UEC Survey Analysis

SSRL and LCLS User Executive Committees

September 29th, 2022

SLAC NATIONAL ACCELERATOR LABORATORY

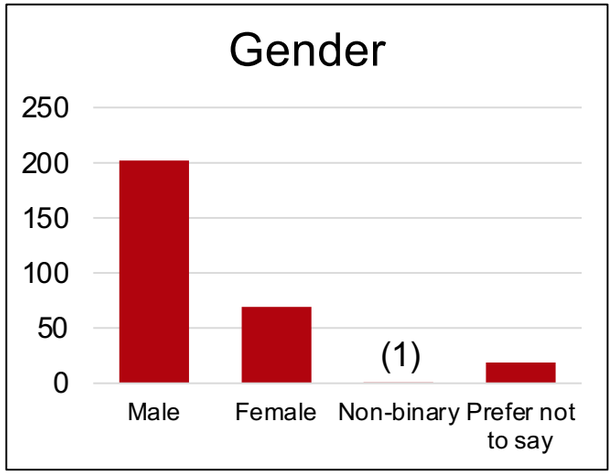
Stanford University | U.S. DEPARTMENT OF ENERGY

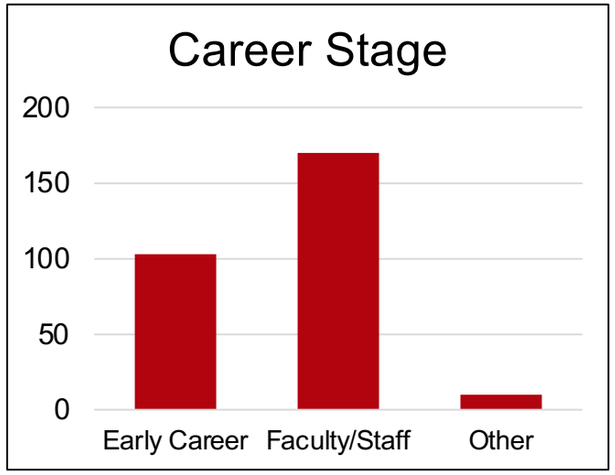
Numbers and response rate

- Total responses: 424 (from ~12,500 asked to join).
- 386 responses were from the users that had at least 1 proposal or 1 experiment in the last 3 years (2019-2021).
- The number of unique users for the same time period (last 3 years) at SLAC is 3710, signifying a ~10% response rate.
- *Note that the number of responses to each question may vary for several reasons (e.g. not all respondents answered all the questions, some questions may allow multiple answers, etc.)*

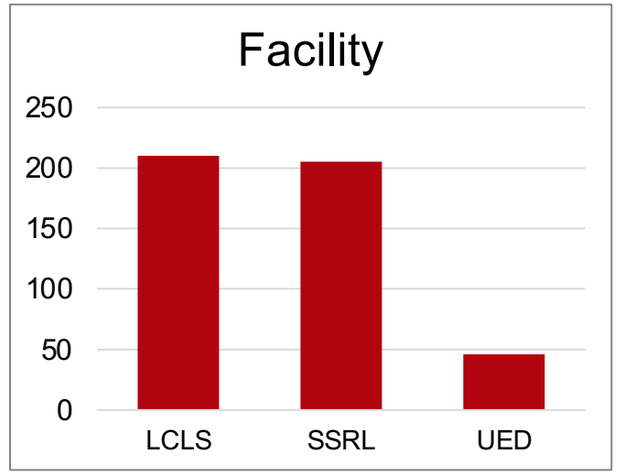
For FY19-FY21	SLAC	LCLS	UED	SSRL
Total Unique Users	3710	995	210	2751
On-Site	2671	707	151	1994
Remote	1553	541	83	971

Numbers of unique users of SLAC facilities in the last 3 years. Note that there is overlap in these populations, so columns/rows are not additive – some users use multiple facilities and/or have participated both on-site and remotely.





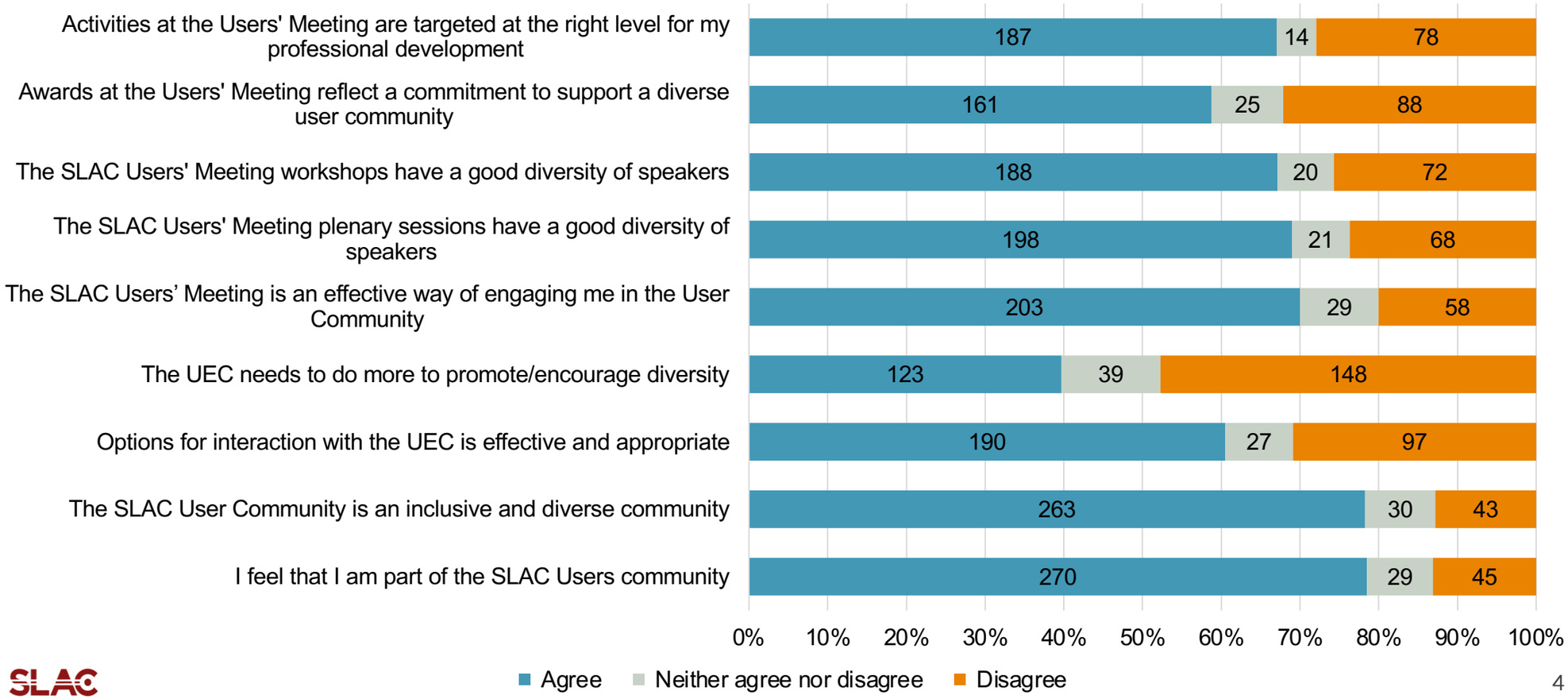
*Early Career = Students/Postdocs



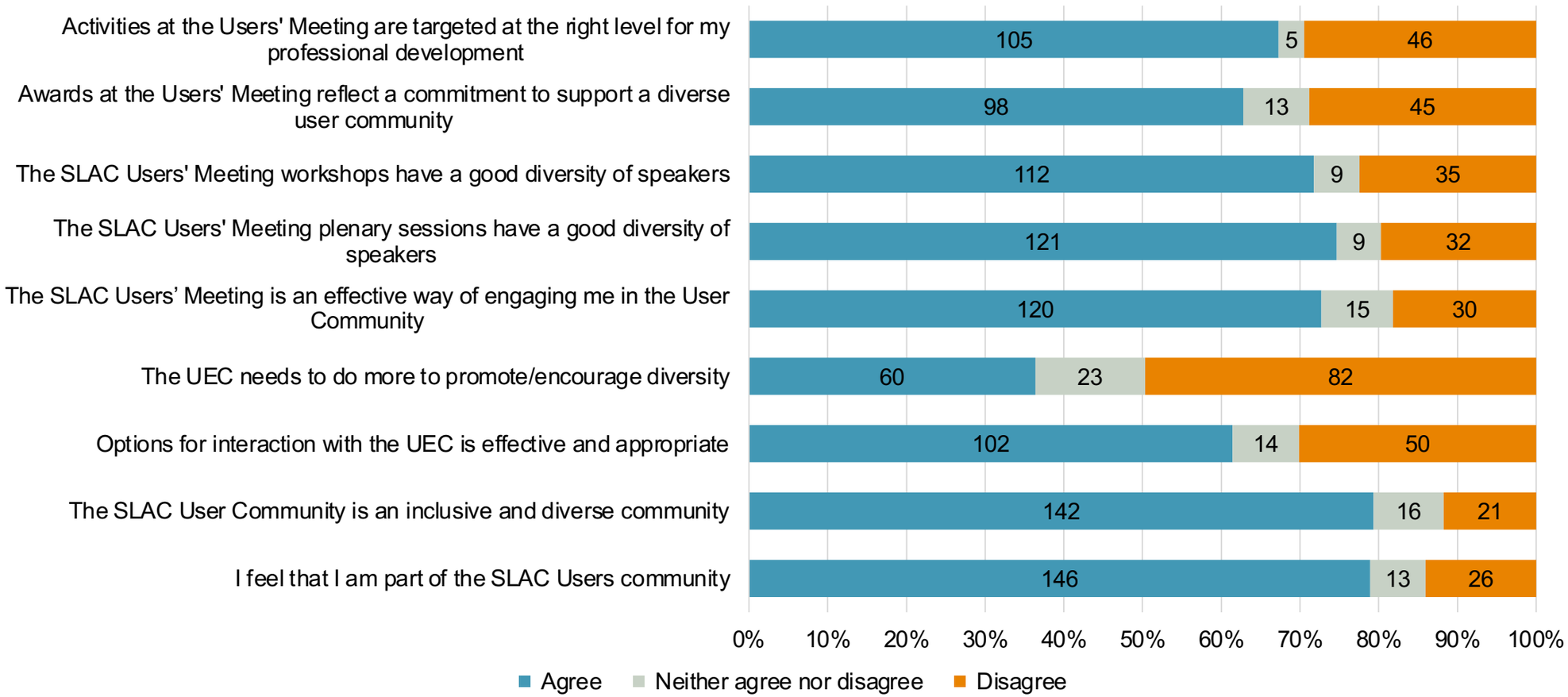
Facility climate

Agree = “strongly agree” or “somewhat agree”
Disagree = “strongly disagree” or “somewhat disagree”
The numbers on the plot show the exact number of answers, while the bar length corresponds to the percentage.
Note that each correspondent could be a user to more than one facility, or none of the facilities

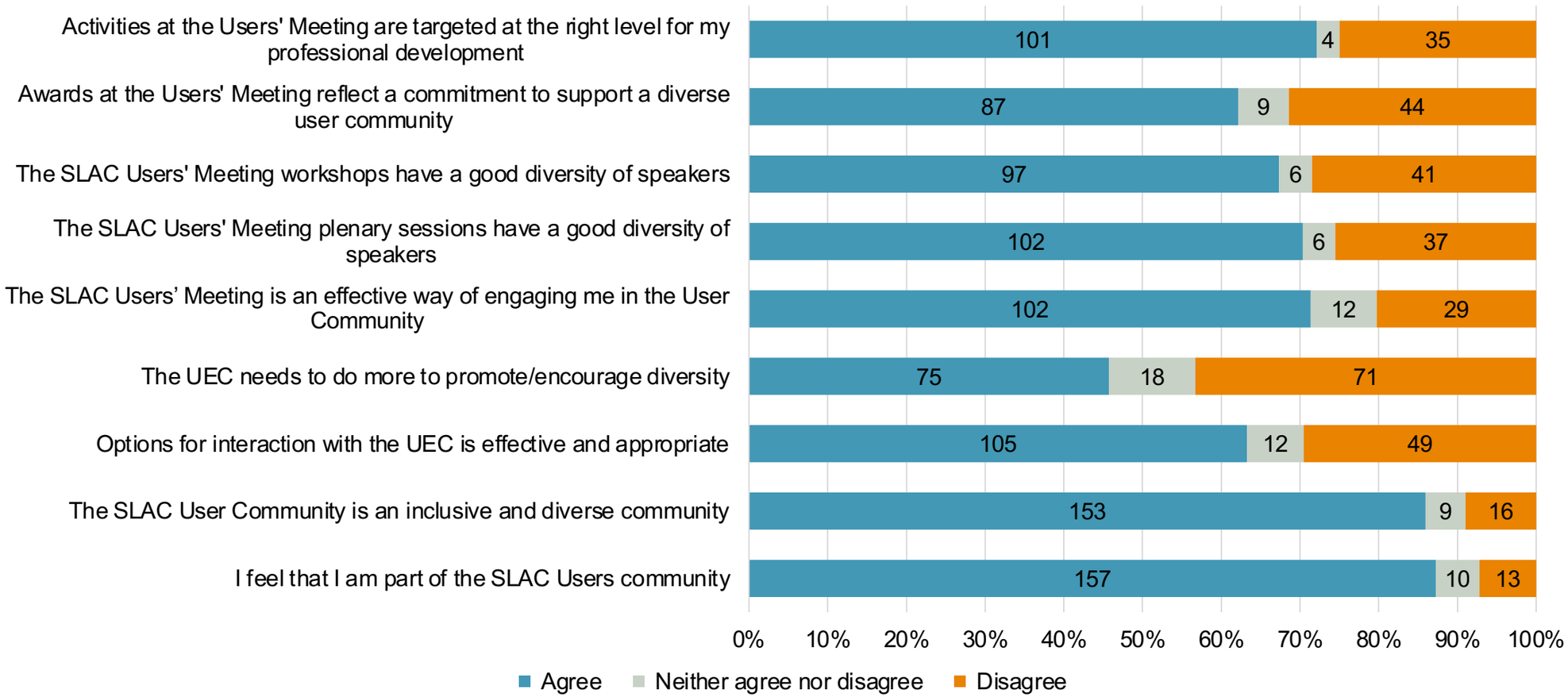
All respondents



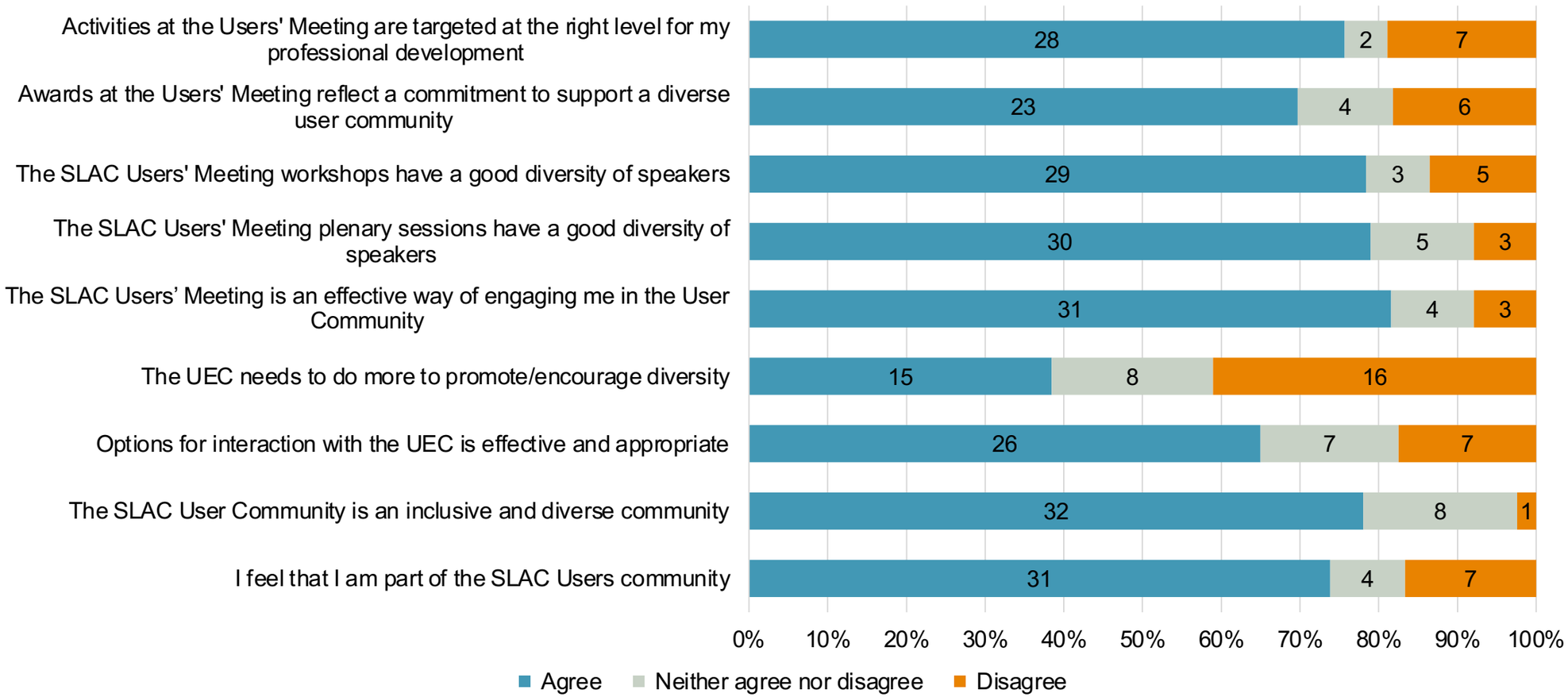
LCLS users


Activities at the Users' Meeting are targeted at the right level for my professional development
105
5
46
Awards at the Users' Meeting reflect a commitment to support a diverse user community
98
13
45
The SLAC Users' Meeting workshops have a good diversity of speakers
112
9
35
The SLAC Users' Meeting plenary sessions have a good diversity of speakers
121
9
32
The SLAC Users' Meeting is an effective way of engaging me in the User Community
120
15
30
The UEC needs to do more to promote/encourage diversity
60
23
82
Options for interaction with the UEC is effective and appropriate
102
14
50
The SLAC User Community is an inclusive and diverse community
142
16
21
I feel that I am part of the SLAC Users community
146
13
26
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Agree
Neither agree nor disagree
Disagree

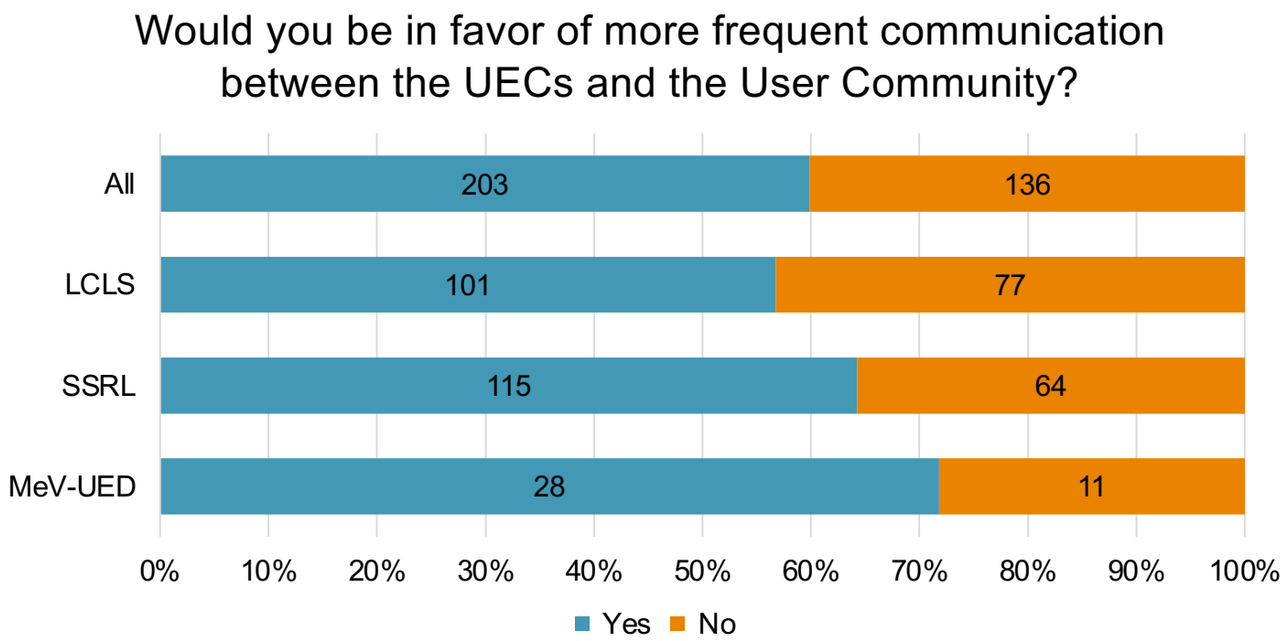
SSRL users


Activities at the Users' Meeting are targeted at the right level for my professional development
101
4
35
Awards at the Users' Meeting reflect a commitment to support a diverse user community
87
9
44
The SLAC Users' Meeting workshops have a good diversity of speakers
97
6
41
The SLAC Users' Meeting plenary sessions have a good diversity of speakers
102
6
37
The SLAC Users' Meeting is an effective way of engaging me in the User Community
102
12
29
The UEC needs to do more to promote/encourage diversity
75
18
71
Options for interaction with the UEC is effective and appropriate
105
12
49
The SLAC User Community is an inclusive and diverse community
153
9
16
I feel that I am part of the SLAC Users community
157
10
13
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Agree
Neither agree nor disagree
Disagree

MeV-UED users



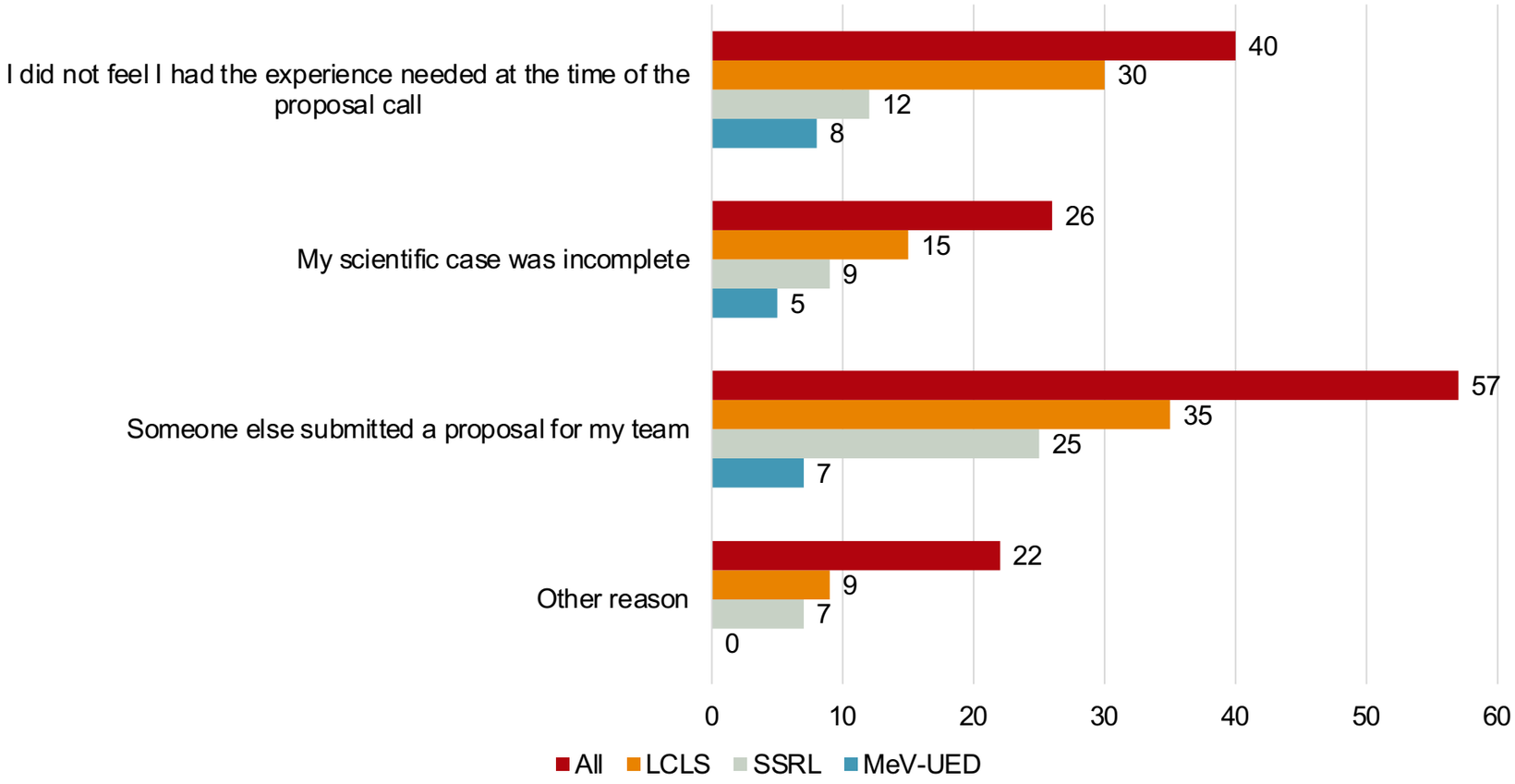
Note: each respondent could be a user of more than one facility (in which case the answer is counted towards all facilities the respondent has used), or none of the facilities.



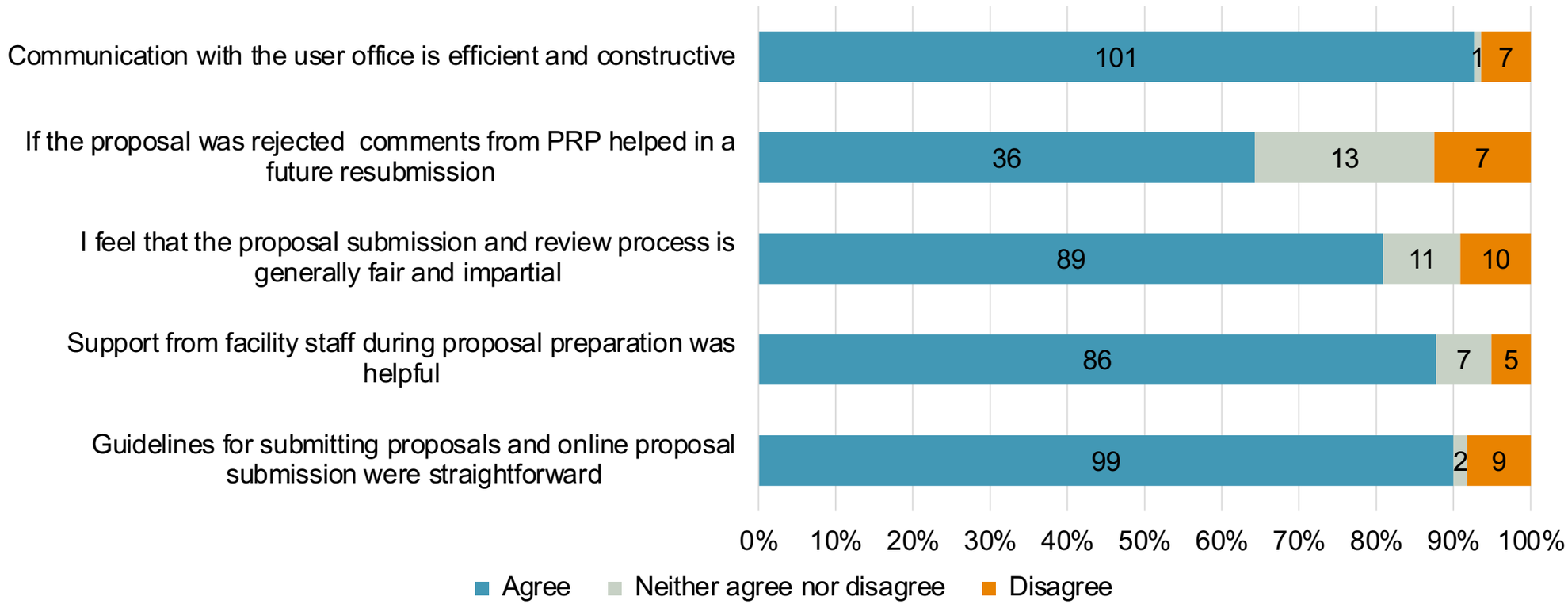
Proposal

Note: each correspondent could be a user of more than one facility, in which case the answer was counted for all facilities the correspondent has used.

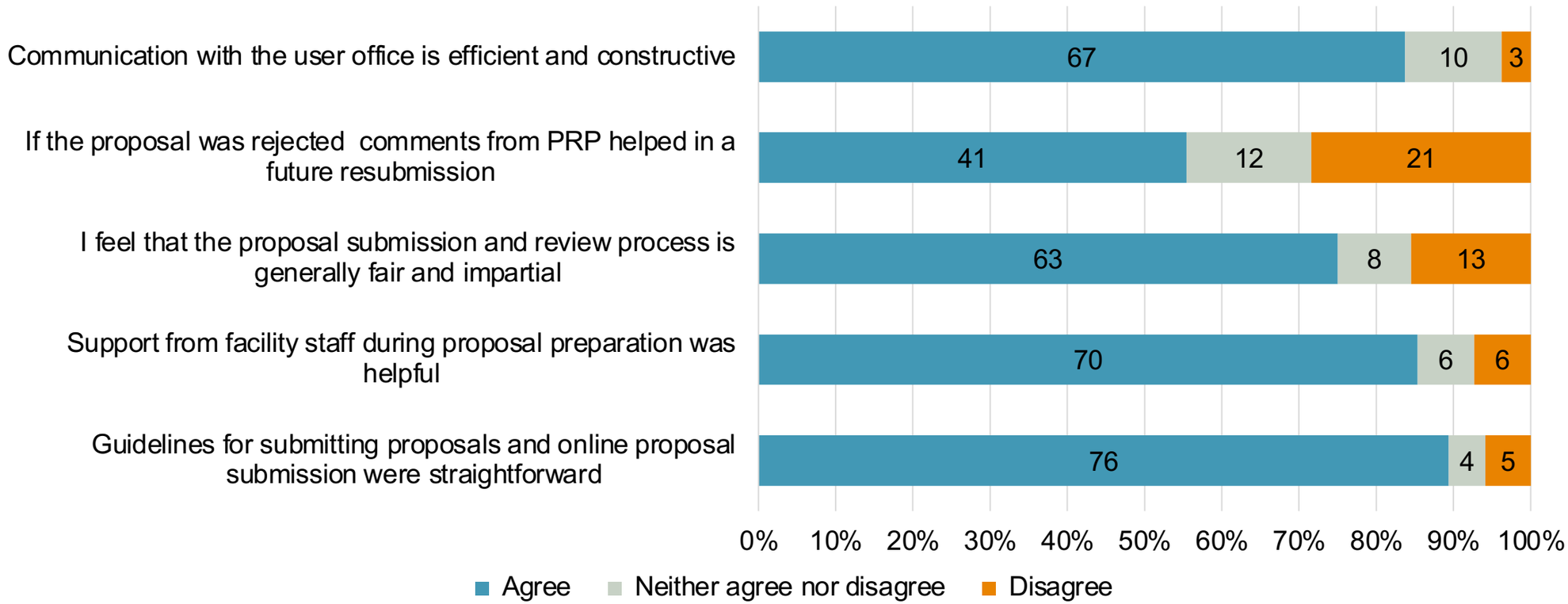
Check all that apply: Were there any specific barriers that prevented you from submitting a proposal?



SSRL

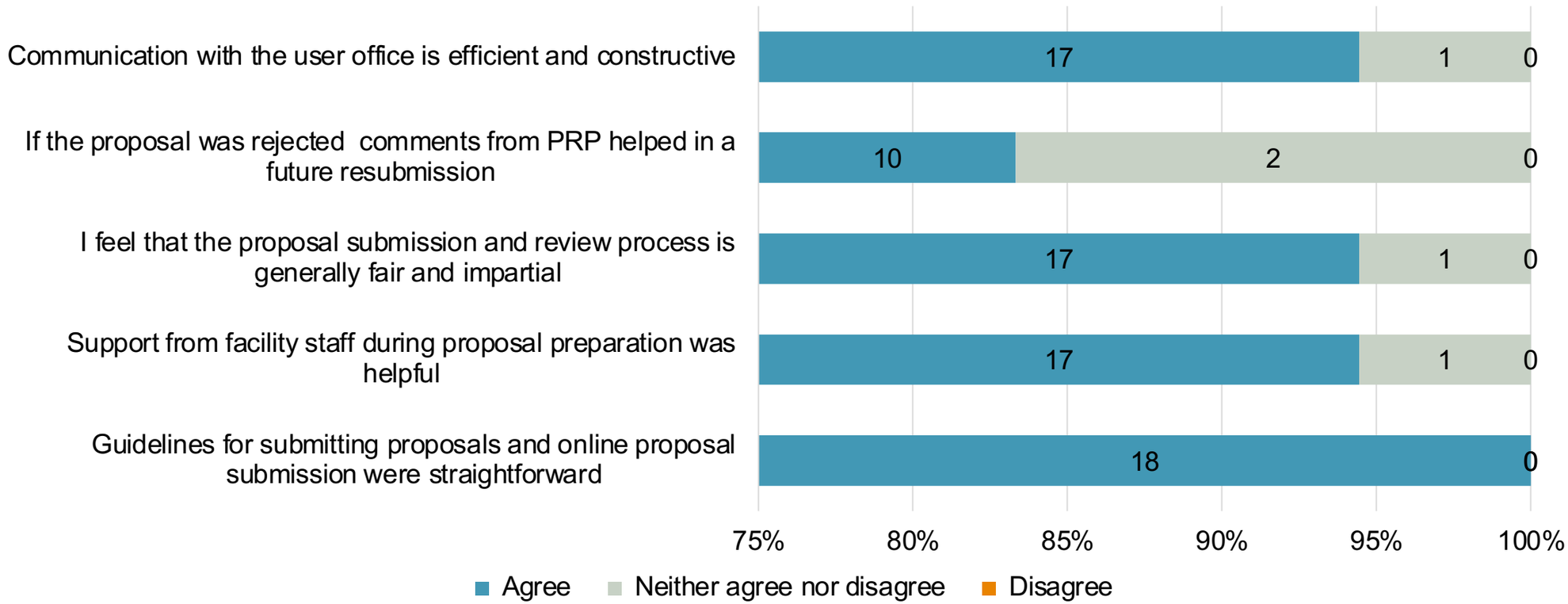

Communication with the user office is efficient and constructive
101
1
7
If the proposal was rejected comments from PRP helped in a future resubmission
36
13
7
I feel that the proposal submission and review process is generally fair and impartial
89
11
10
Support from facility staff during proposal preparation was helpful
86
7
5
Guidelines for submitting proposals and online proposal submission were straightforward
99
2
9
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Agree
Neither agree nor disagree
Disagree

LCLS


Communication with the user office is efficient and constructive
67
10
3
If the proposal was rejected comments from PRP helped in a future resubmission
41
12
21
I feel that the proposal submission and review process is generally fair and impartial
63
8
13
Support from facility staff during proposal preparation was helpful
70
6
6
Guidelines for submitting proposals and online proposal submission were straightforward
76
4
5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Agree
Neither agree nor disagree
Disagree

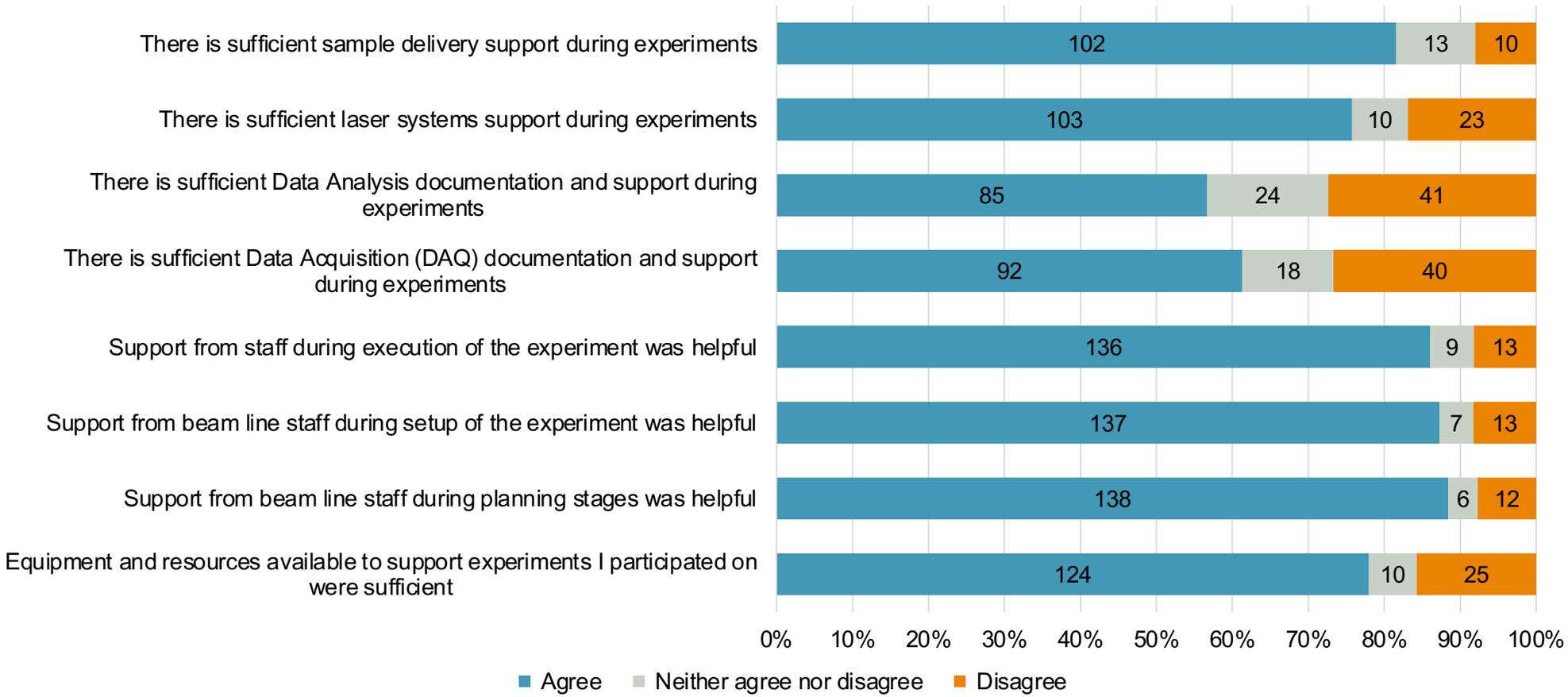
Note: “0” means no respondent gave the answer

MeV-UED

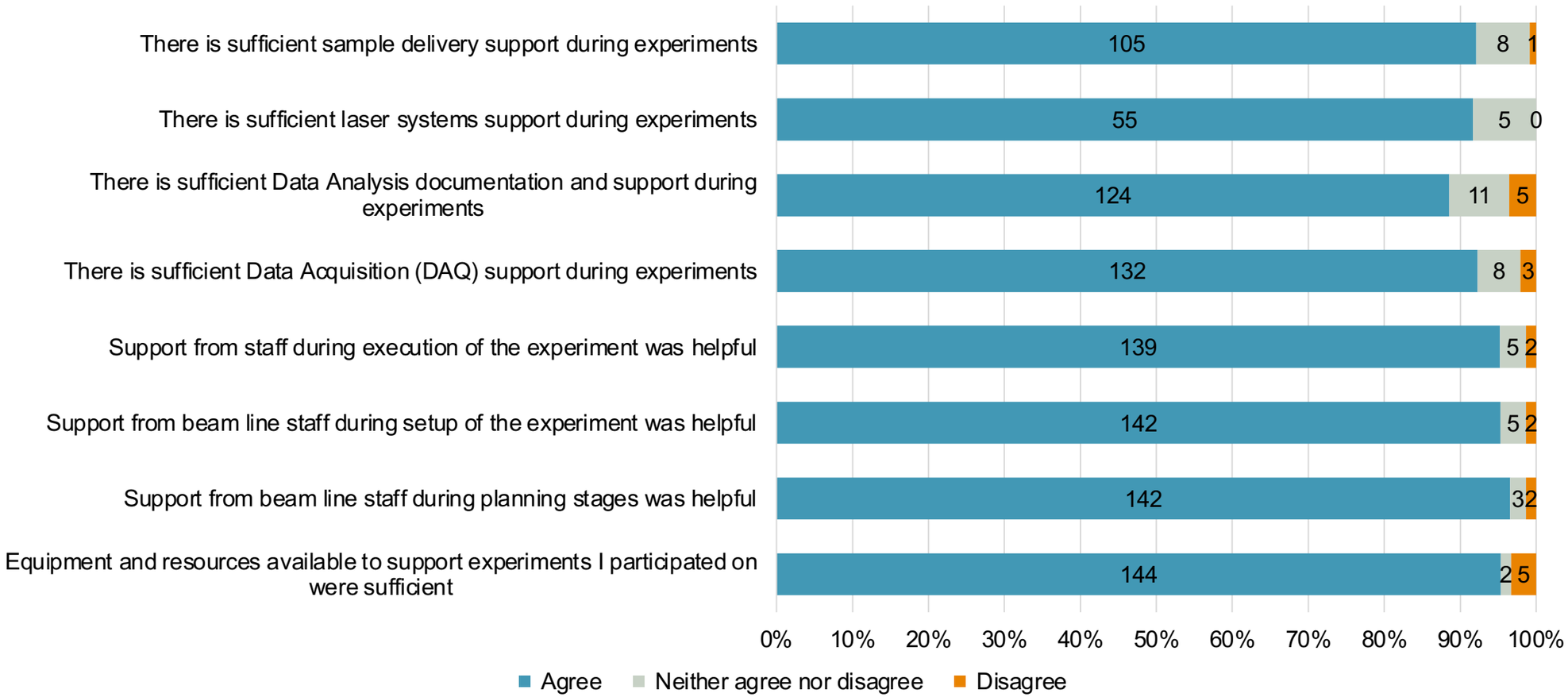


Experimental support

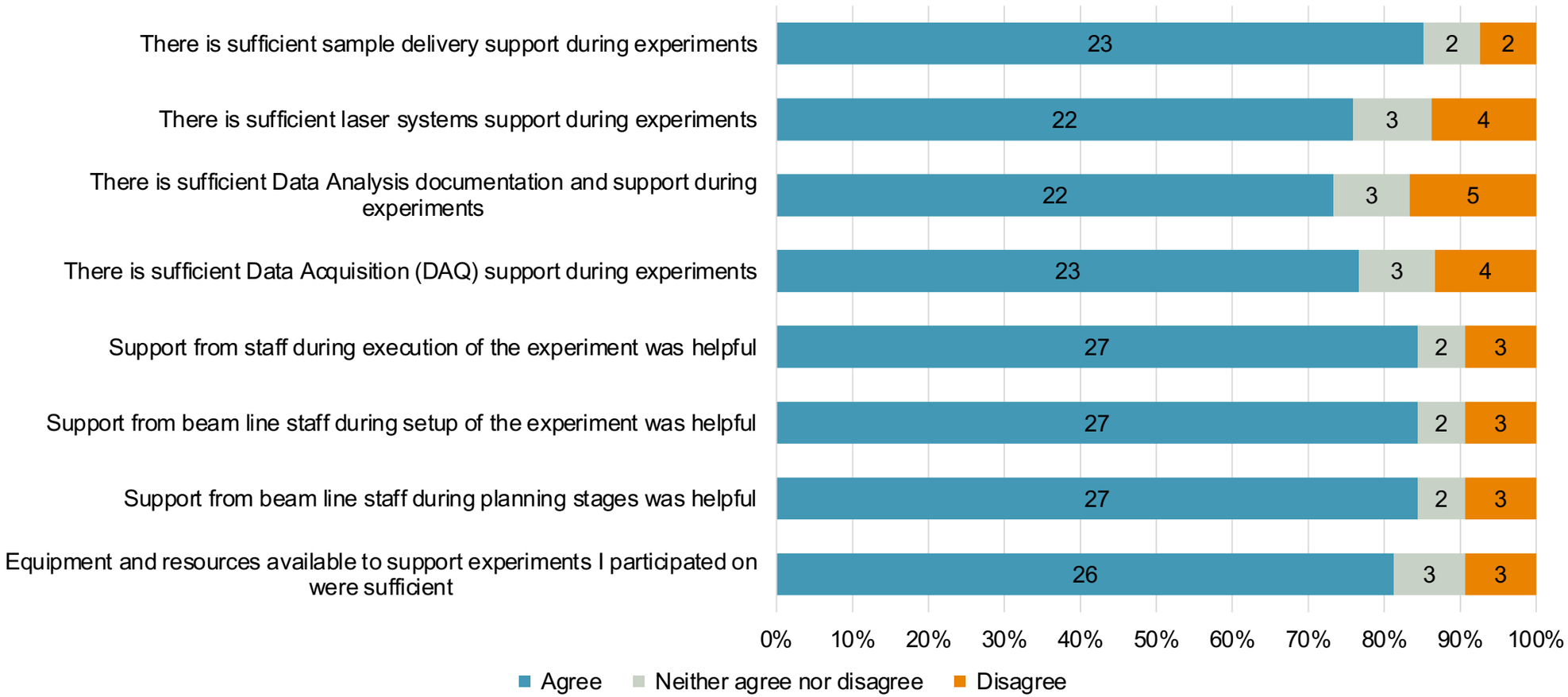
LCLS


There is sufficient sample delivery support during experiments
102
13
10
There is sufficient laser systems support during experiments
103
10
23
There is sufficient Data Analysis documentation and support during experiments
85
24
41
There is sufficient Data Acquisition (DAQ) documentation and support during experiments
92
18
40
Support from staff during execution of the experiment was helpful
136
9
13
Support from beam line staff during setup of the experiment was helpful
137
7
13
Support from beam line staff during planning stages was helpful
138
6
12
Equipment and resources available to support experiments I participated on were sufficient
124
10
25
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Agree
Neither agree nor disagree
Disagree

SSRL

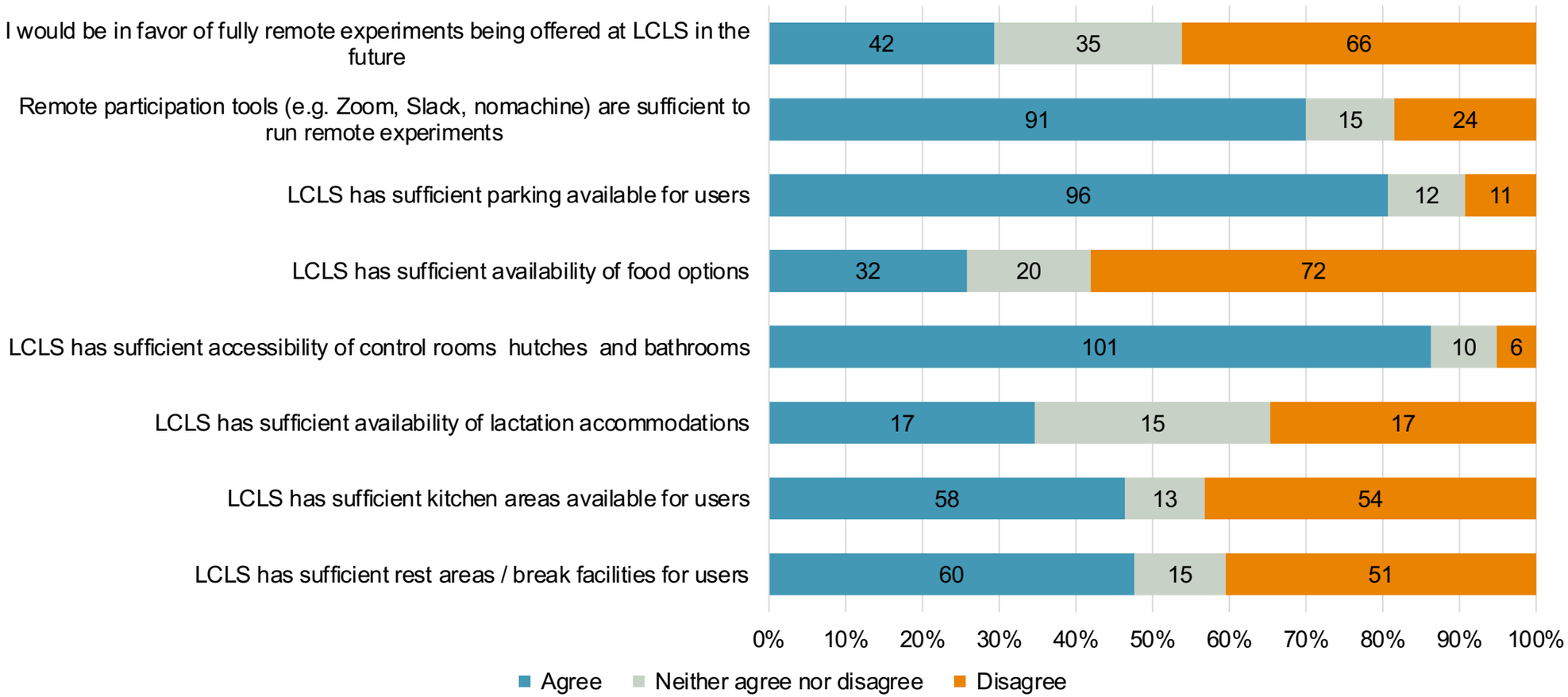

There is sufficient sample delivery support during experiments
105
8
1
There is sufficient laser systems support during experiments
55
5
0
There is sufficient Data Analysis documentation and support during experiments
124
11
5
There is sufficient Data Acquisition (DAQ) support during experiments
132
8
3
Support from staff during execution of the experiment was helpful
139
5
2
Support from beam line staff during setup of the experiment was helpful
142
5
2
Support from beam line staff during planning stages was helpful
142
3
2
Equipment and resources available to support experiments I participated on were sufficient
144
2
5
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Agree
Neither agree nor disagree
Disagree

MeV-UED

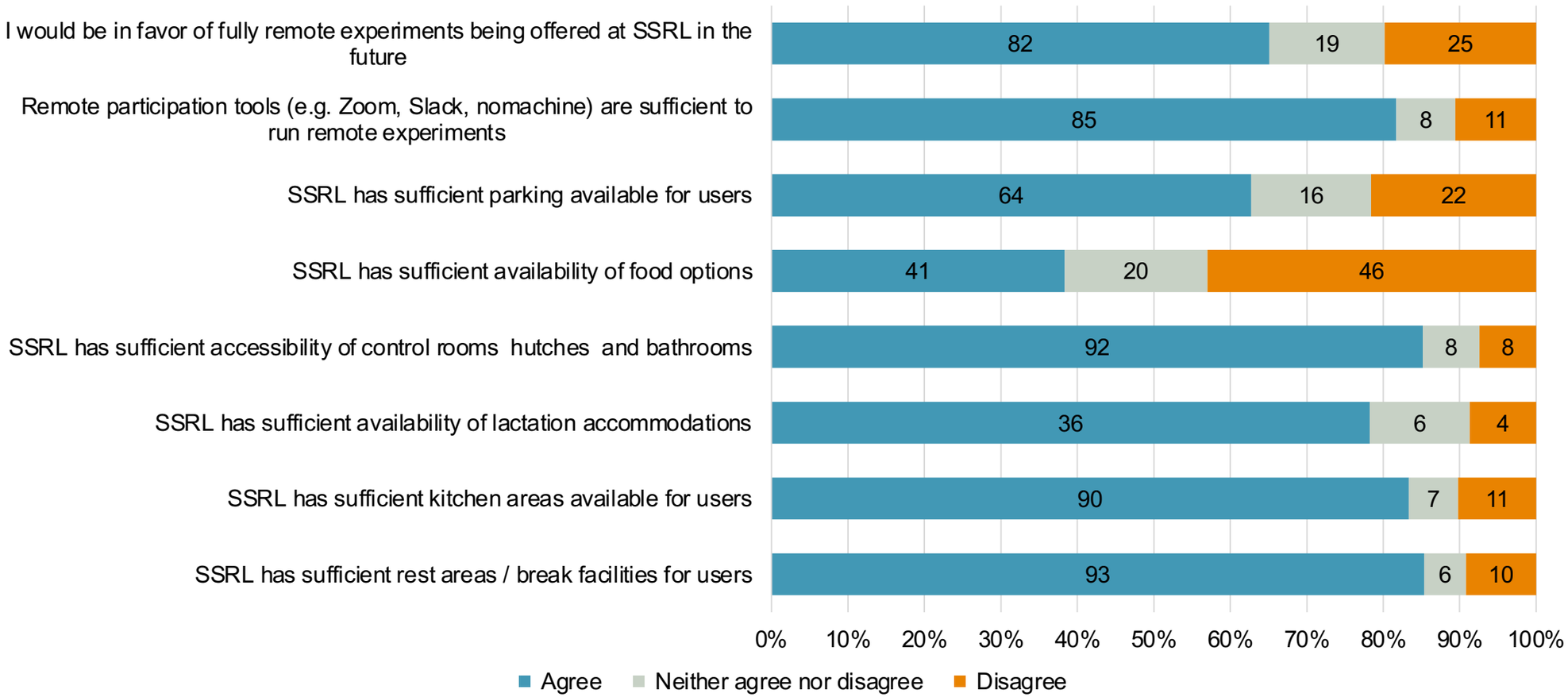

There is sufficient sample delivery support during experiments
23
2
2
There is sufficient laser systems support during experiments
22
3
4
There is sufficient Data Analysis documentation and support during experiments
22
3
5
There is sufficient Data Acquisition (DAQ) support during experiments
23
3
4
Support from staff during execution of the experiment was helpful
27
2
3
Support from beam line staff during setup of the experiment was helpful
27
2
3
Support from beam line staff during planning stages was helpful
27
2
3
Equipment and resources available to support experiments I participated on were sufficient
26
3
3
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Agree
Neither agree nor disagree
Disagree

Facility infrastructure

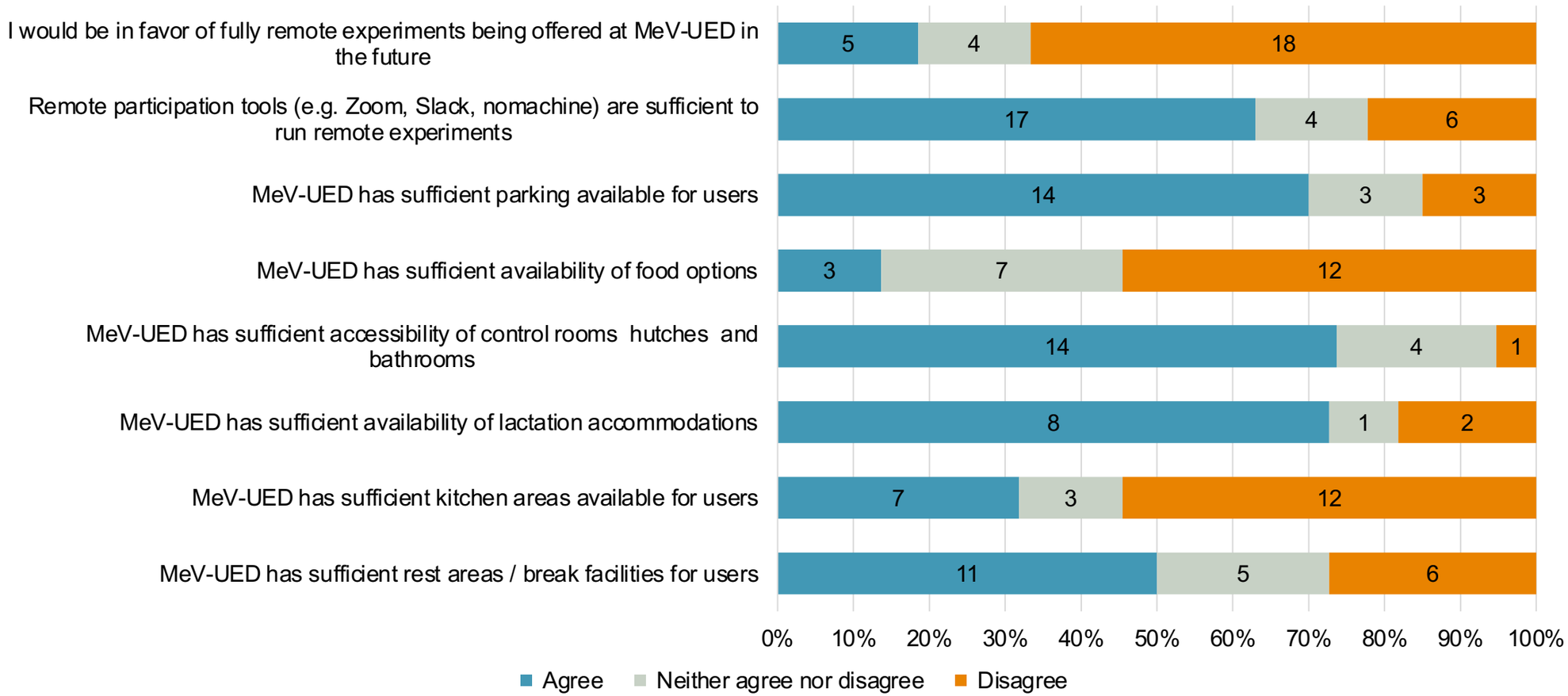
LCLS


I would be in favor of fully remote experiments being offered at LCLS in the future
42
35
66
Remote participation tools (e.g. Zoom, Slack, nomachine) are sufficient to run remote experiments
91
15
24
LCLS has sufficient parking available for users
96
12
11
LCLS has sufficient availability of food options
32
20
72
LCLS has sufficient accessibility of control rooms hutches and bathrooms
101
10
6
LCLS has sufficient availability of lactation accommodations
17
15
17
LCLS has sufficient kitchen areas available for users
58
13
54
LCLS has sufficient rest areas / break facilities for users
60
15
51
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Agree
Neither agree nor disagree
Disagree

SSRL

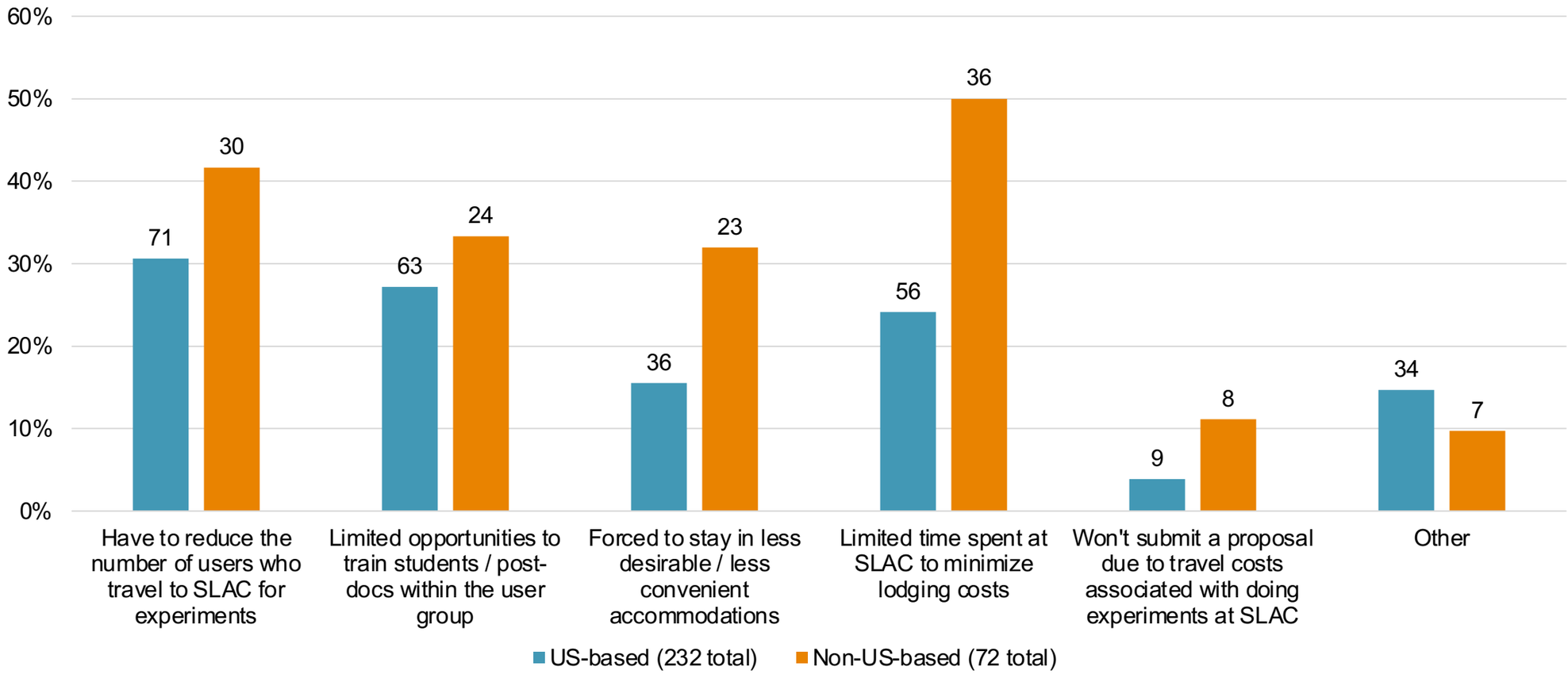

I would be in favor of fully remote experiments being offered at SSRL in the future
82
19
25
Remote participation tools (e.g. Zoom, Slack, nomachine) are sufficient to run remote experiments
85
8
11
SSRL has sufficient parking available for users
64
16
22
SSRL has sufficient availability of food options
41
20
46
SSRL has sufficient accessibility of control rooms hutches and bathrooms
92
8
8
SSRL has sufficient availability of lactation accommodations
36
6
4
SSRL has sufficient kitchen areas available for users
90
7
11
SSRL has sufficient rest areas / break facilities for users
93
6
10
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Agree
Neither agree nor disagree
Disagree

MeV-UED

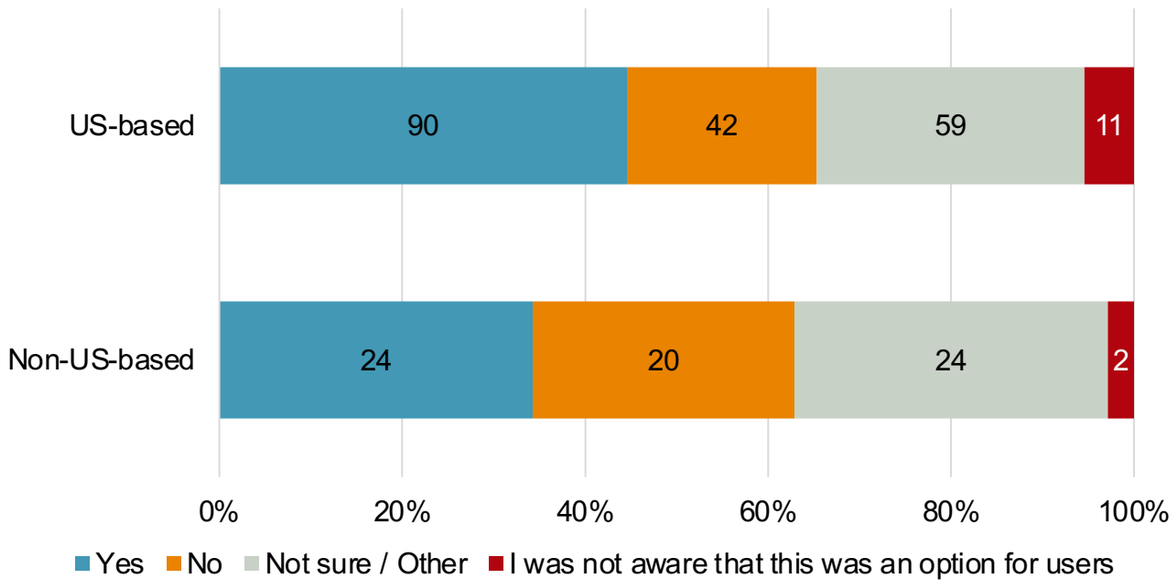

I would be in favor of fully remote experiments being offered at MeV-UED in the future
5
4
18
Remote participation tools (e.g. Zoom, Slack, nomachine) are sufficient to run remote experiments
17
4
6
MeV-UED has sufficient parking available for users
14
3
3
MeV-UED has sufficient availability of food options
3
7
12
MeV-UED has sufficient accessibility of control rooms hutches and bathrooms
14
4
1
MeV-UED has sufficient availability of lactation accommodations
8
1
2
MeV-UED has sufficient kitchen areas available for users
7
3
12
MeV-UED has sufficient rest areas / break facilities for users
11
5
6
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Agree
Neither agree nor disagree
Disagree

Accommodation & Travel

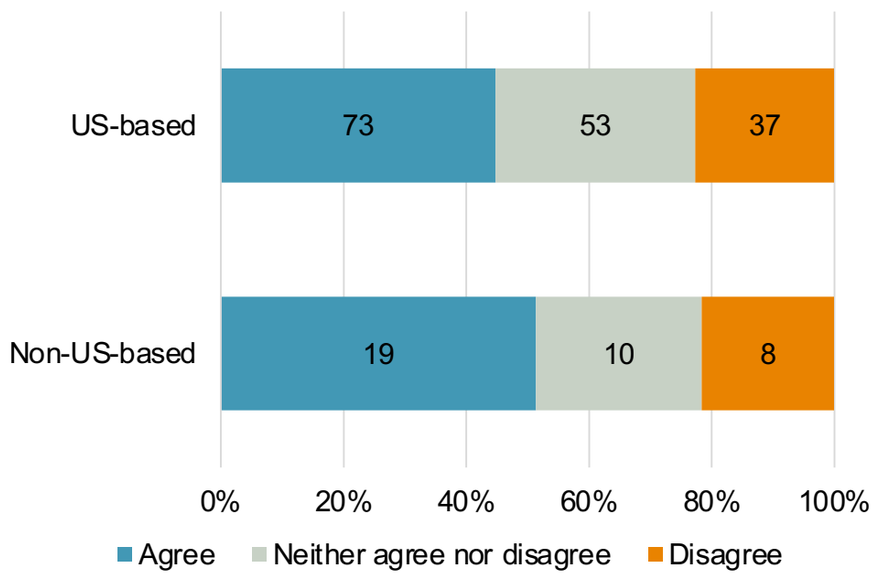
Check all that apply:
How does travel cost impact your user experience?



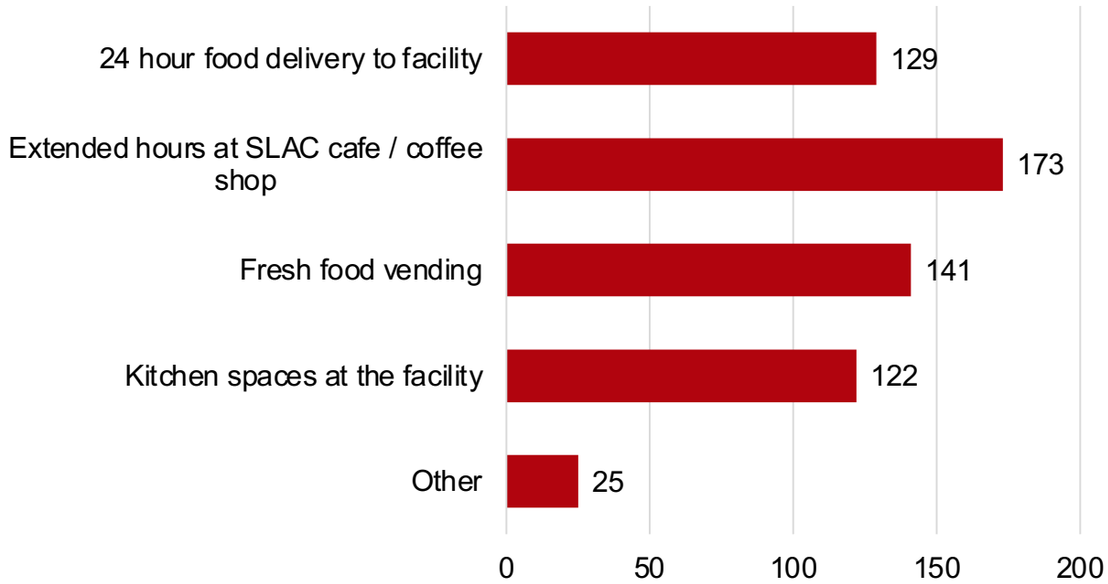
Is the Stanford Guest House at SLAC an affordable lodging option for your user group?



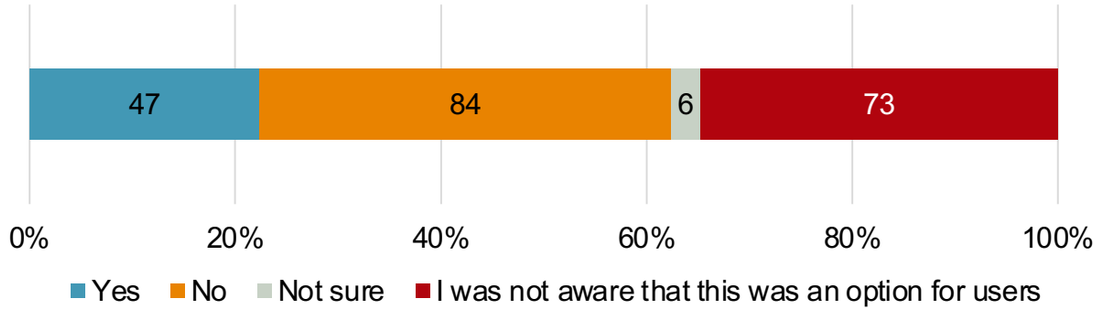
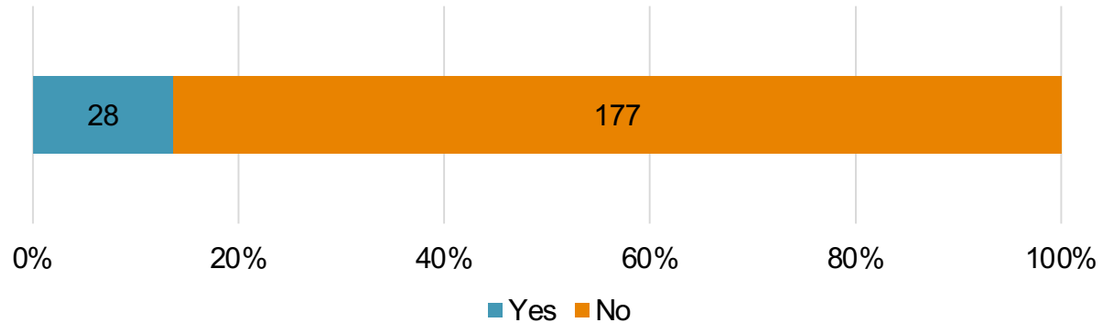
The Stanford Guest House has sufficient parking



Check all that apply: What food options would you like to see at SLAC User Facilities?



While on site at SLAC as a User, have you made use of the ARCAS Recreation Center?



Have you ever felt inhibited in your ability to perform/participate in an experiment because of a lack of food options at SLAC?