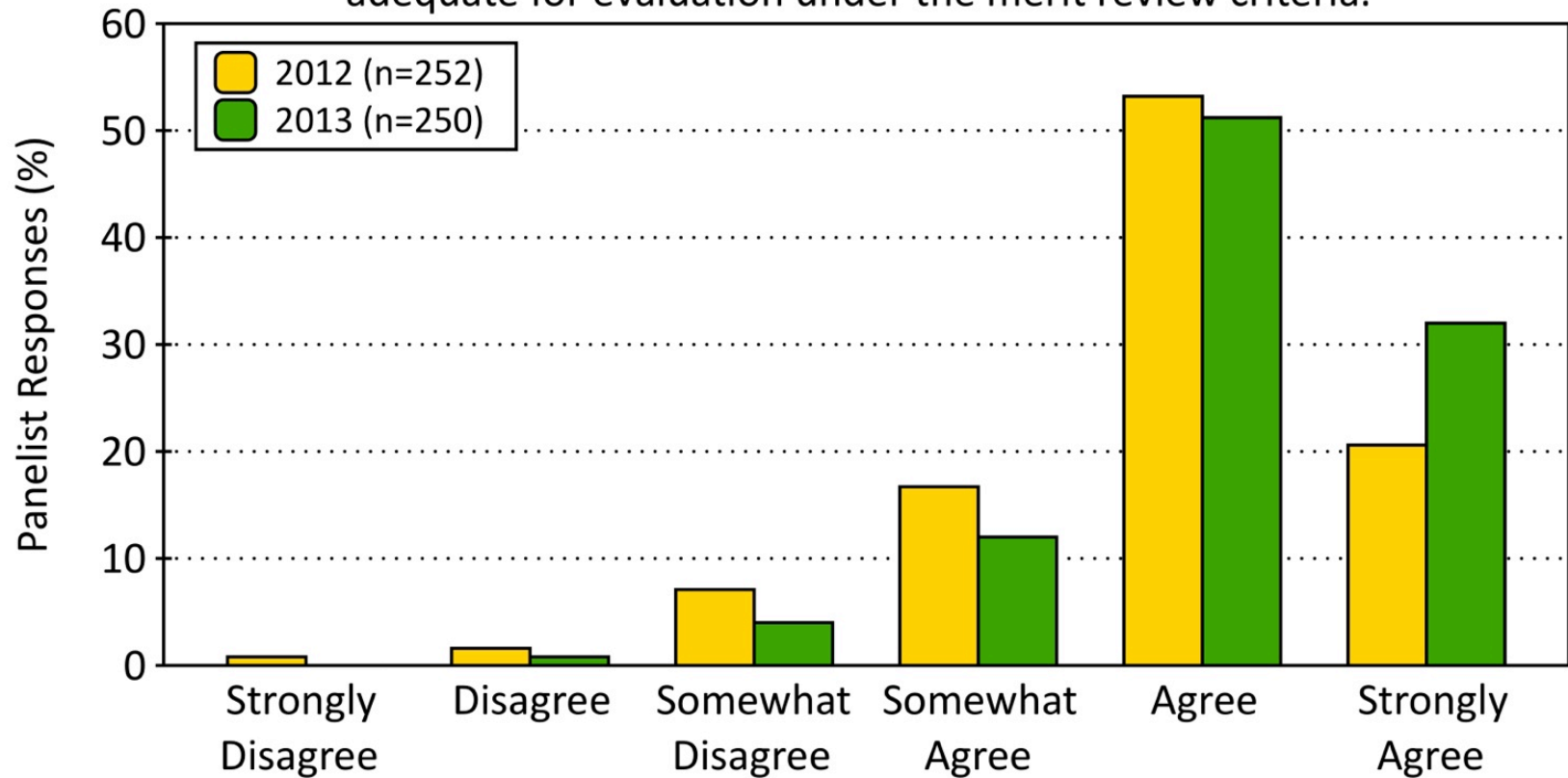
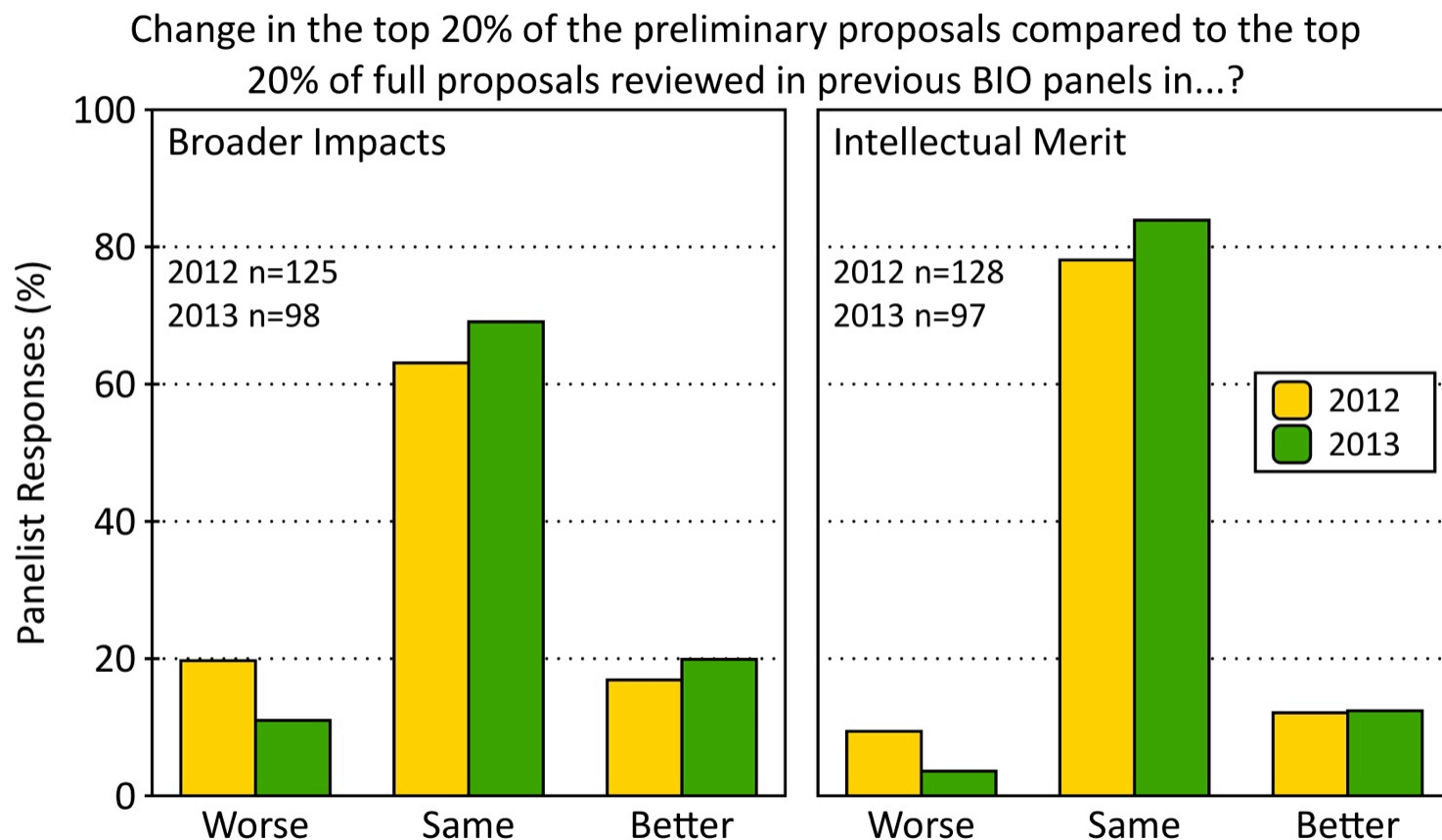# Opportunity To Provide Feedback?
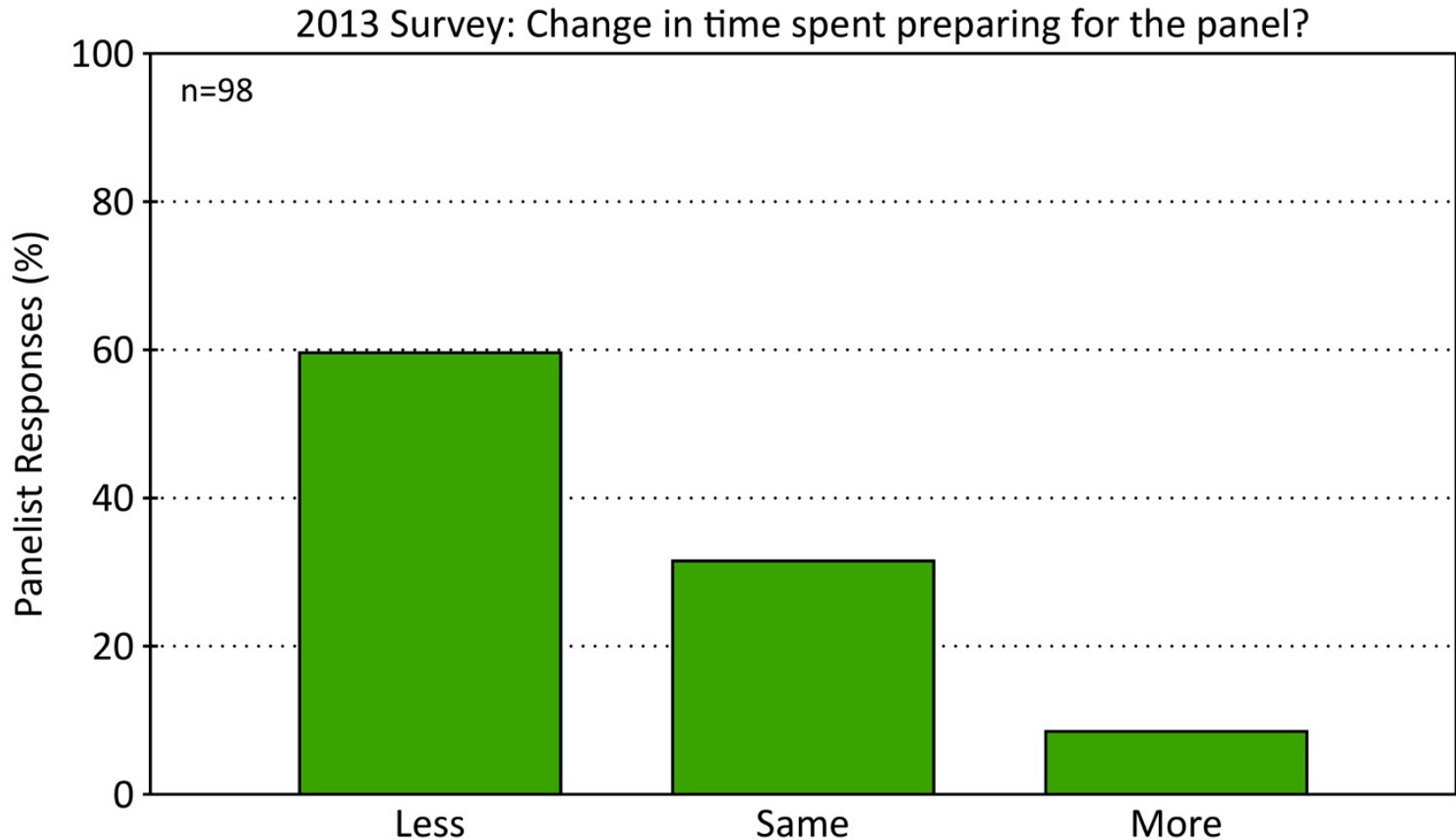

2013 Survey: "I believe I was able to provide useful feedback to PIs through my reviews and our panel summaries."
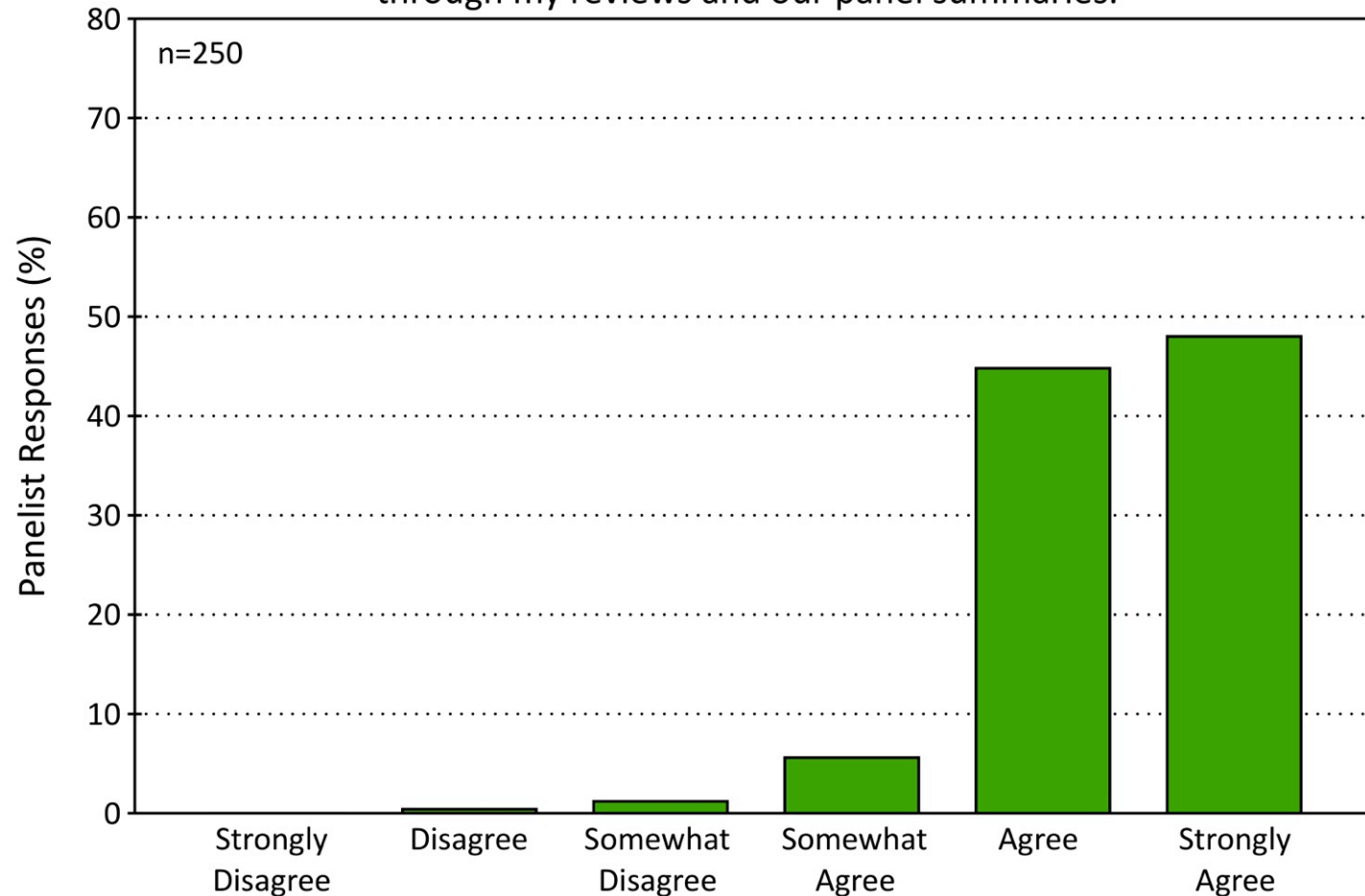
Change In Proposal Quality?

Change in the top 20% of the preliminary proposals compared to the top 20% of full proposals reviewed in previous BIO panels in…?

Review Preparation Time

2013 Survey: Change in time spent preparing for the panel?

n=98

IOS Submission Frequency

Twice Yearly Full Proposal System PI Submission Frequency (2009-2012)*			Pre-proposal PI Submission Frequency (2012-2013)		
Proposals/ Year	PI Count	% PIs	Pre-proposals/ Year	PI Count	% PIs
1	4958	82.84	1	4505	84.66
2	929	15.52	2	799	15.02
3	79	1.32	3	17	0.32
>3	19	0.312	>3	0	0

*From program data. For each PI, considers only years when a proposal was submitted

Ad hoc Review Requests

		Requested	Reviewed	Return %
2009-2011	**Core**	16,678	9,560	57.3
	Other	3,473	1,889	54.4
	Total	20,151	11,449	56.8
2012-2013	**Core**	1,880	1,111	59.1
	Other	2,221	1,189	53.5
	Total	4,101	2,300	56.1

Preliminary Analysis:
Tracking the Fate of a Proposal

**Before:
FY 2008-2012**

proposal

14% → Awarded

86% → Declined

26% of 'declines' were resubmitted
Of those, ~32% eventually funded:
72% - 1 decline before award
19% - 2 declines before award
9% - 3+ declines before award

**After:
FY2013-**

proposal

29% → Invited

71% → Not invited

Invited 28% → Awarded

Invited 72% → Declined

16% of 'not invites' were resubmitted

51% of 'declines' were resubmitted