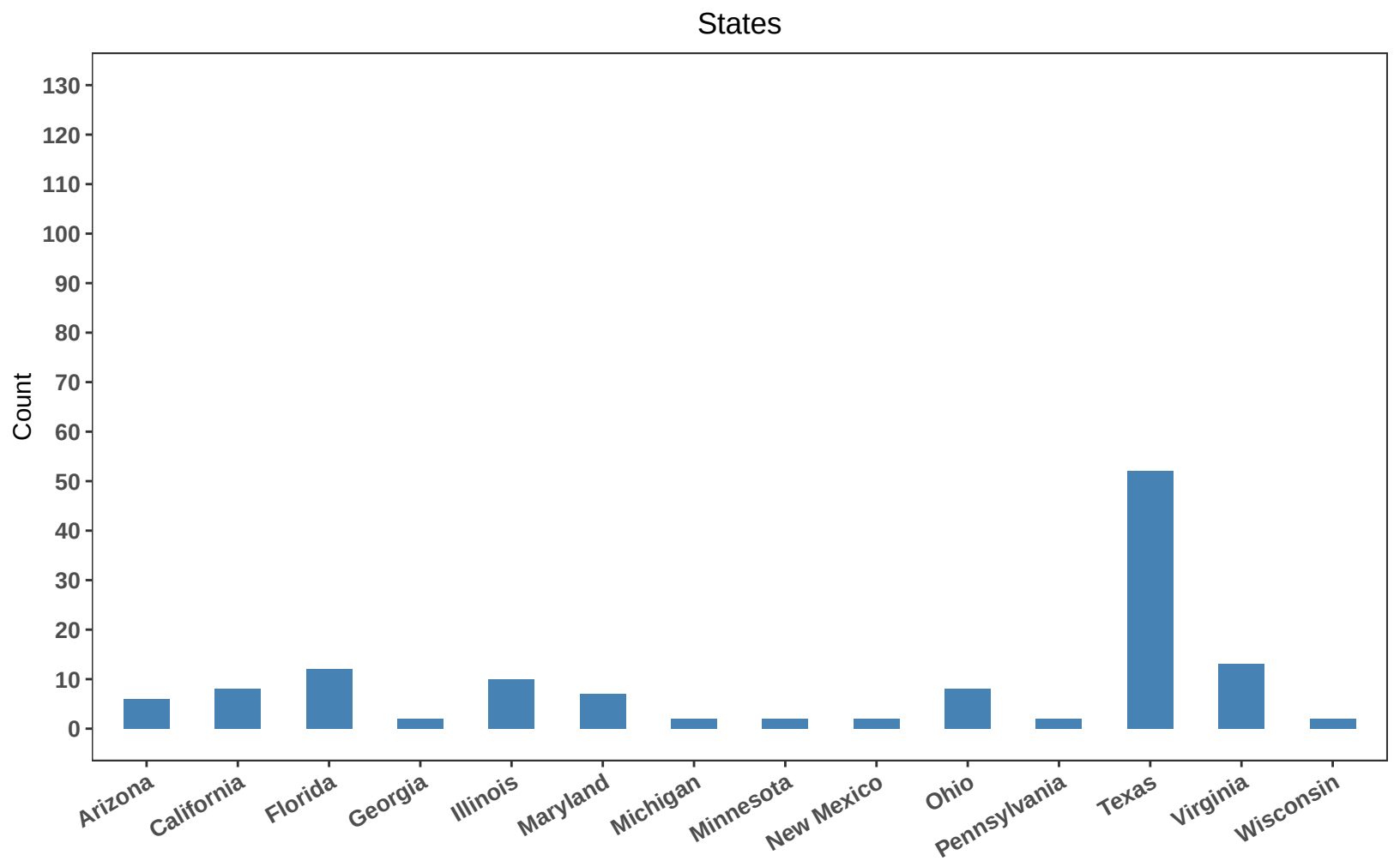
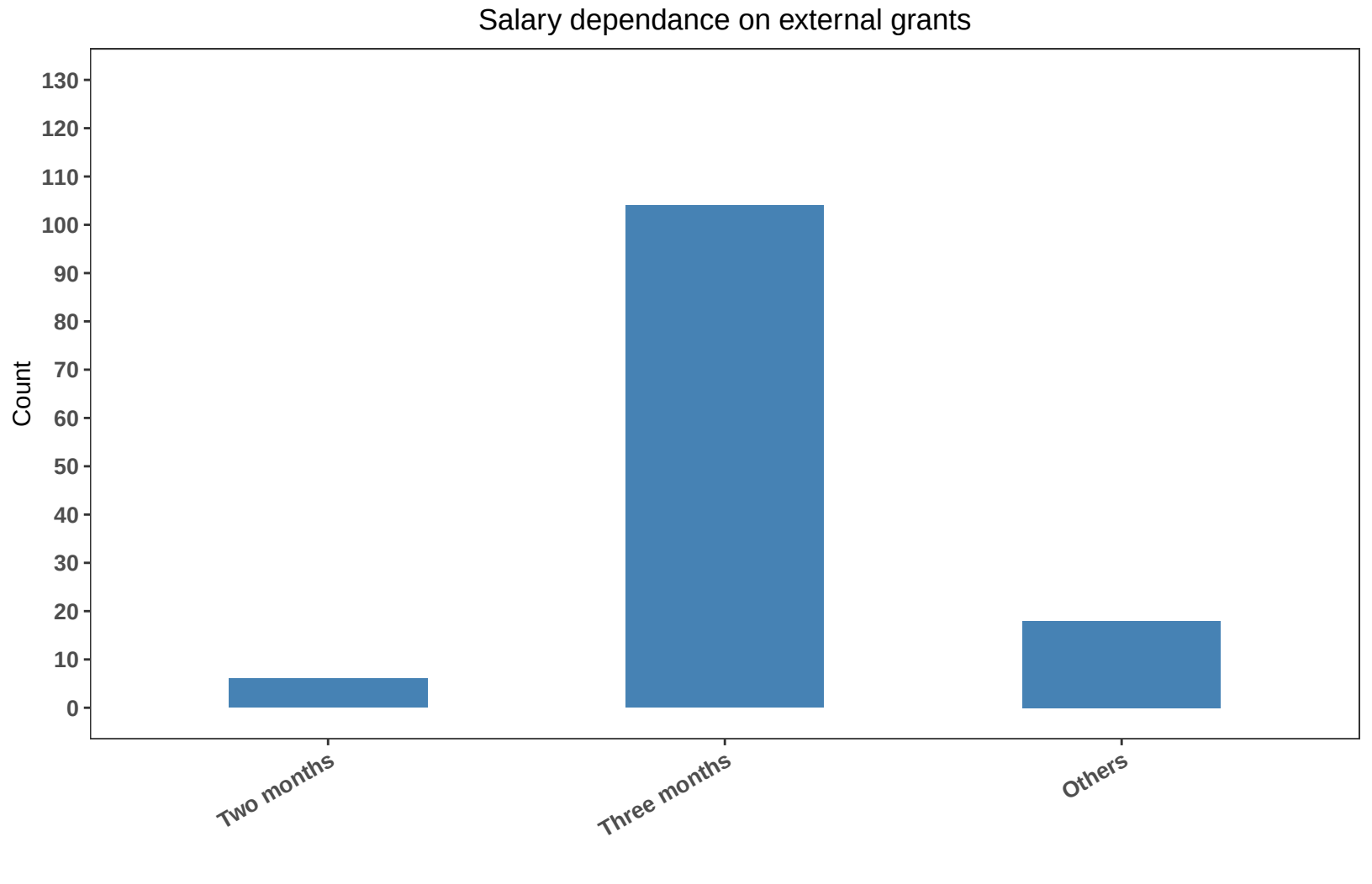
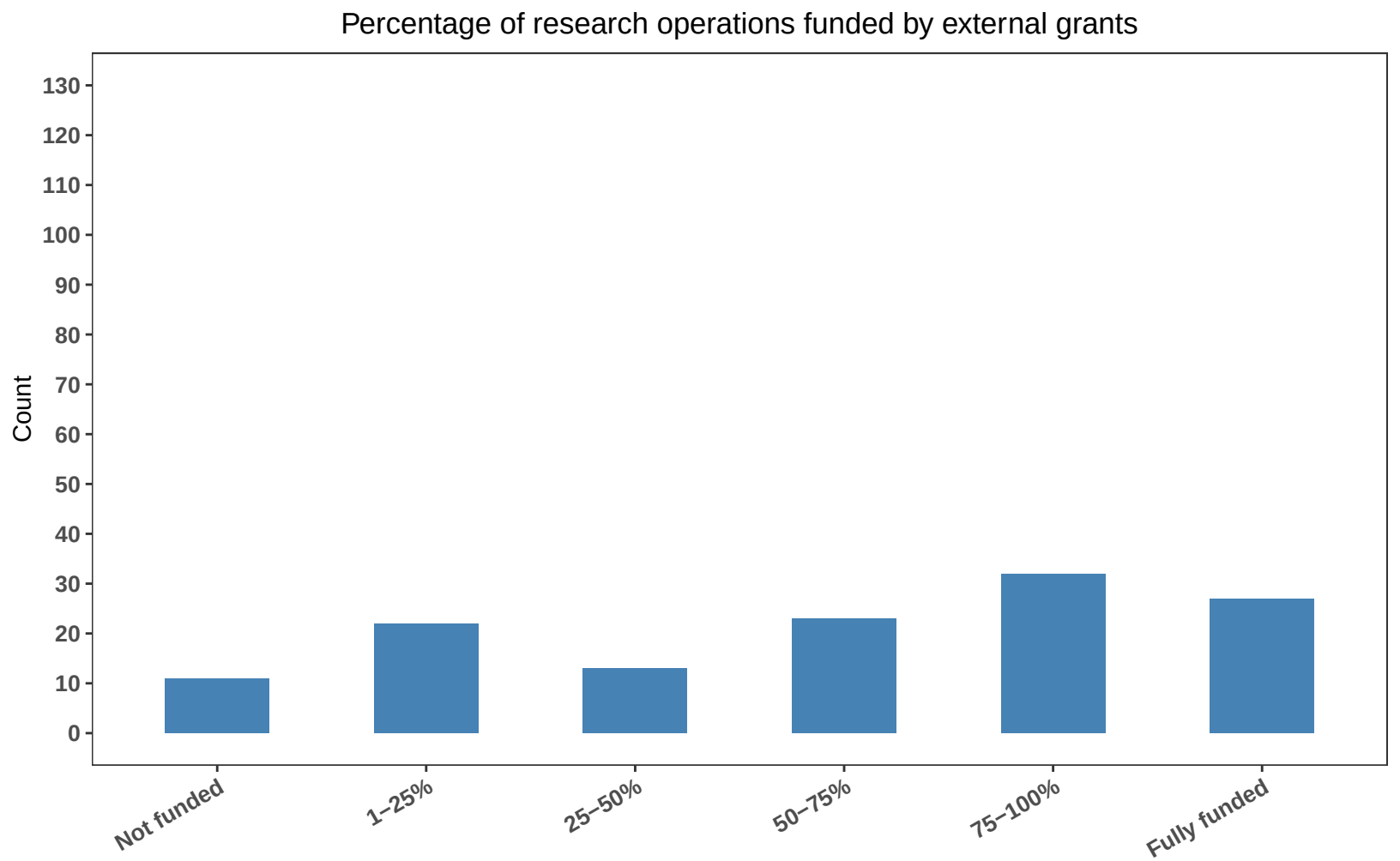
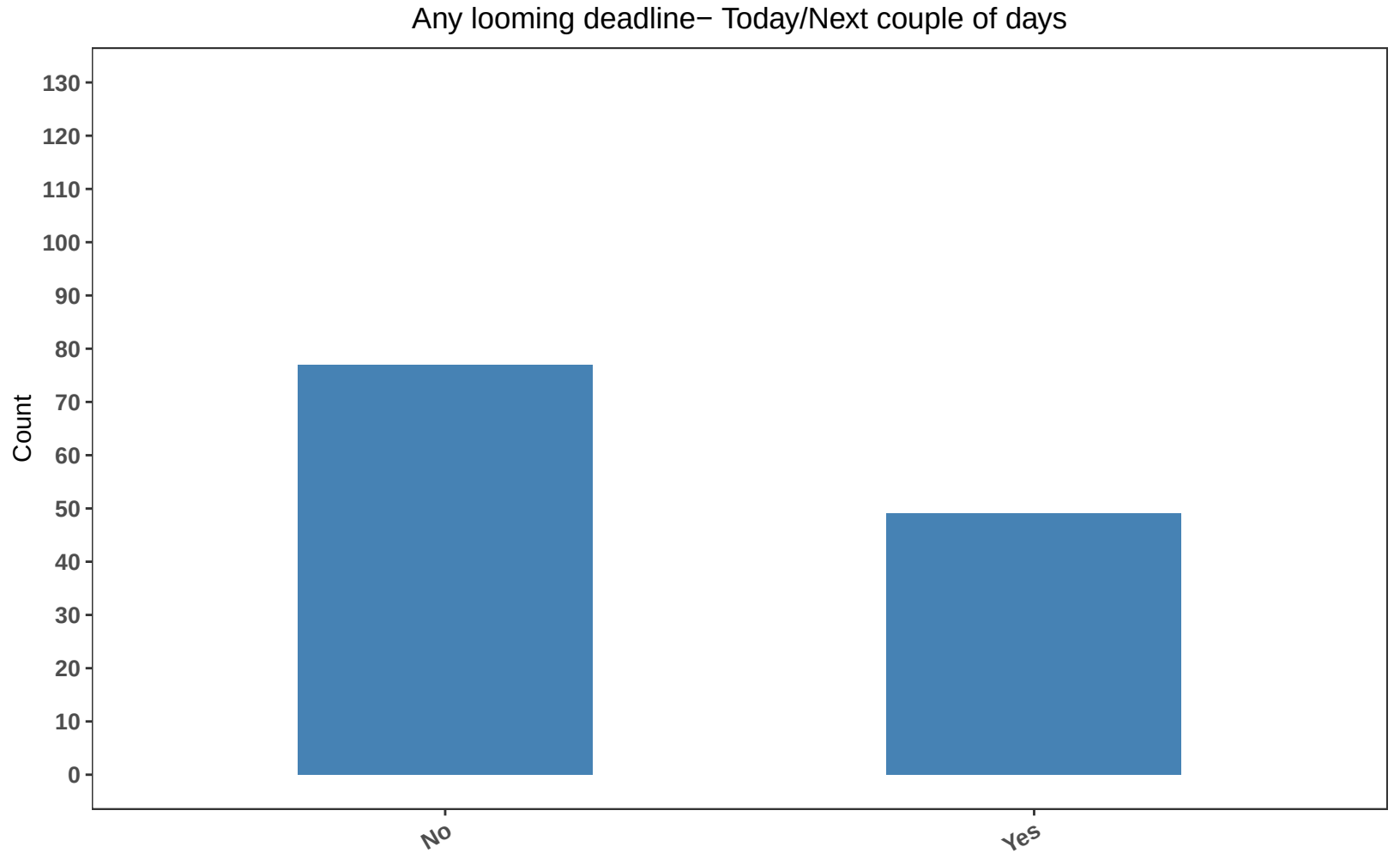
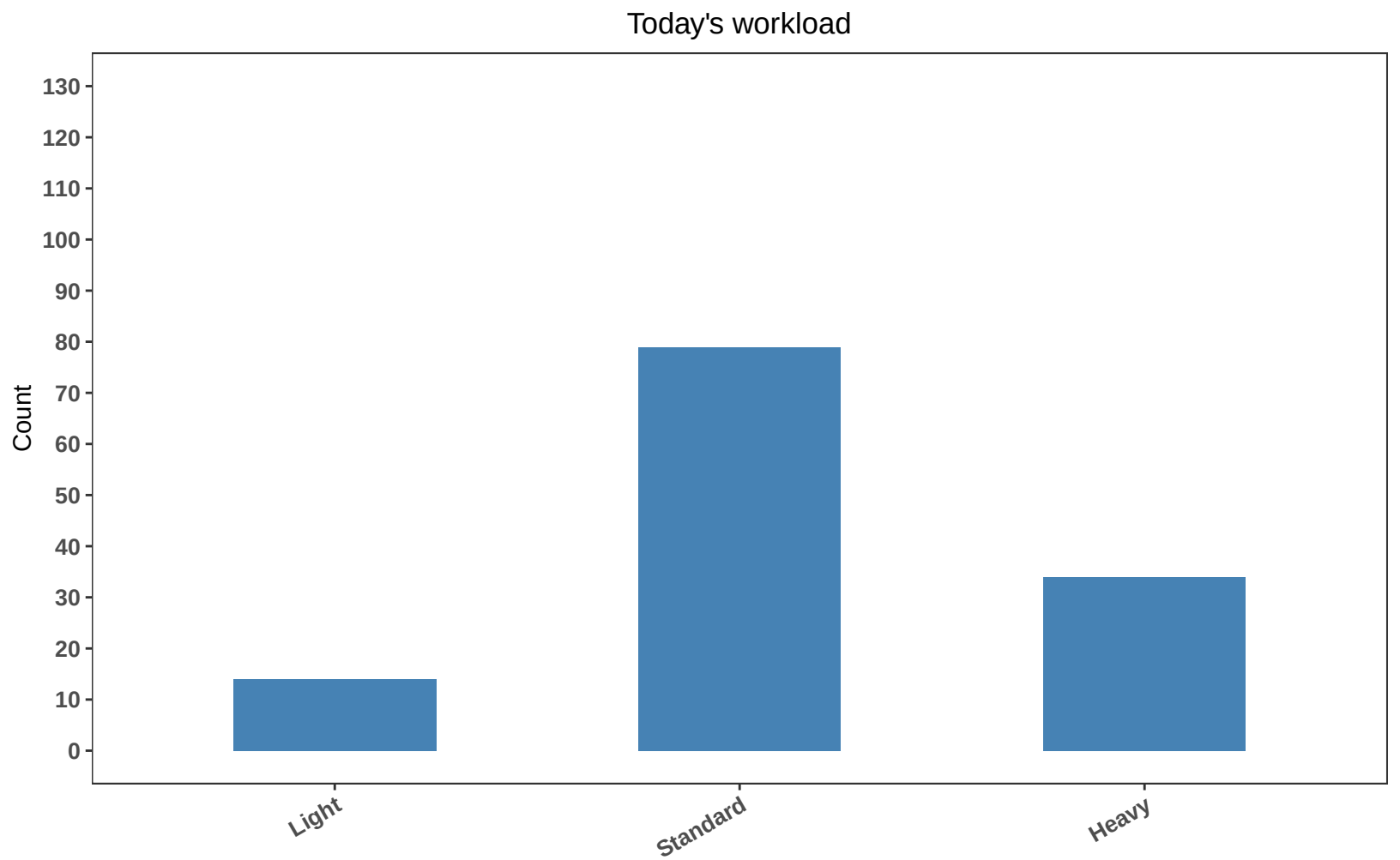
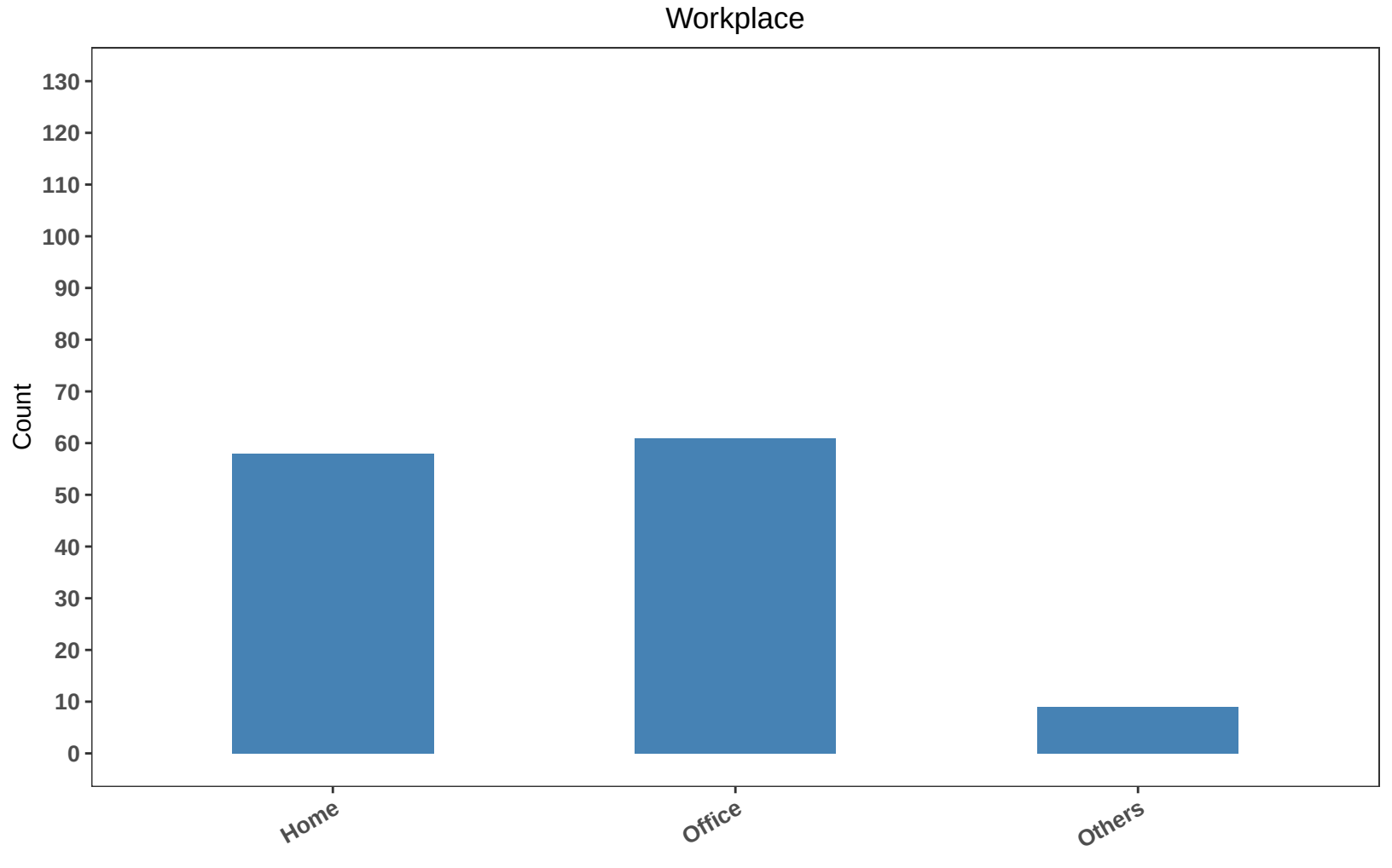

States
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
Arizona
California
Florida
Georgia
Illinois
Maryland
Michigan
Minnesota
New Mexico
Ohio
Pennsylvania
Texas
Virginia
Wisconsin

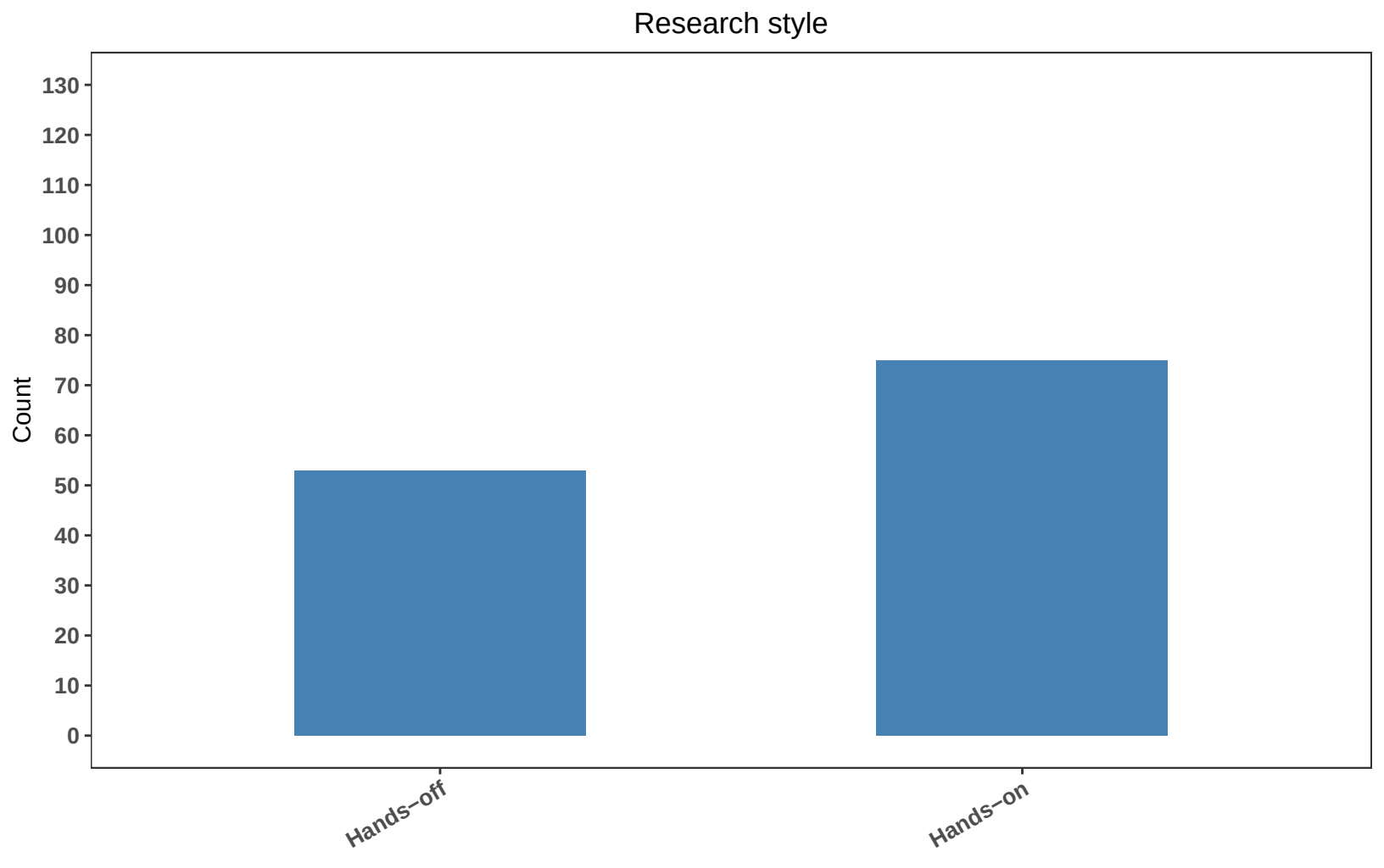

Salary dependance on external grants
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
Two months
Three months
Others

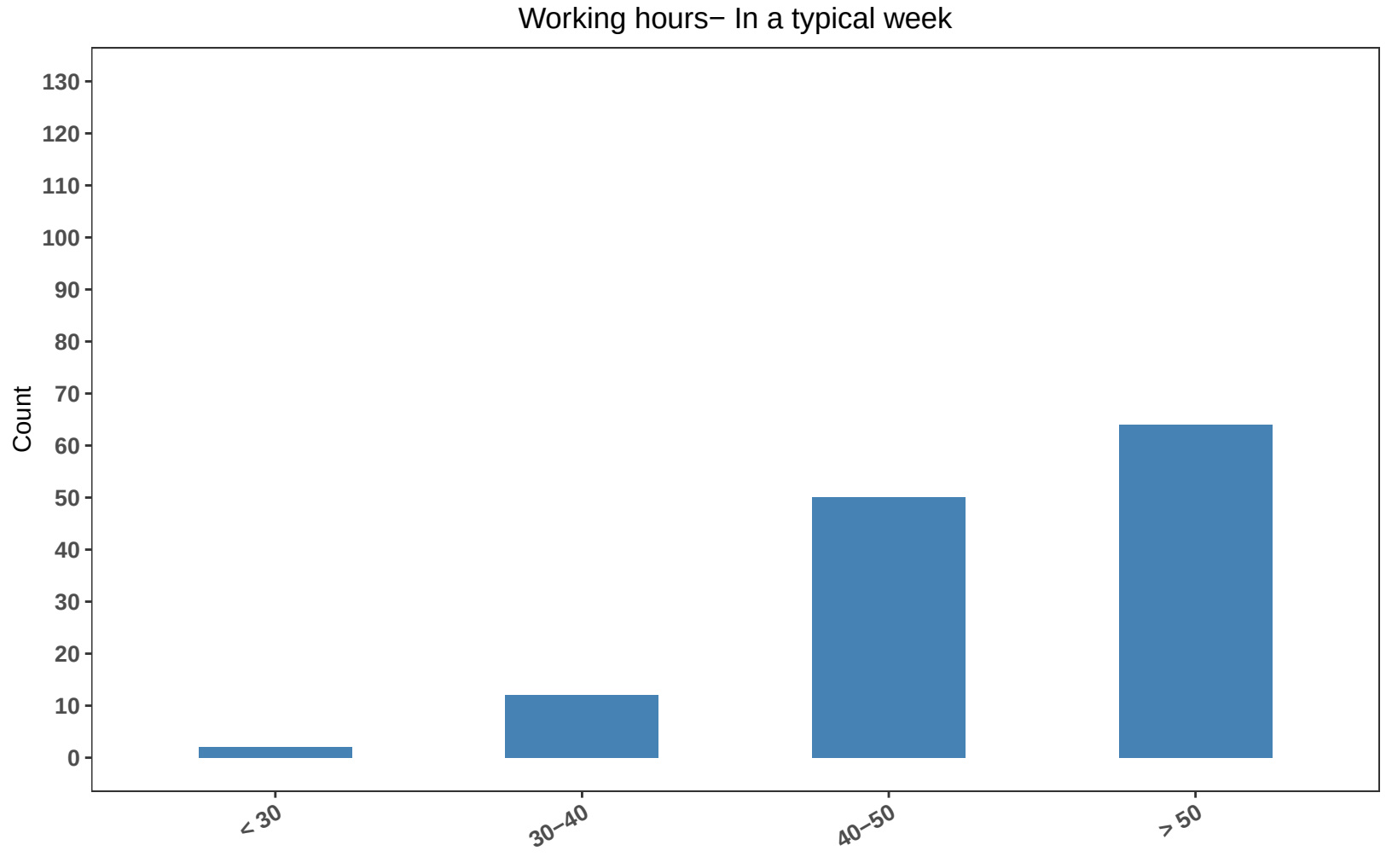

Percentage of research operations funded by external grants
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
Not funded
1–25%
25–50%
50–75%
75–100%
Fully funded

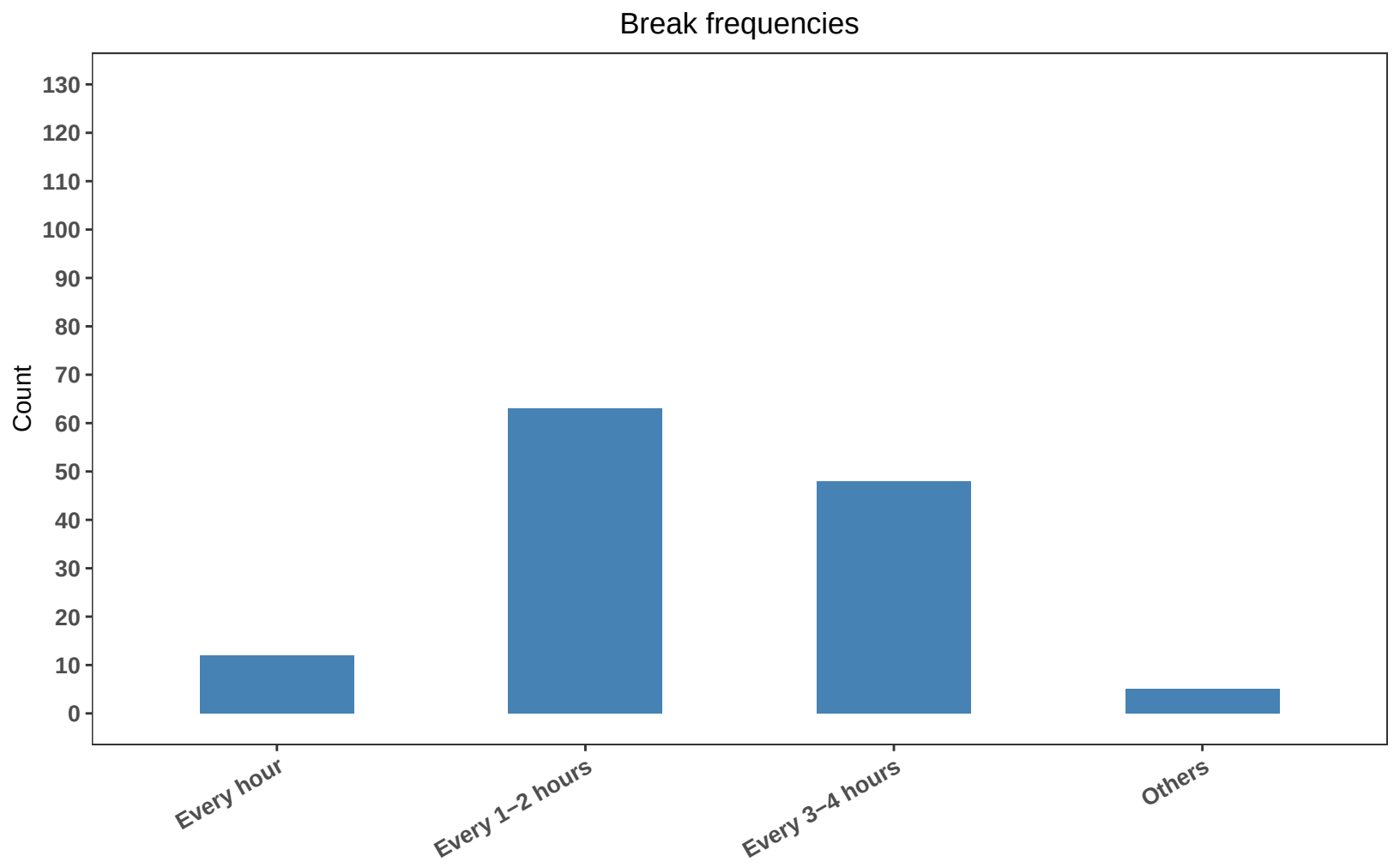

Any looming deadline− Today/Next couple of days
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
No
Yes

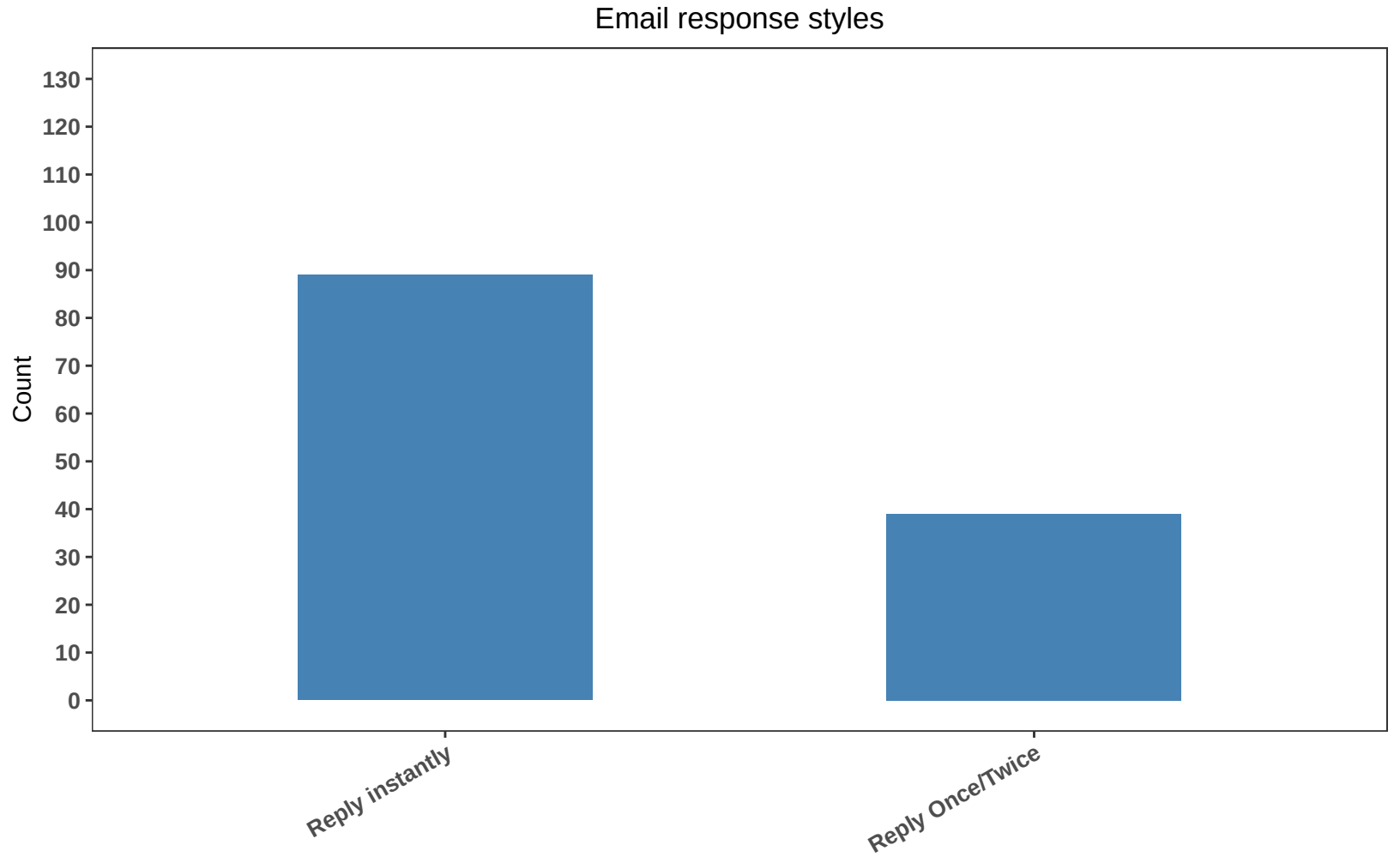

Today's workload
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
Light
Standard
Heavy


Workplace
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
Home
Office
Others

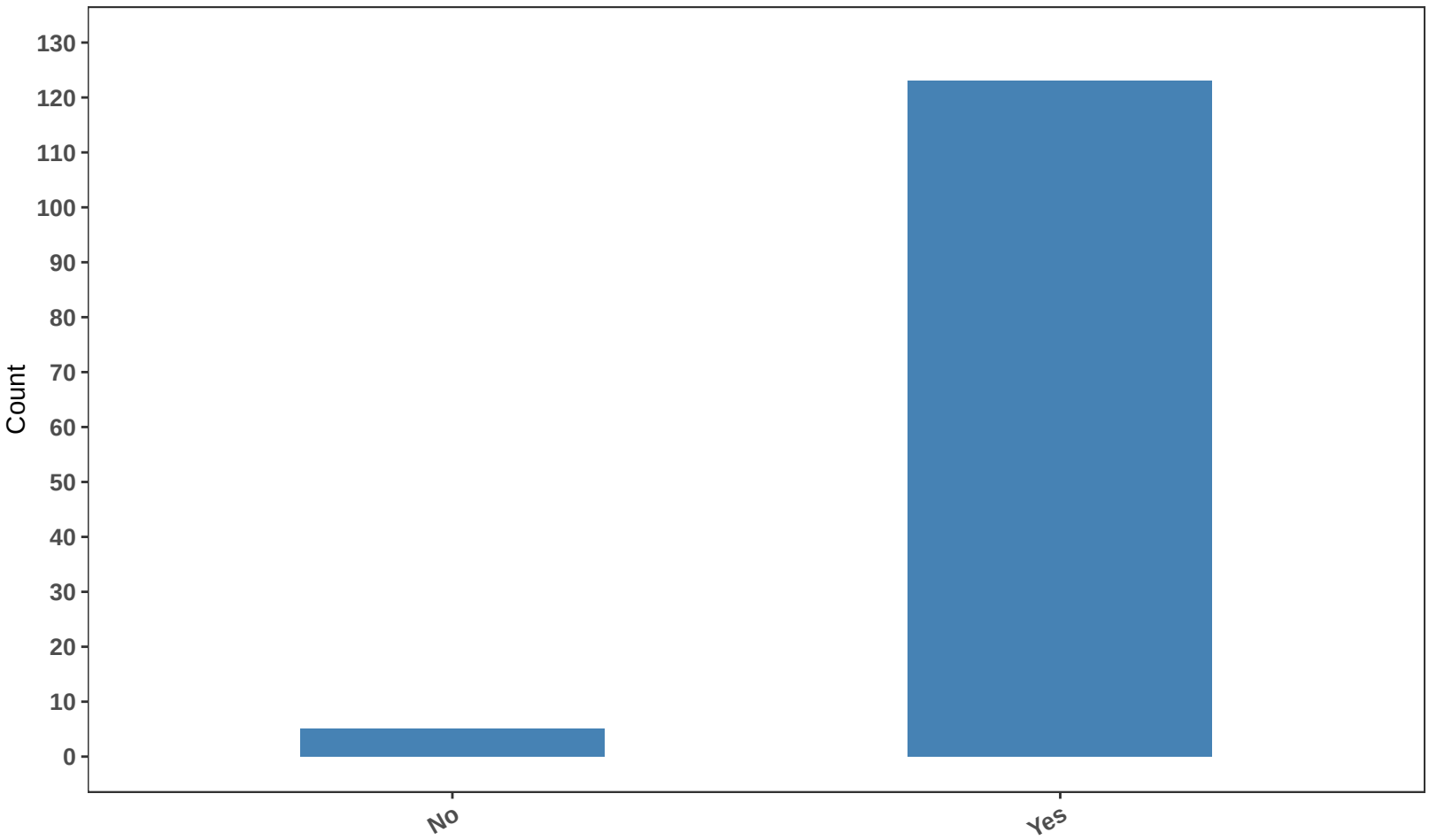

Research style
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
Hands−off
Hands−on


Working hours− In a typical week
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
< 30
30−40
40−50
> 50

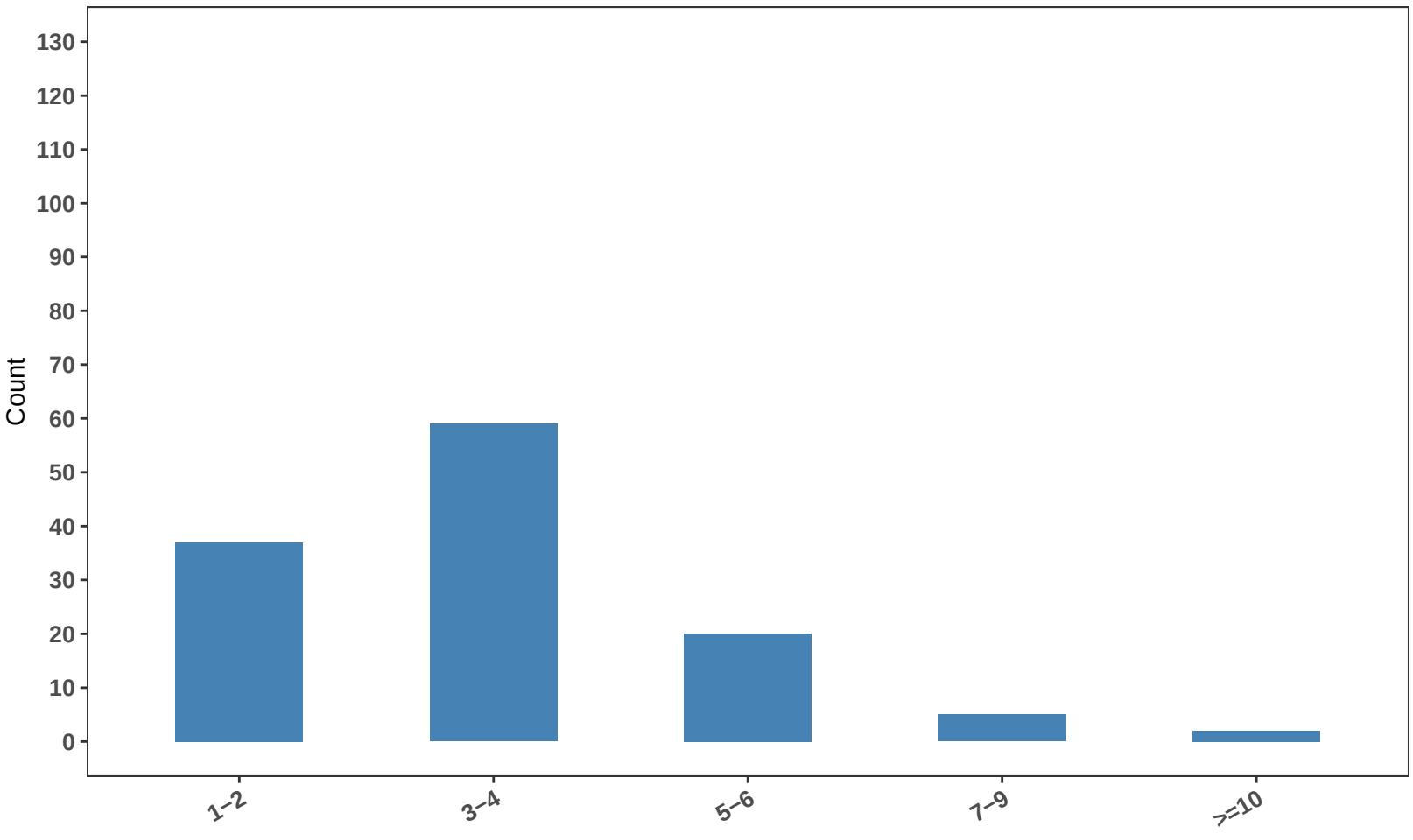

Break frequencies
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
Every hour
Every 1–2 hours
Every 3–4 hours
Others

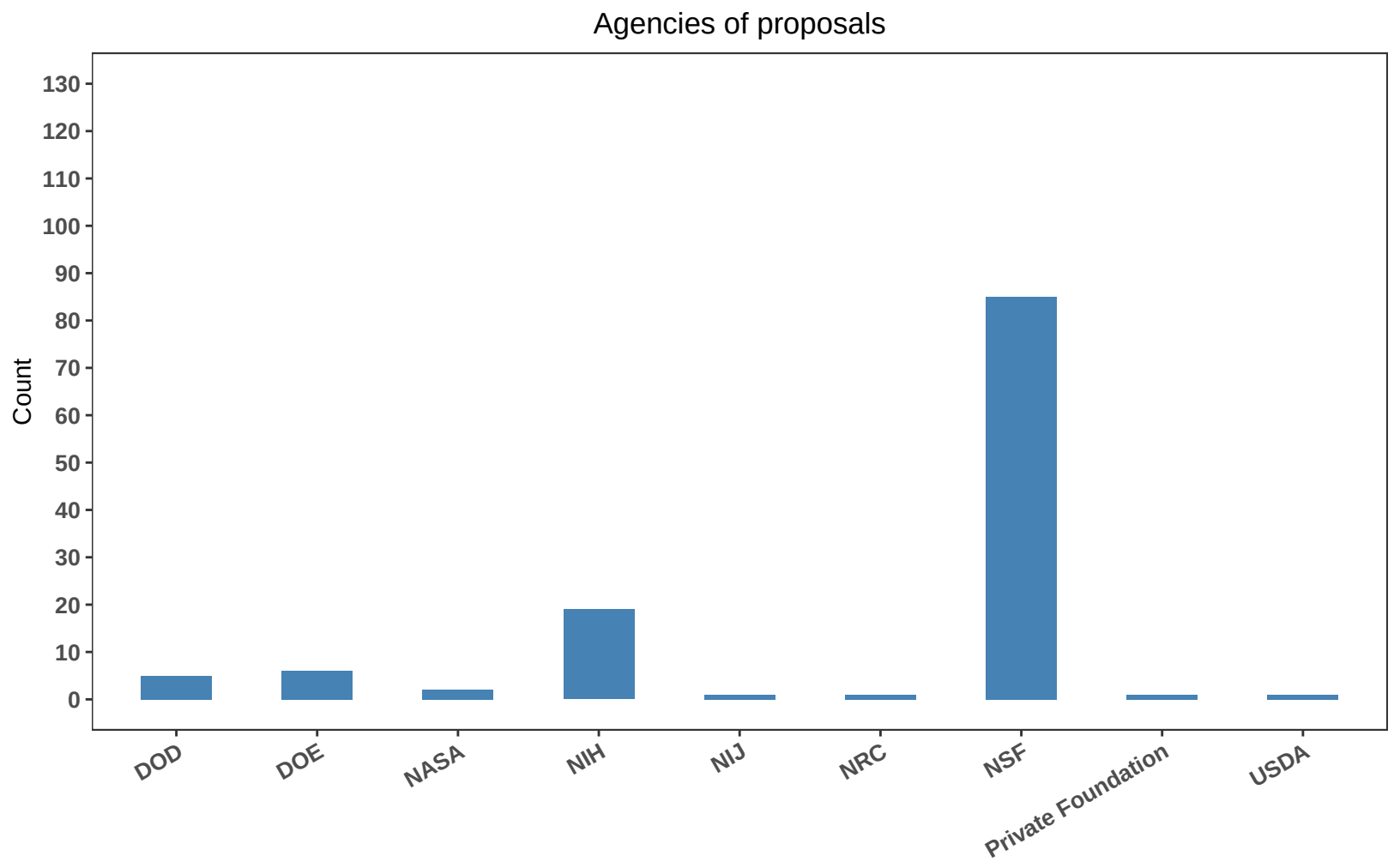

Email response styles
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
Reply instantly
Reply Once/Twice

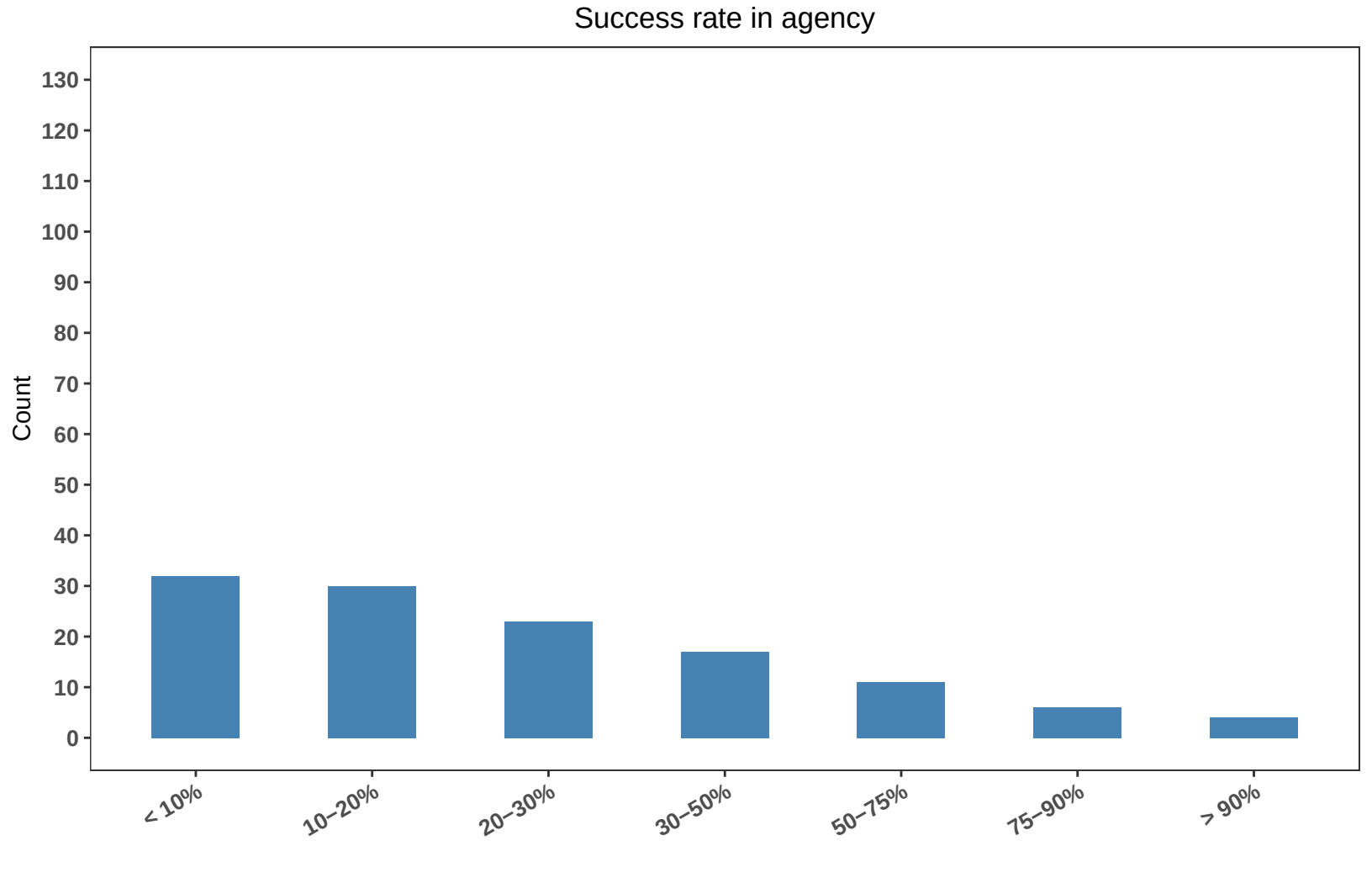
People submitting funding proposals

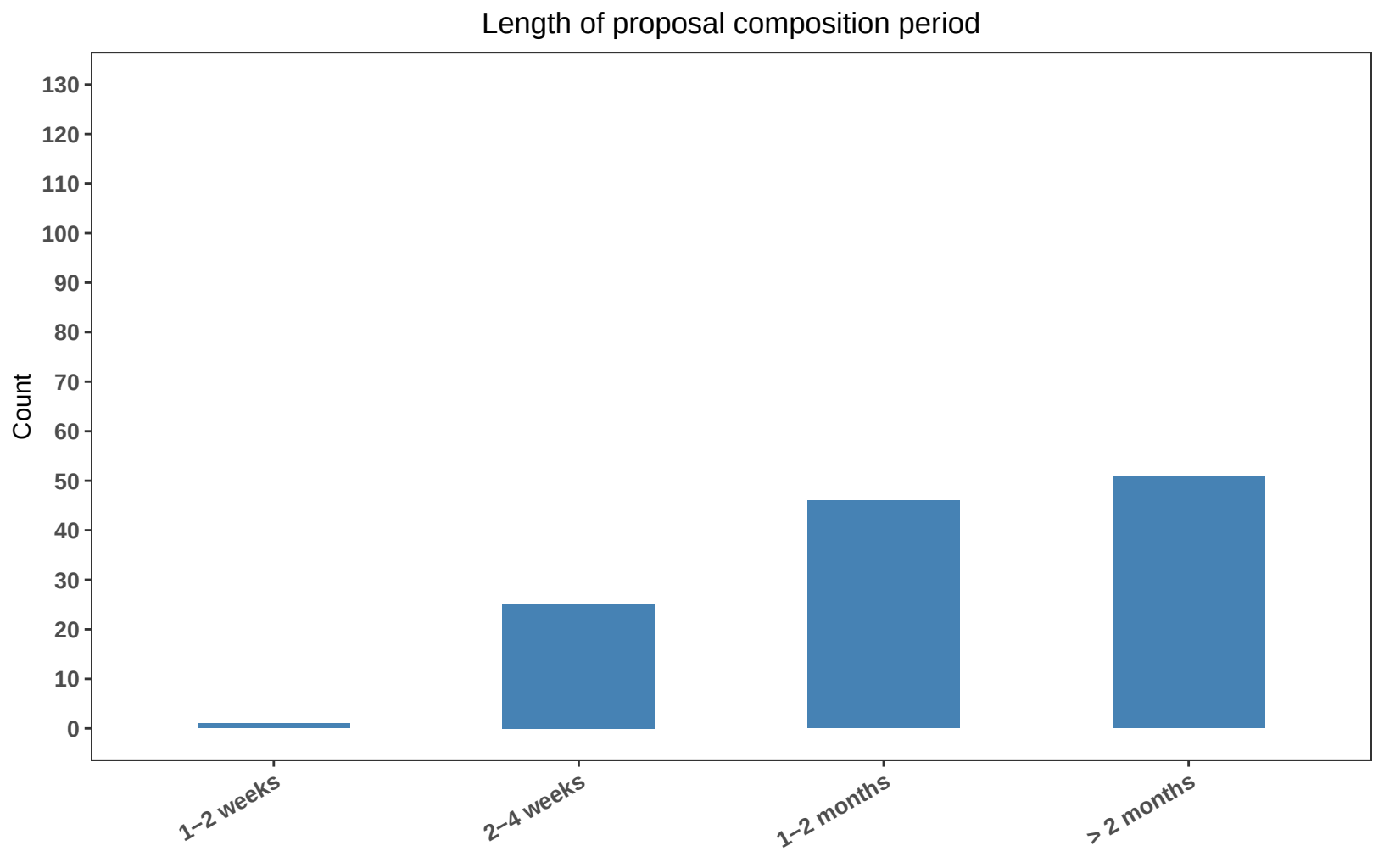


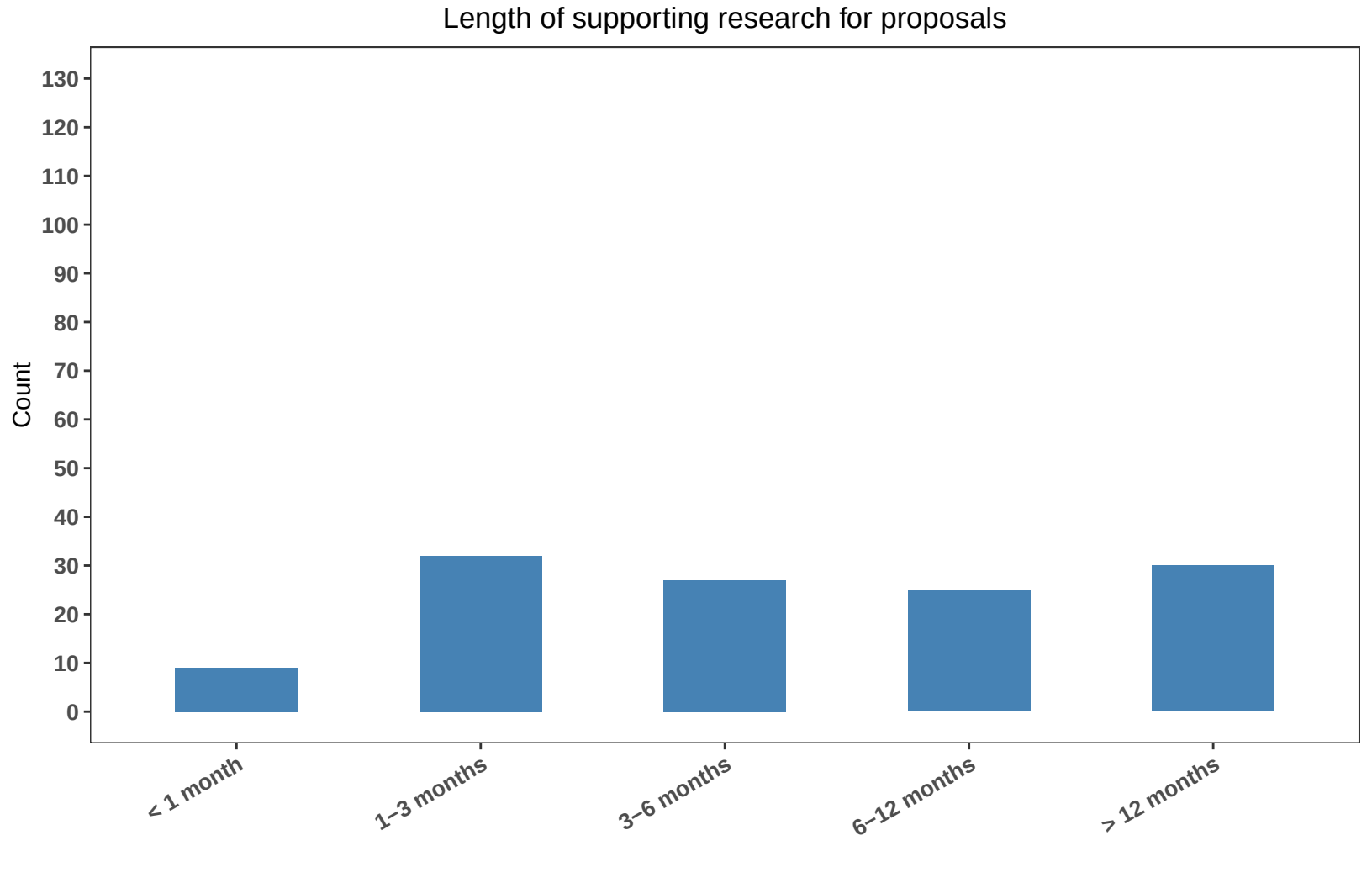
Average number of proposals per year

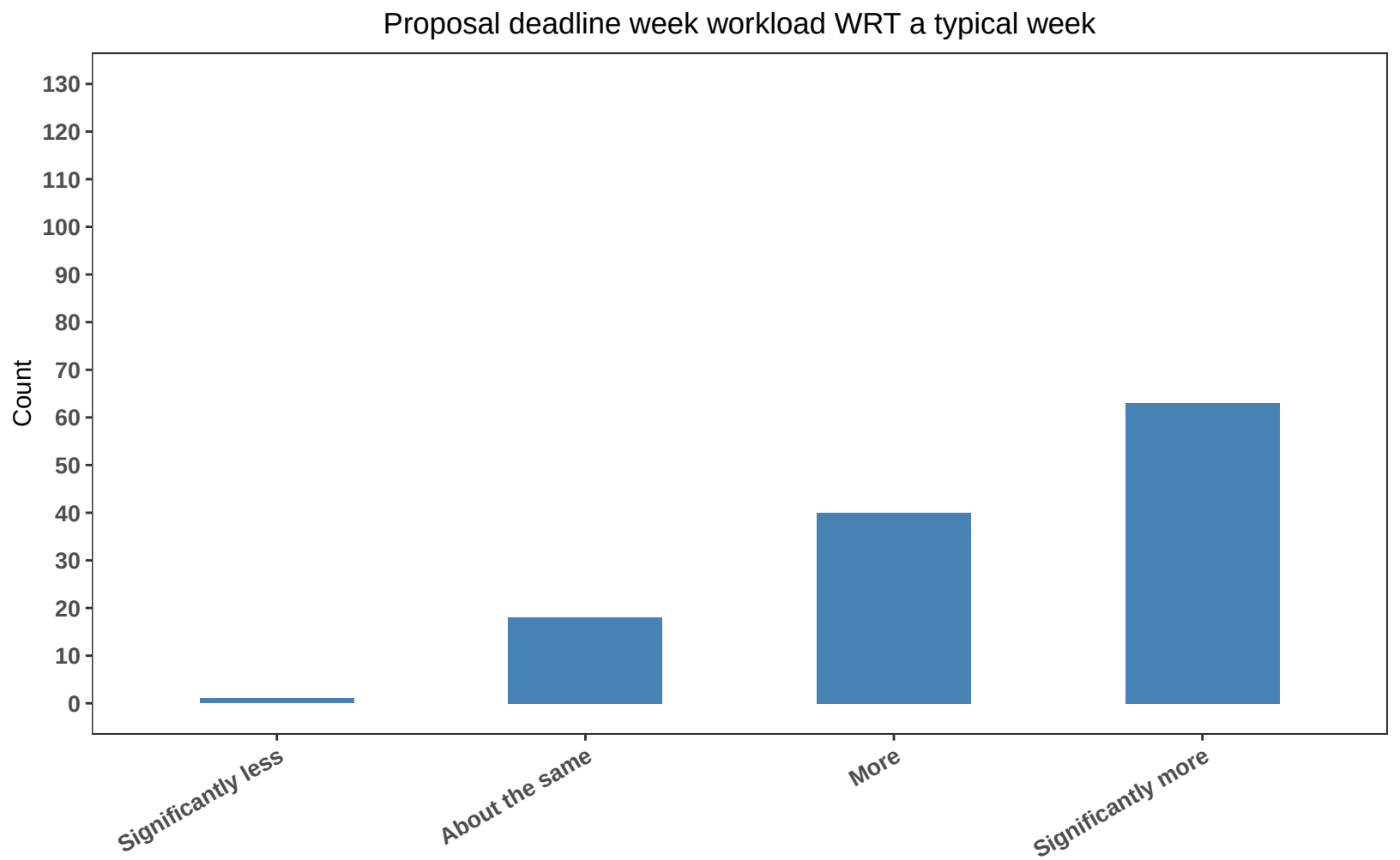


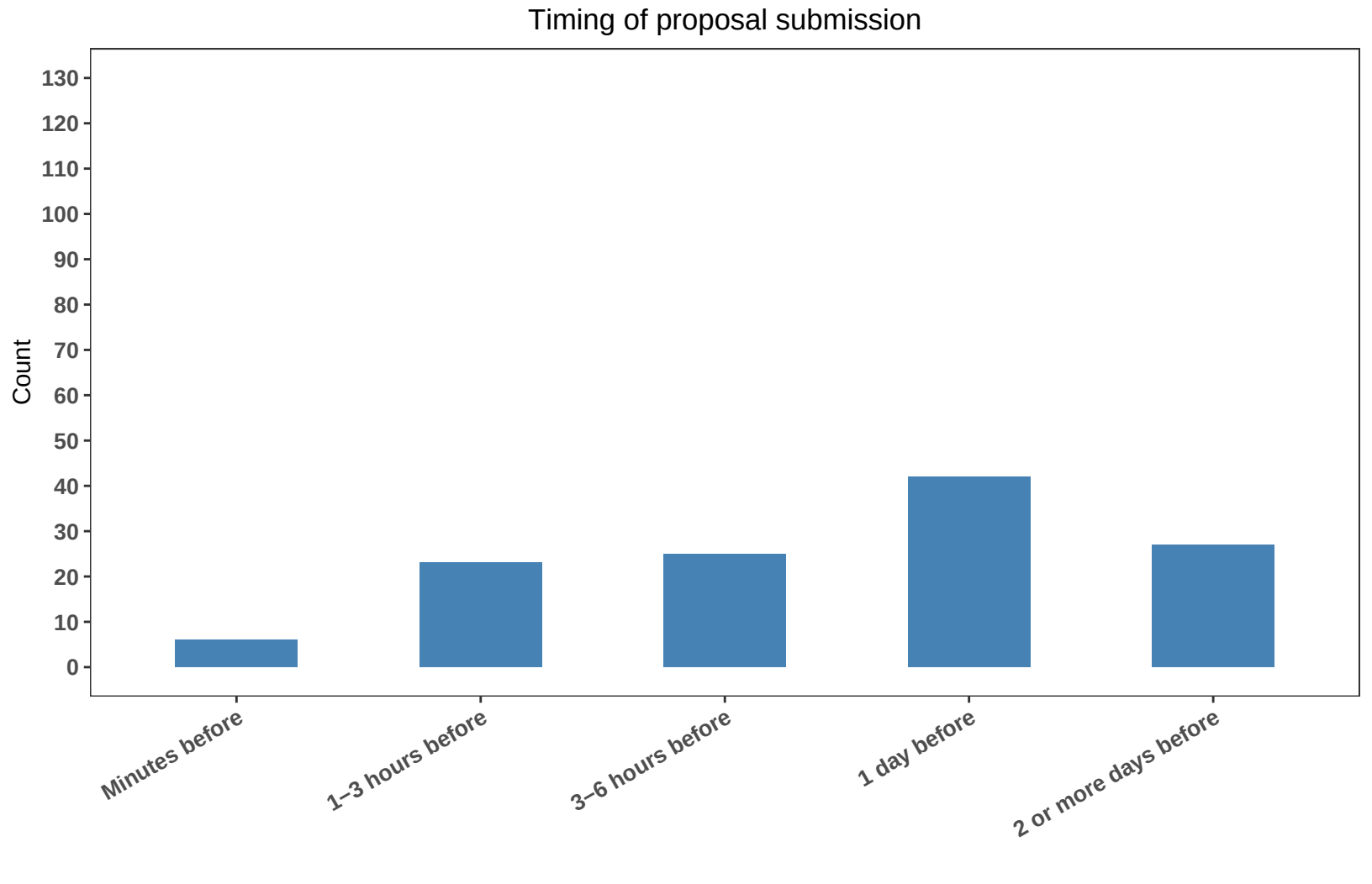

Agencies of proposals
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
DOD
DOE
NASA
NIH
NIJ
NRC
NSF
Private Foundation
USDA

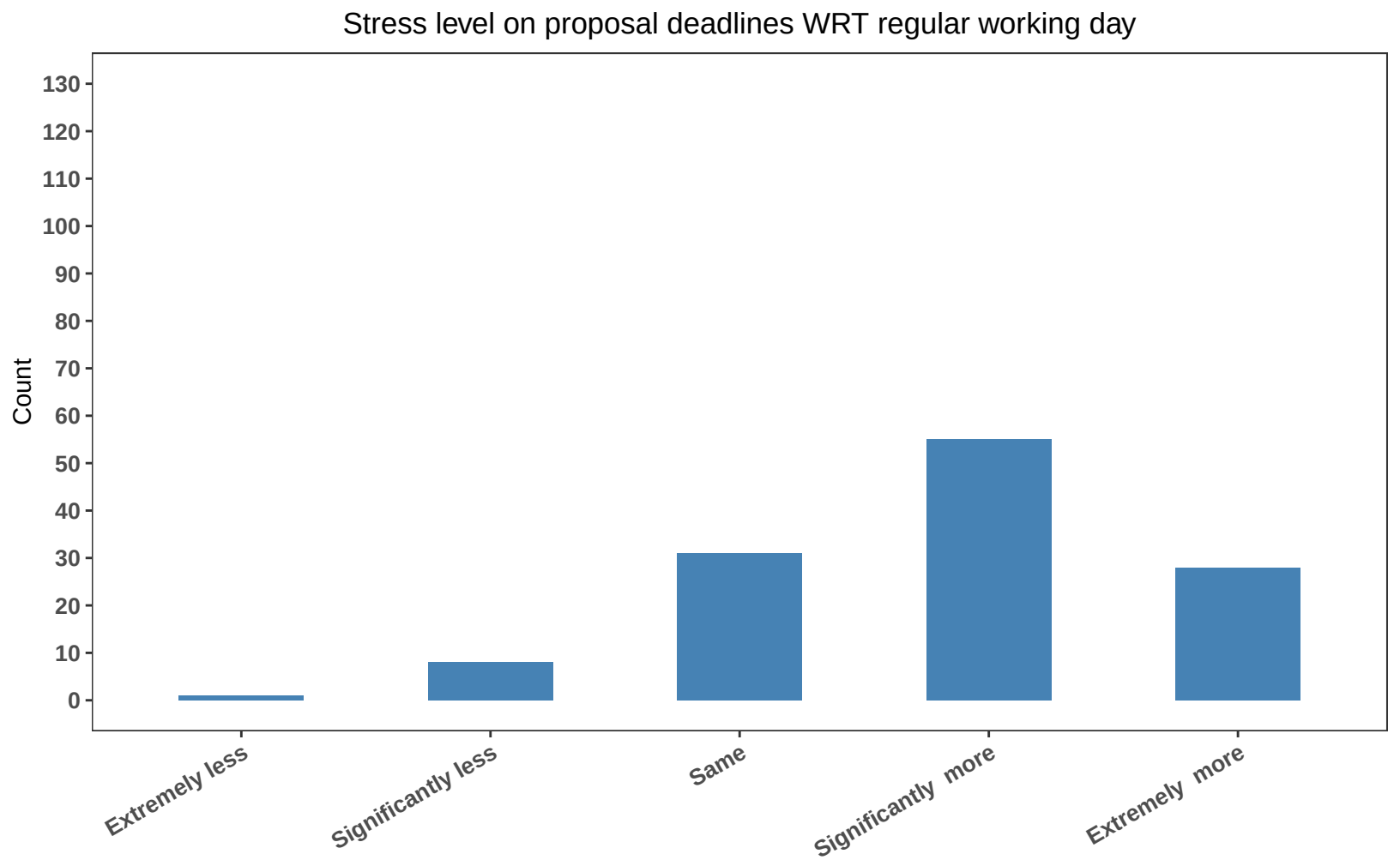

Success rate in agency
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
< 10%
10–20%
20–30%
30–50%
50–75%
75–90%
> 90%

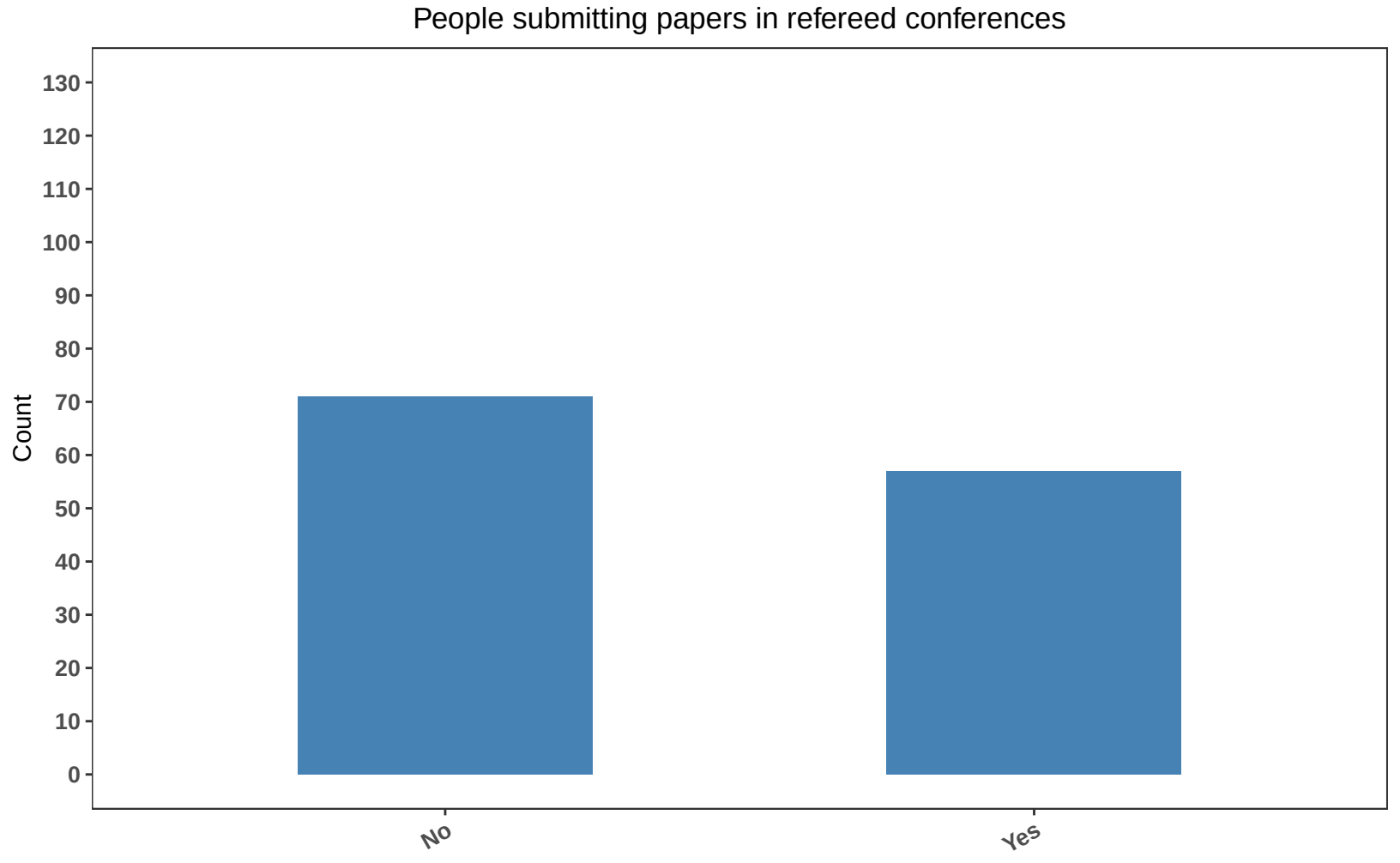

Length of proposal composition period
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
1–2 weeks
2–4 weeks
1–2 months
> 2 months

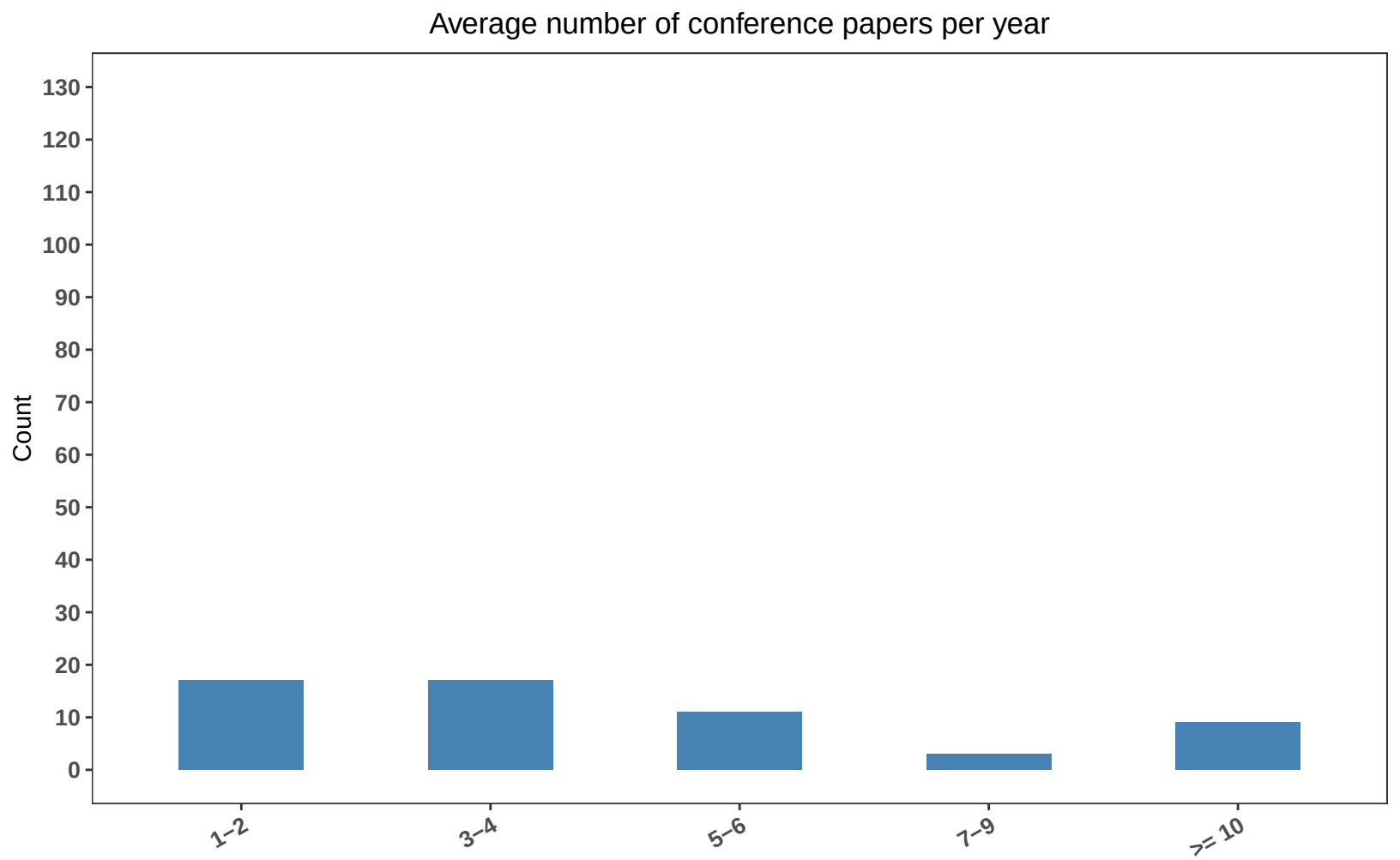

Length of supporting research for proposals
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
< 1 month
1–3 months
3–6 months
6–12 months
> 12 months

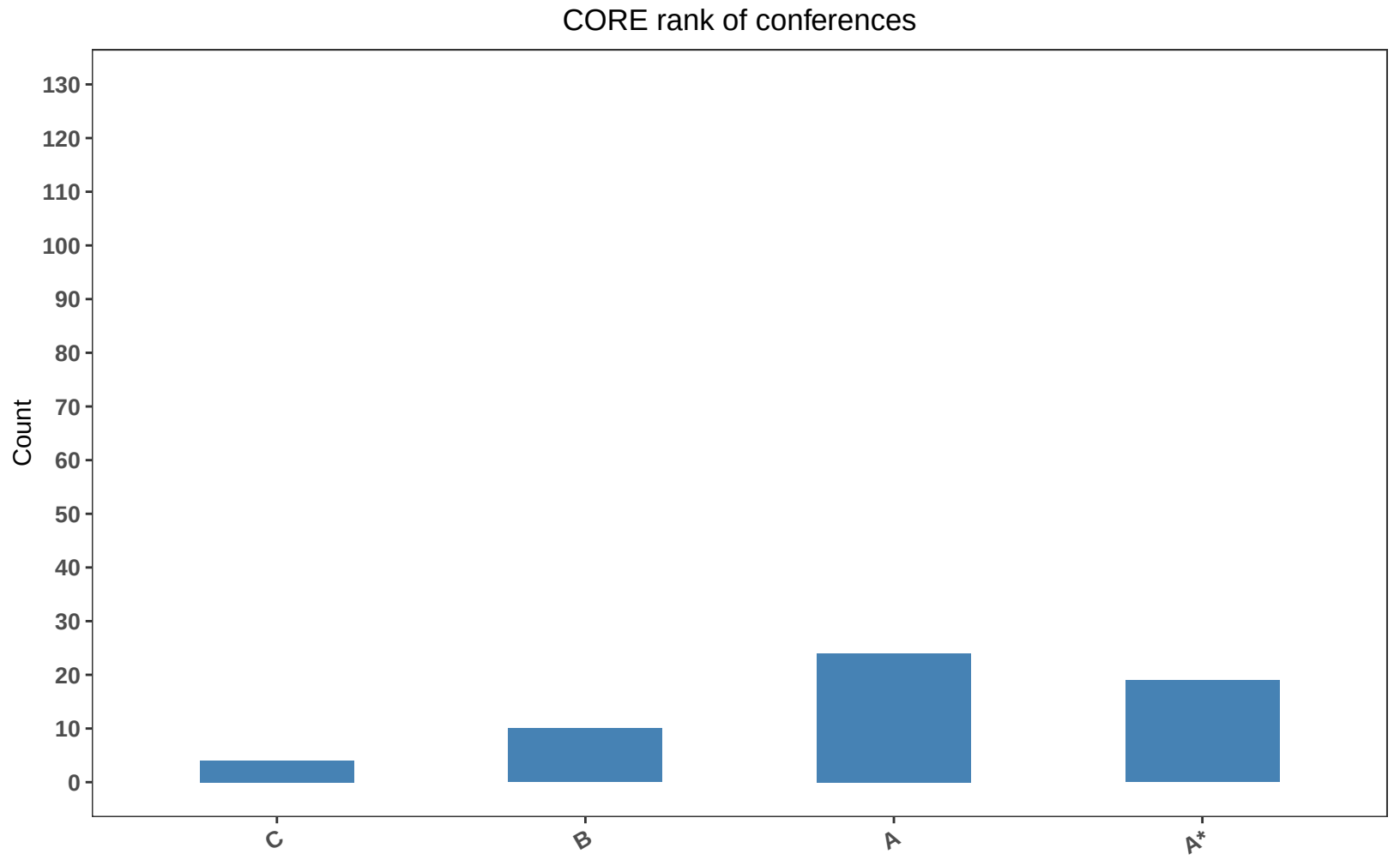

Proposal deadline week workload WRT a typical week
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
Significantly less
About the same
More
Significantly more

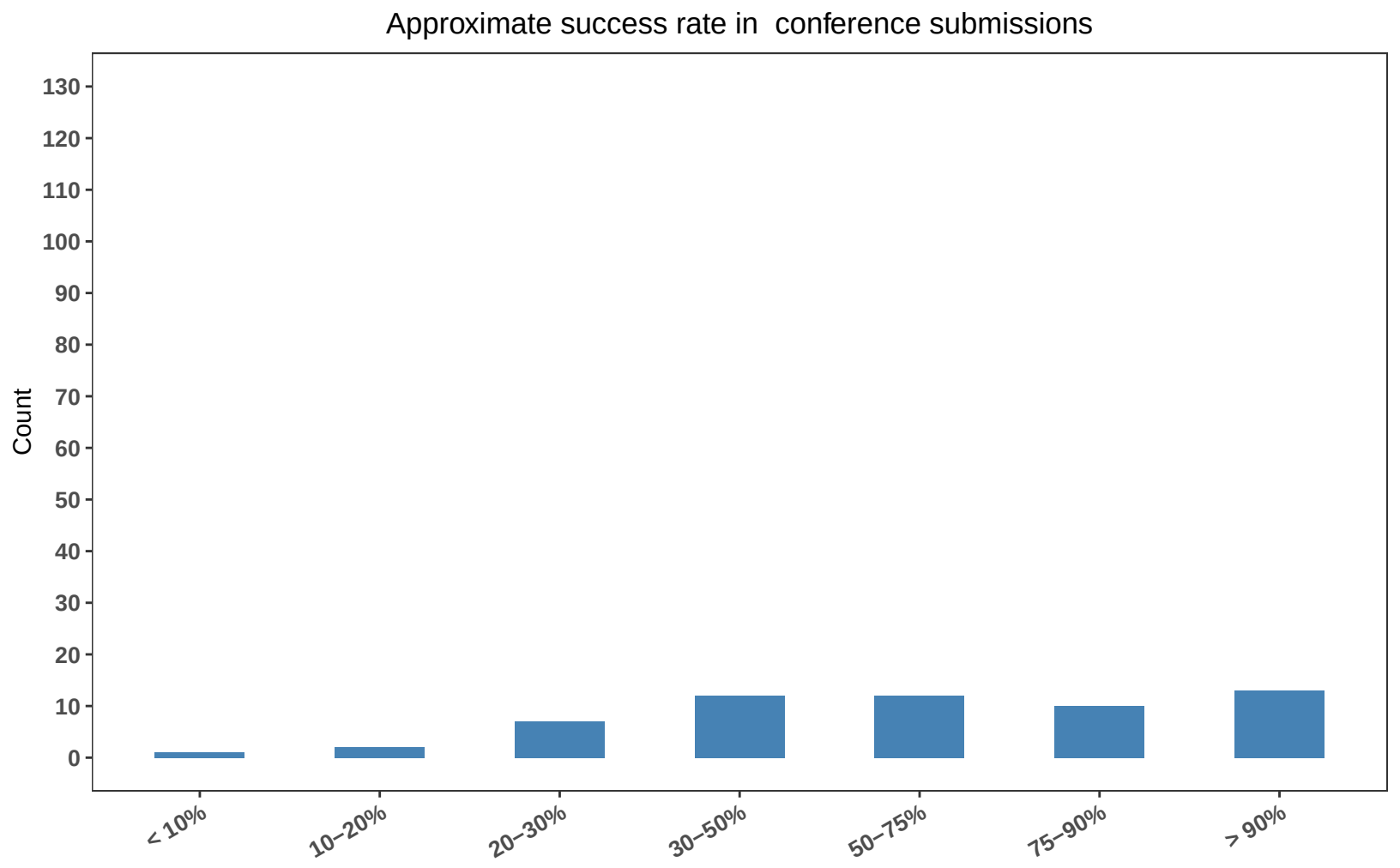

Timing of proposal submission
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
Minutes before
1–3 hours before
3–6 hours before
1 day before
2 or more days before

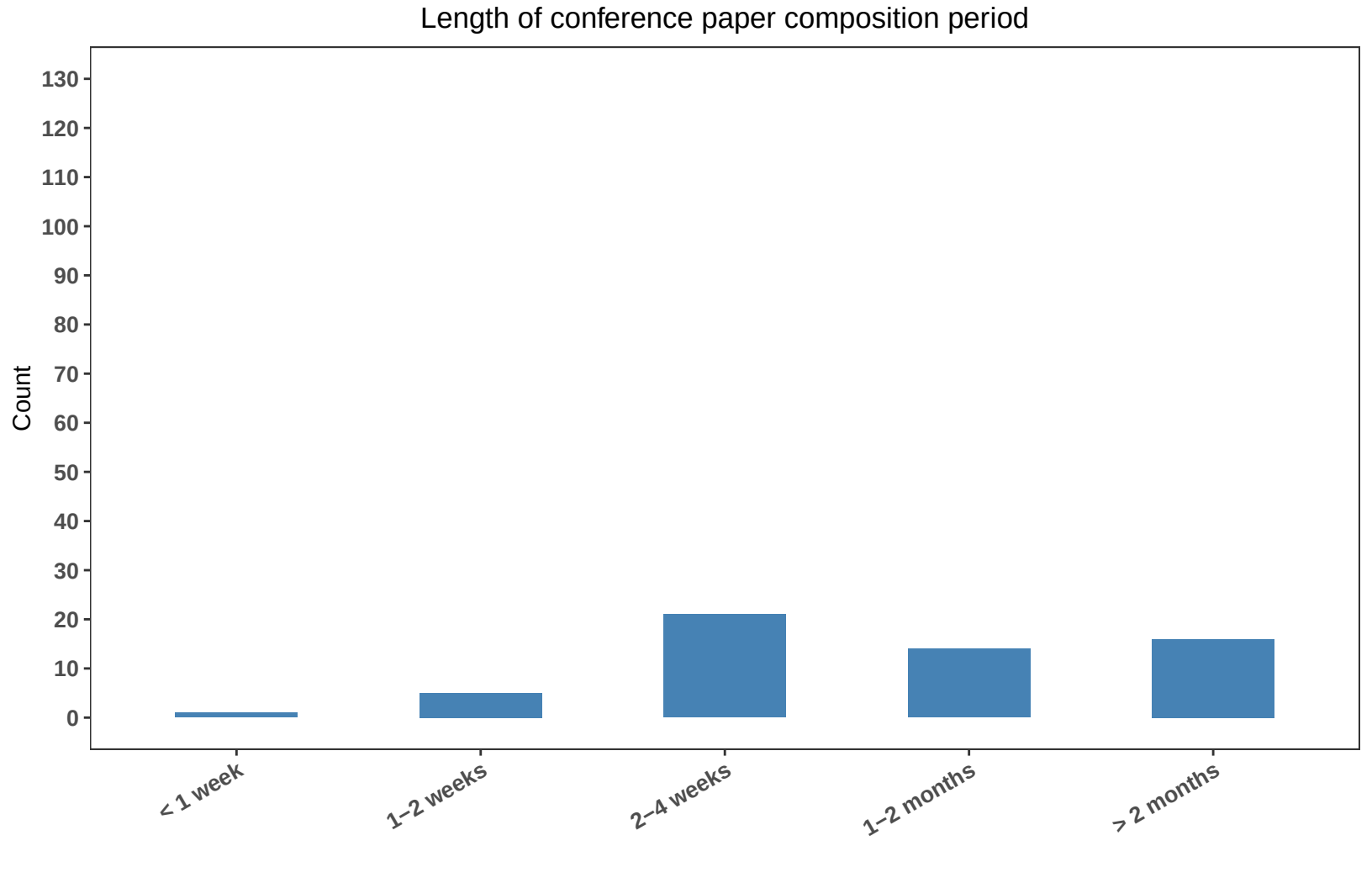

Stress level on proposal deadlines WRT regular working day
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
Extremely less
Significantly less
Same
Significantly more
Extremely more

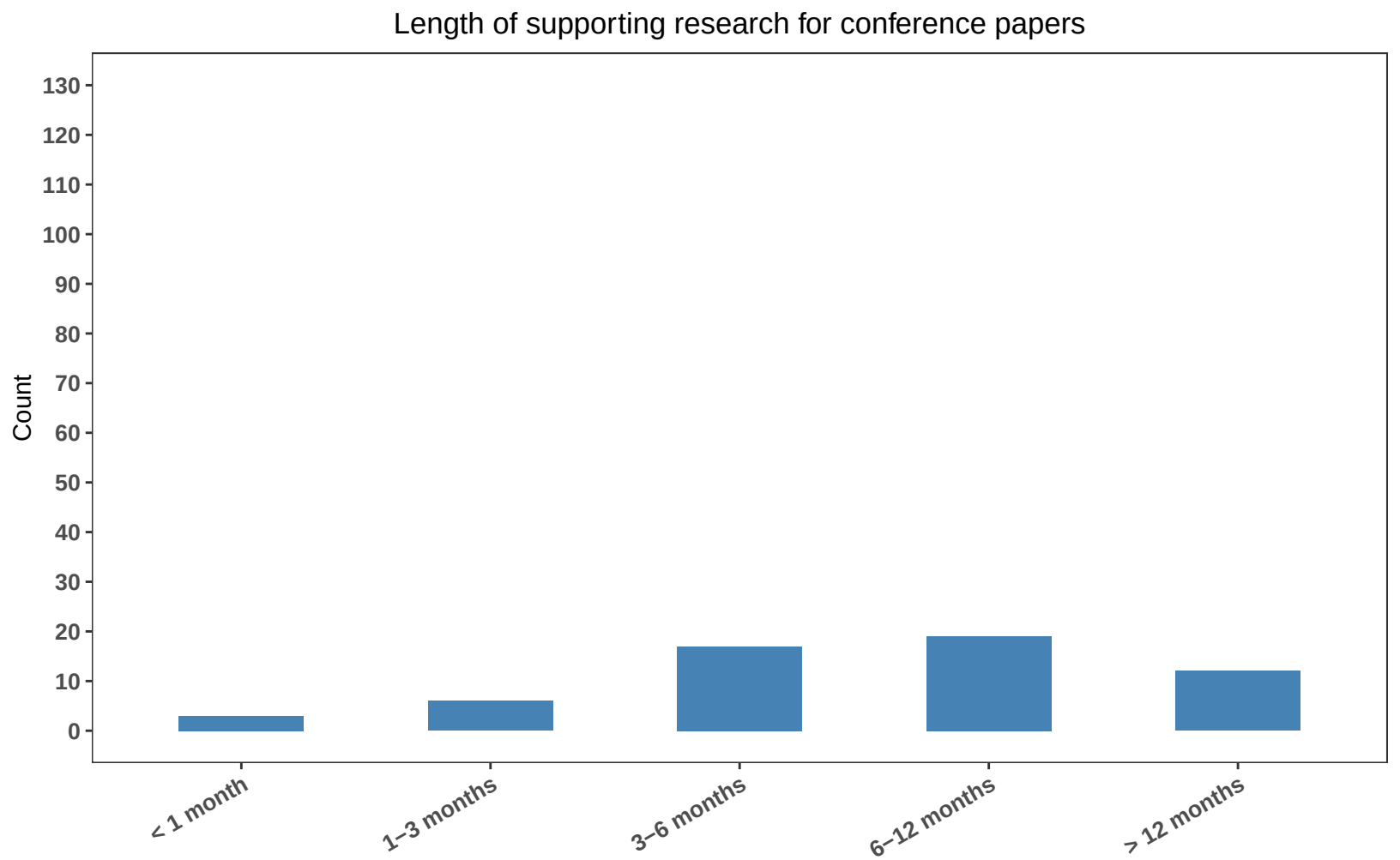

People submitting papers in refereed conferences
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
No
Yes

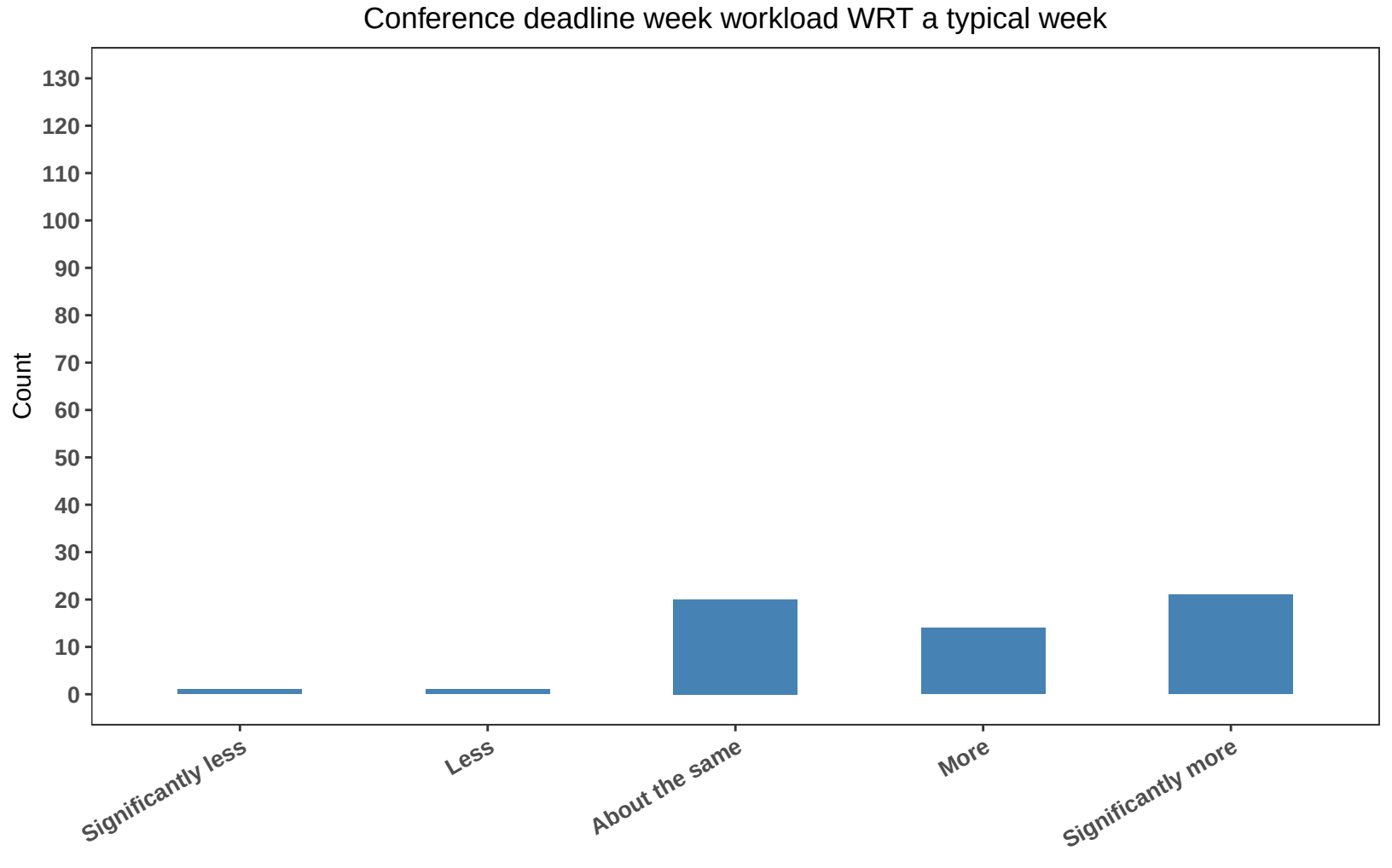

Average number of conference papers per year
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
1–2
3–4
5–6
7–9
>= 10

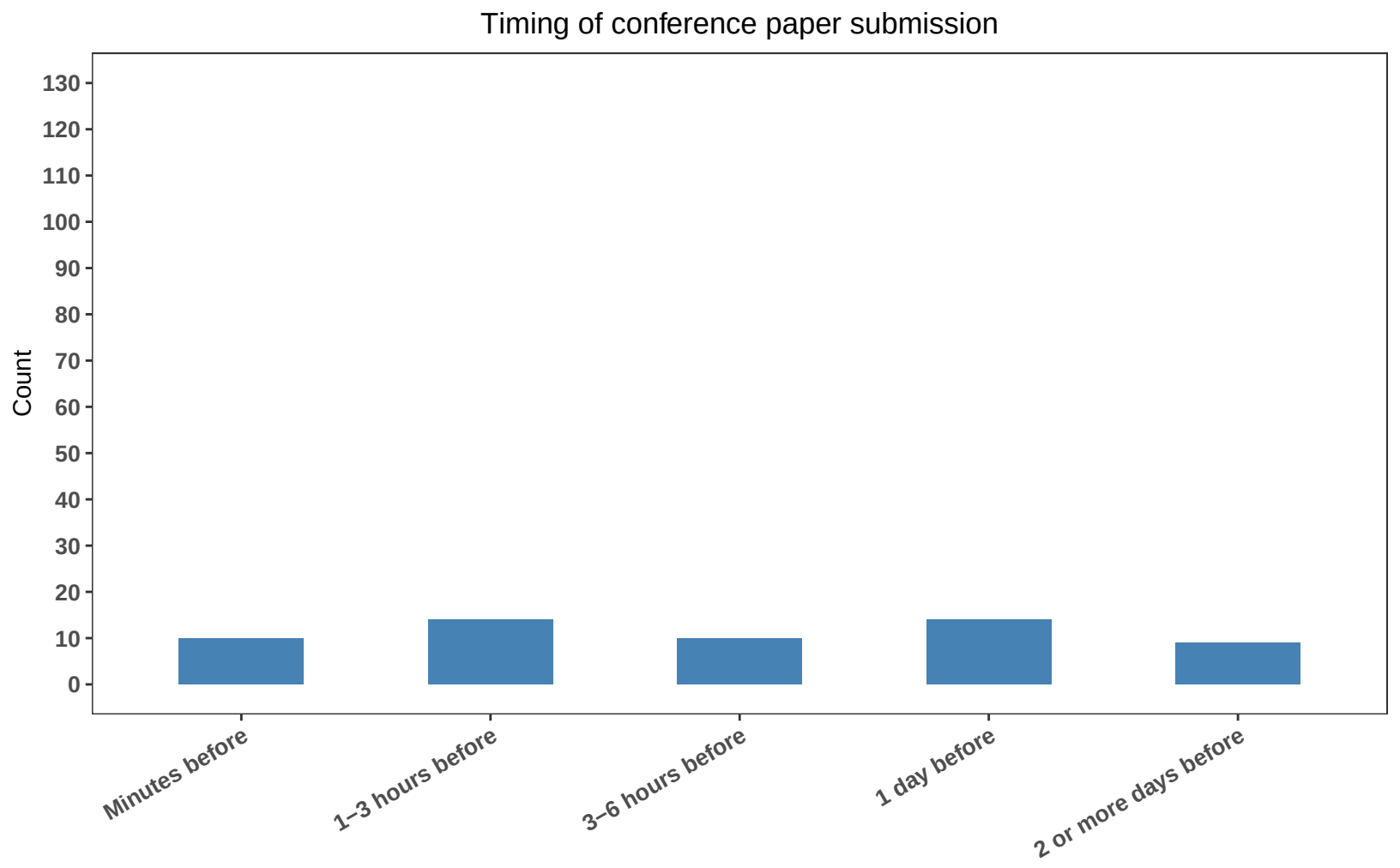

CORE rank of conferences
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
C
B
A
A*


Approximate success rate in conference submissions
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
< 10%
10–20%
20–30%
30–50%
50–75%
75–90%
> 90%


Length of conference paper composition period
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
< 1 week
1–2 weeks
2–4 weeks
1–2 months
> 2 months

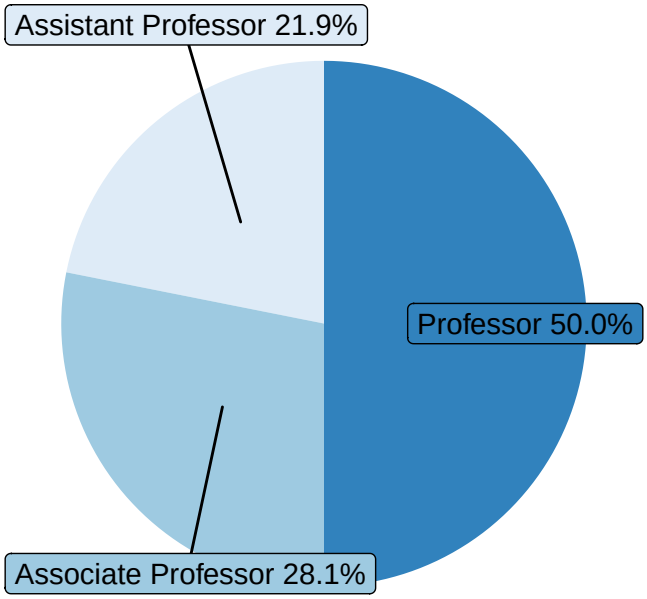

Length of supporting research for conference papers
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
< 1 month
1–3 months
3–6 months
6–12 months
> 12 months


Conference deadline week workload WRT a typical week
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
Significantly less
Less
About the same
More
Significantly more

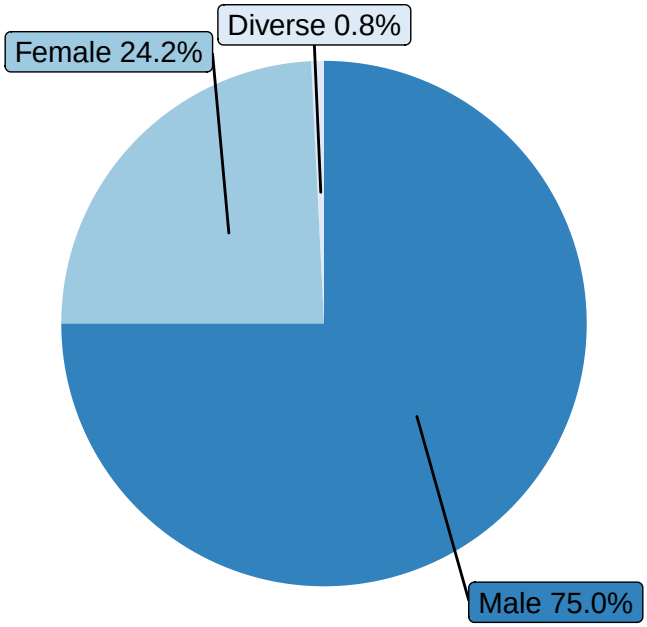

Timing of conference paper submission
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
Minutes before
1–3 hours before
3–6 hours before
1 day before
2 or more days before

Stress level on conference deadlines WRT regular working day
Count
130
120
110
100
90
80
70
60
50
40
30
20
10
0
Extremely less
Significantly less
Same
Significantly more
Extremely more

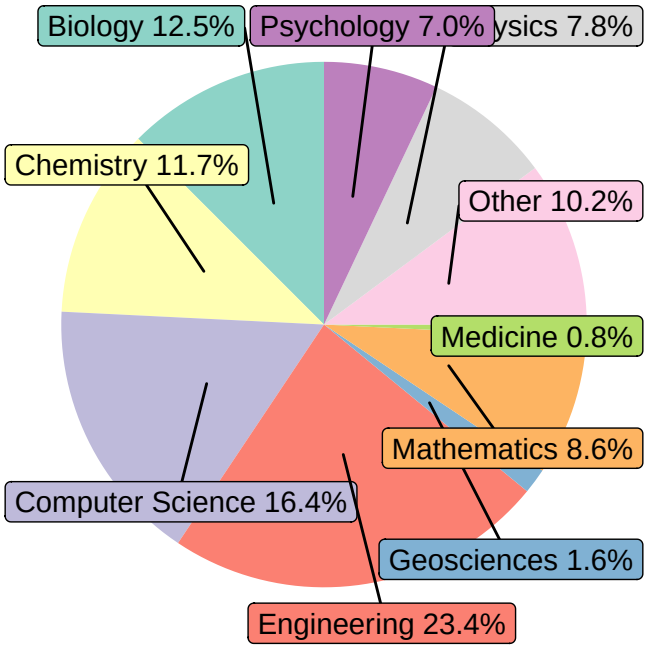
Faculty Rank

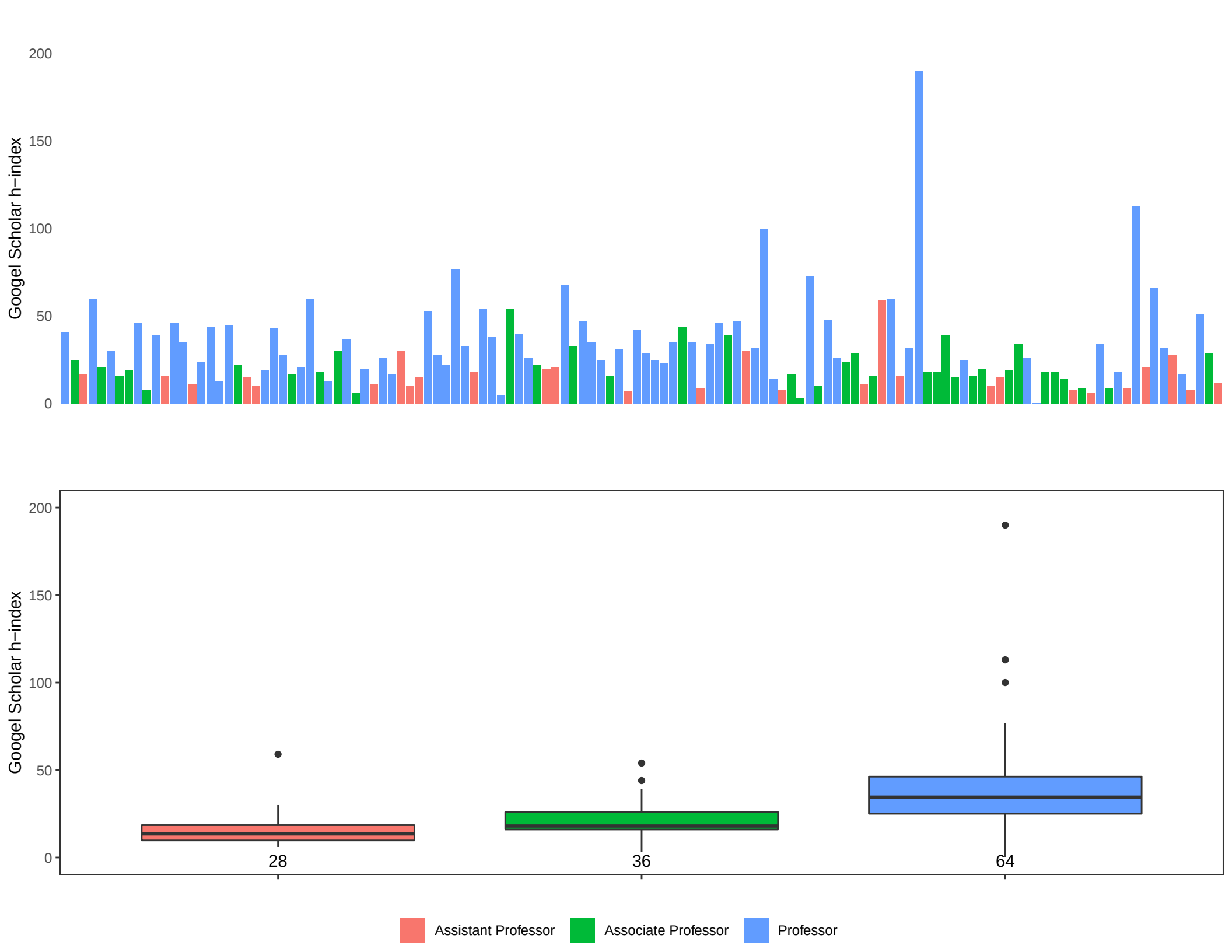


Gender

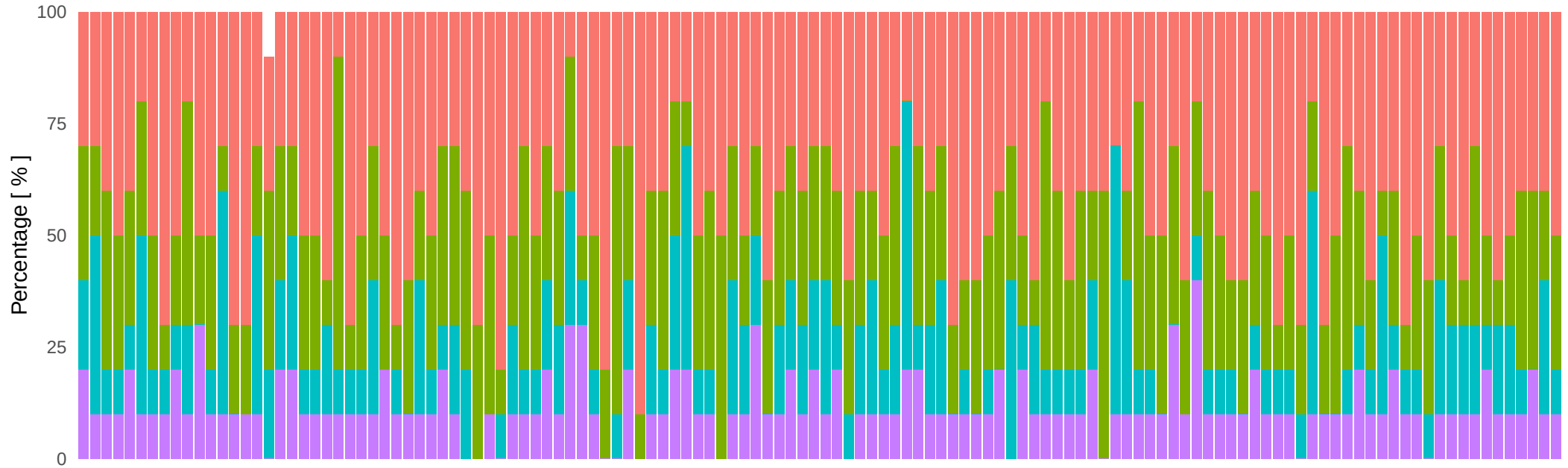


Department

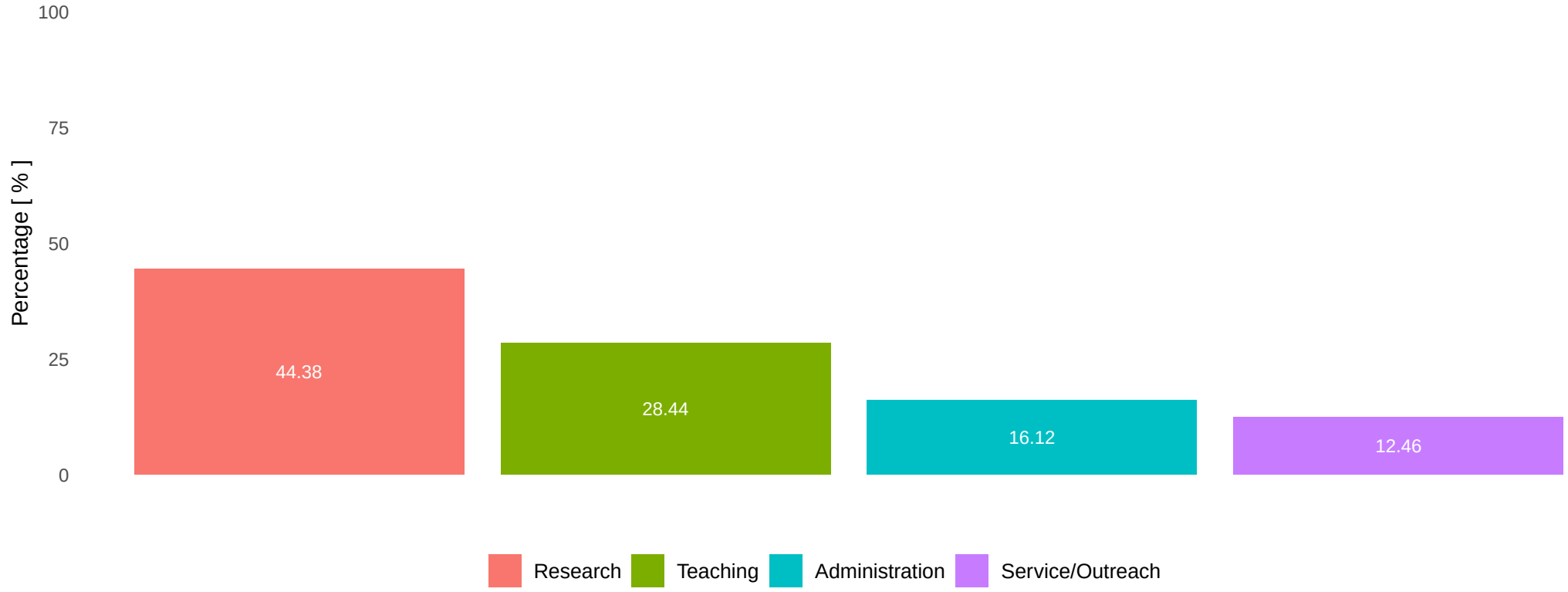


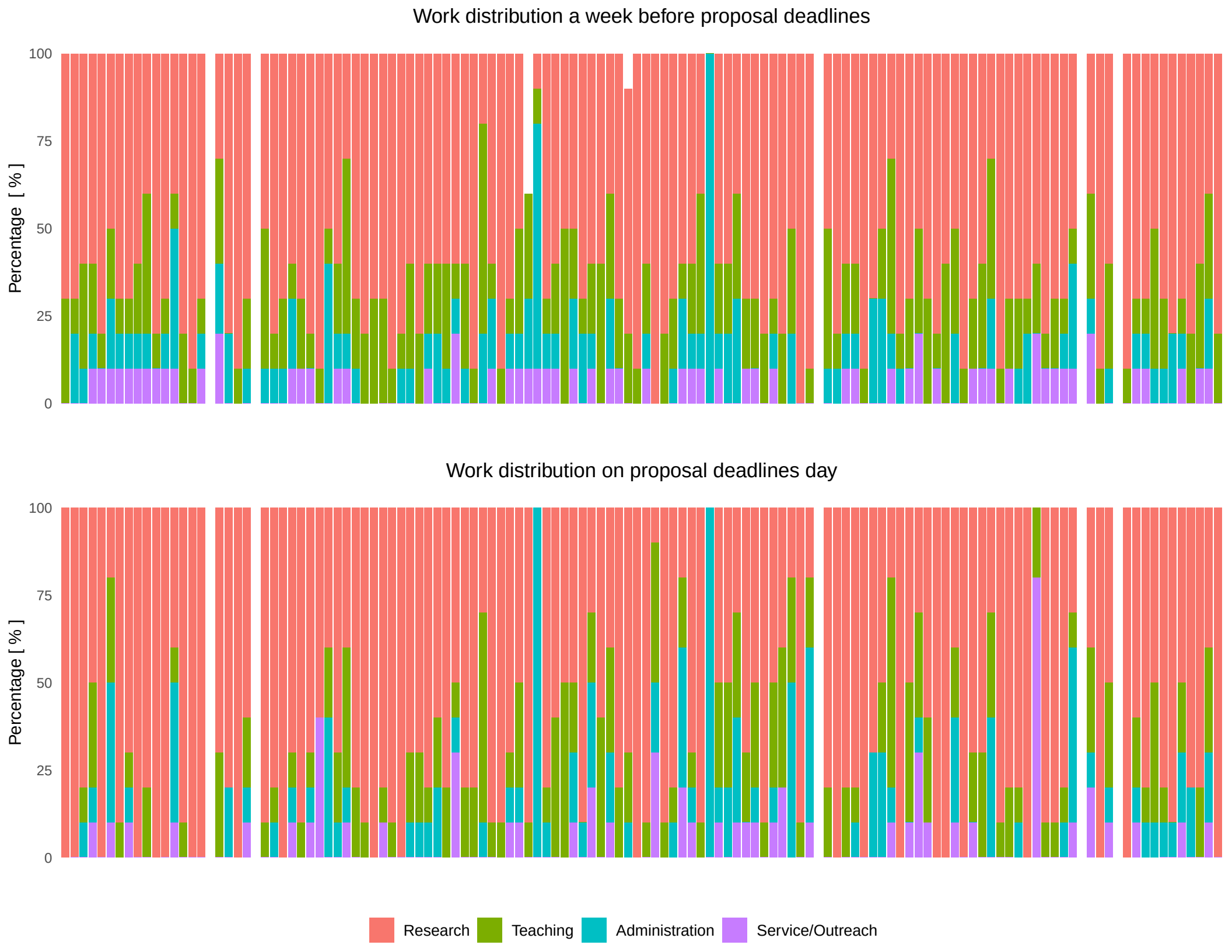

Googel Scholar h−index
200
150
100
50
0
Googel Scholar h−index
200
150
100
50
0
28
36
64
Assistant Professor
Associate Professor
Professor

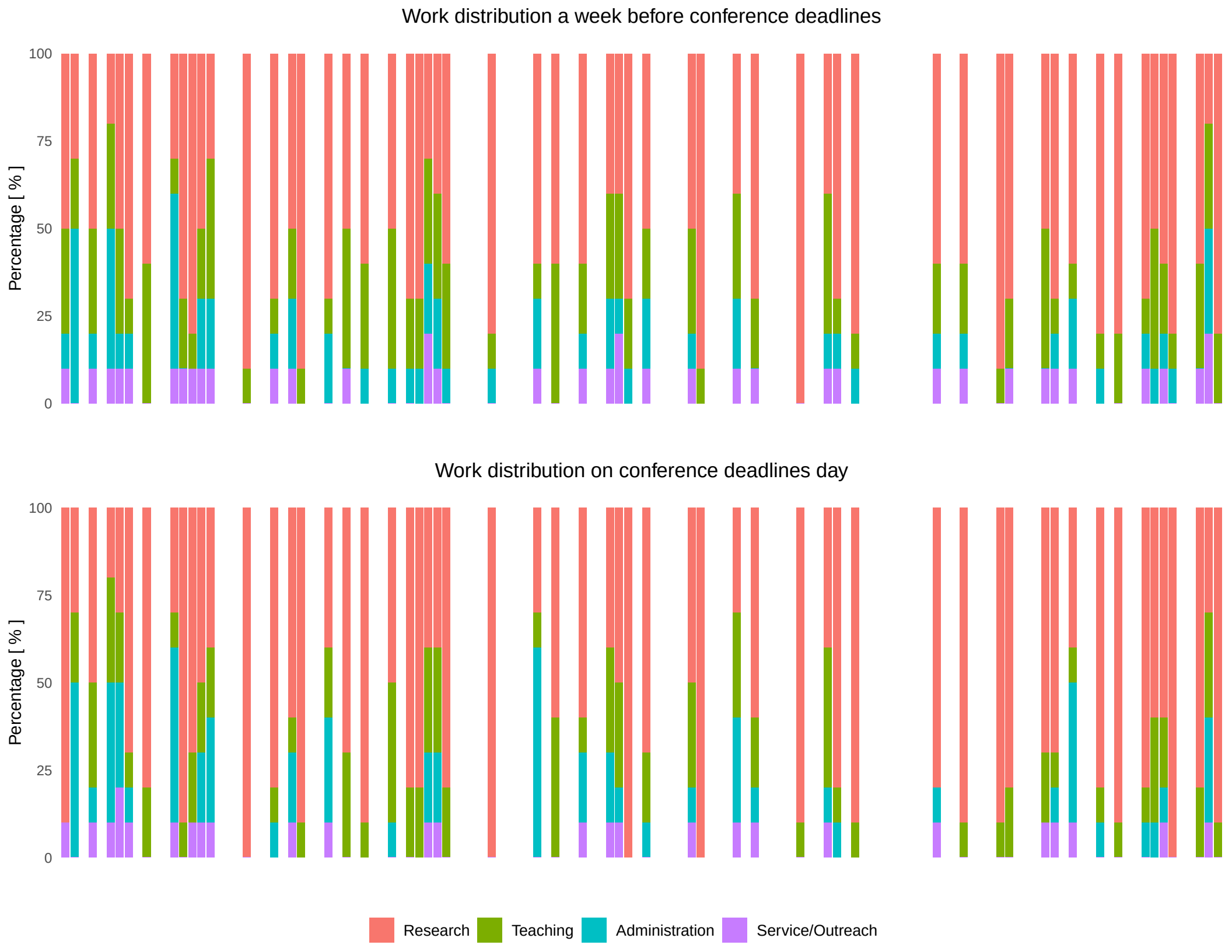
Work distribution in a typical week

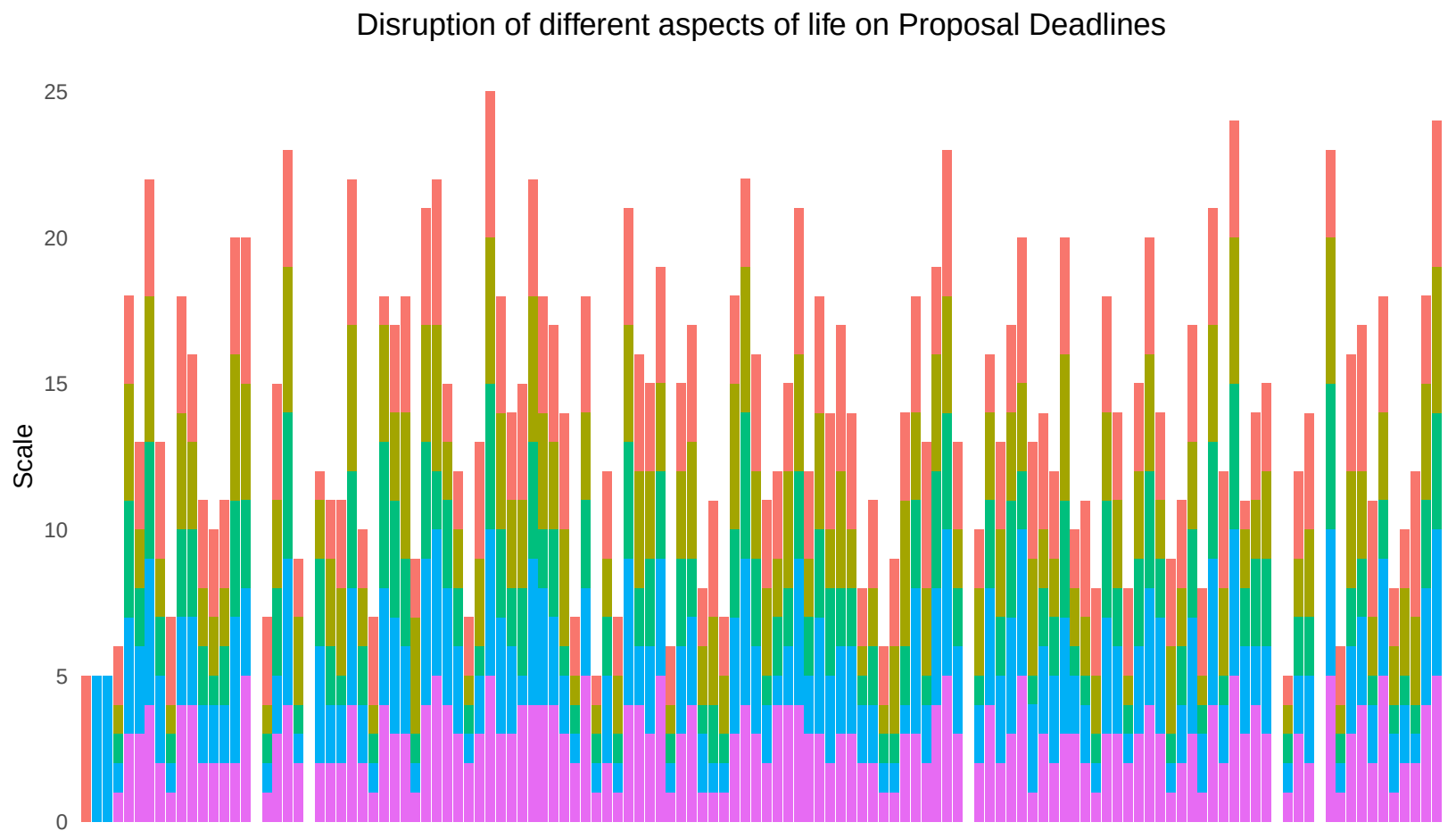


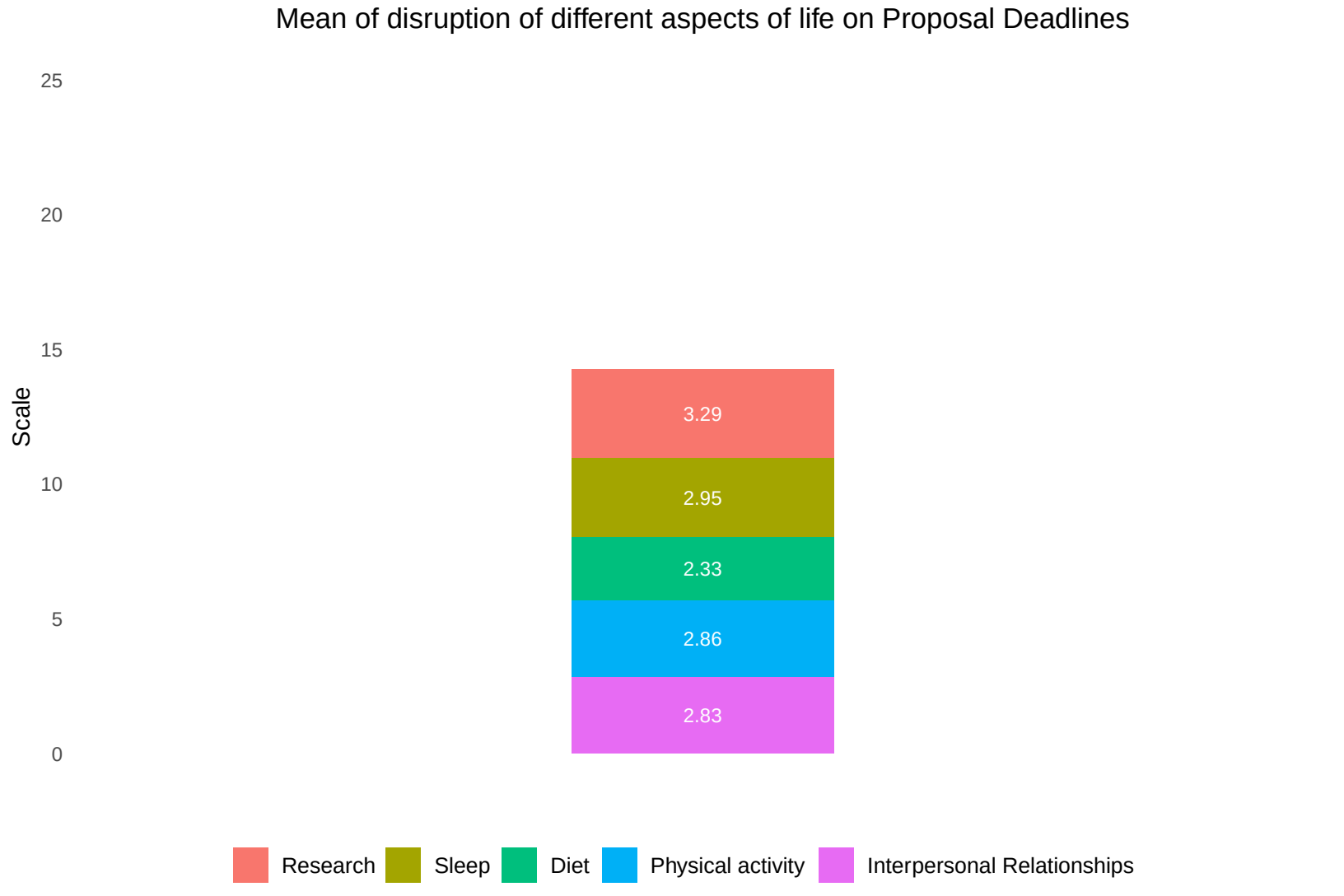
Mean of work distribution in a typical week

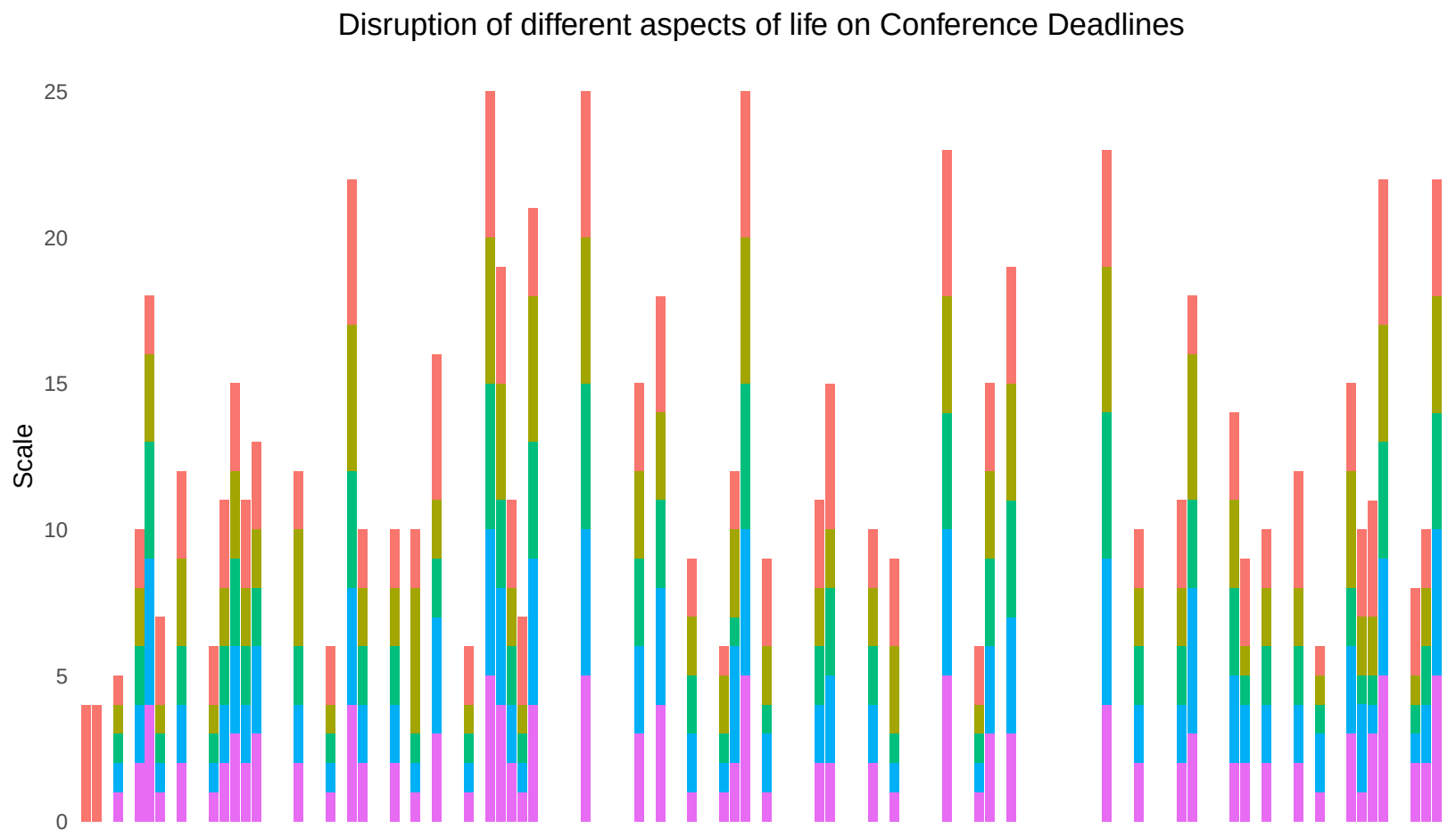


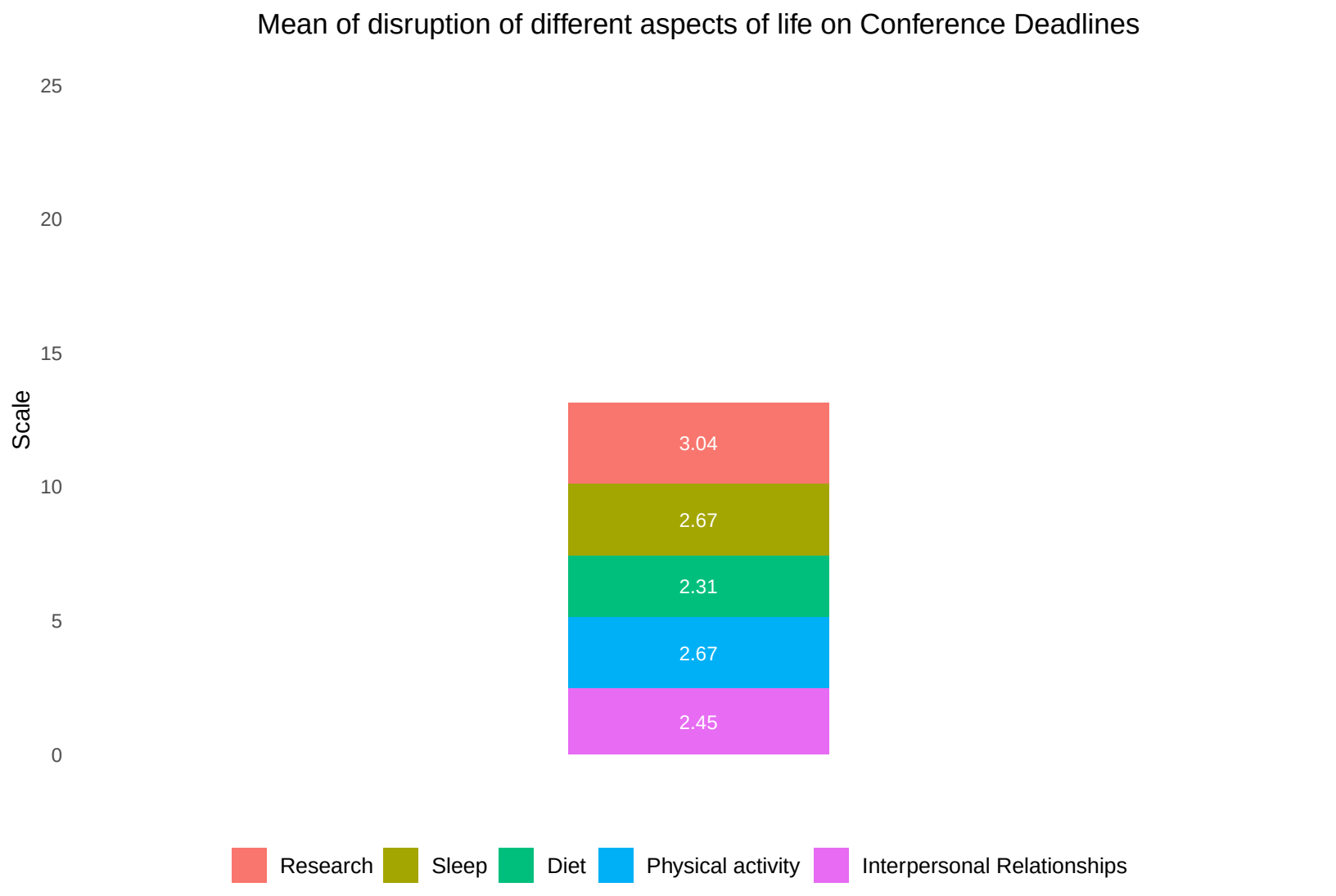

Work distribution a week before proposal deadlines
Percentage [%]
100
75
50
25
0
Work distribution on proposal deadlines day
Percentage [%]
100
75
50
25
0
Research
Teaching
Administration
Service/Outreach

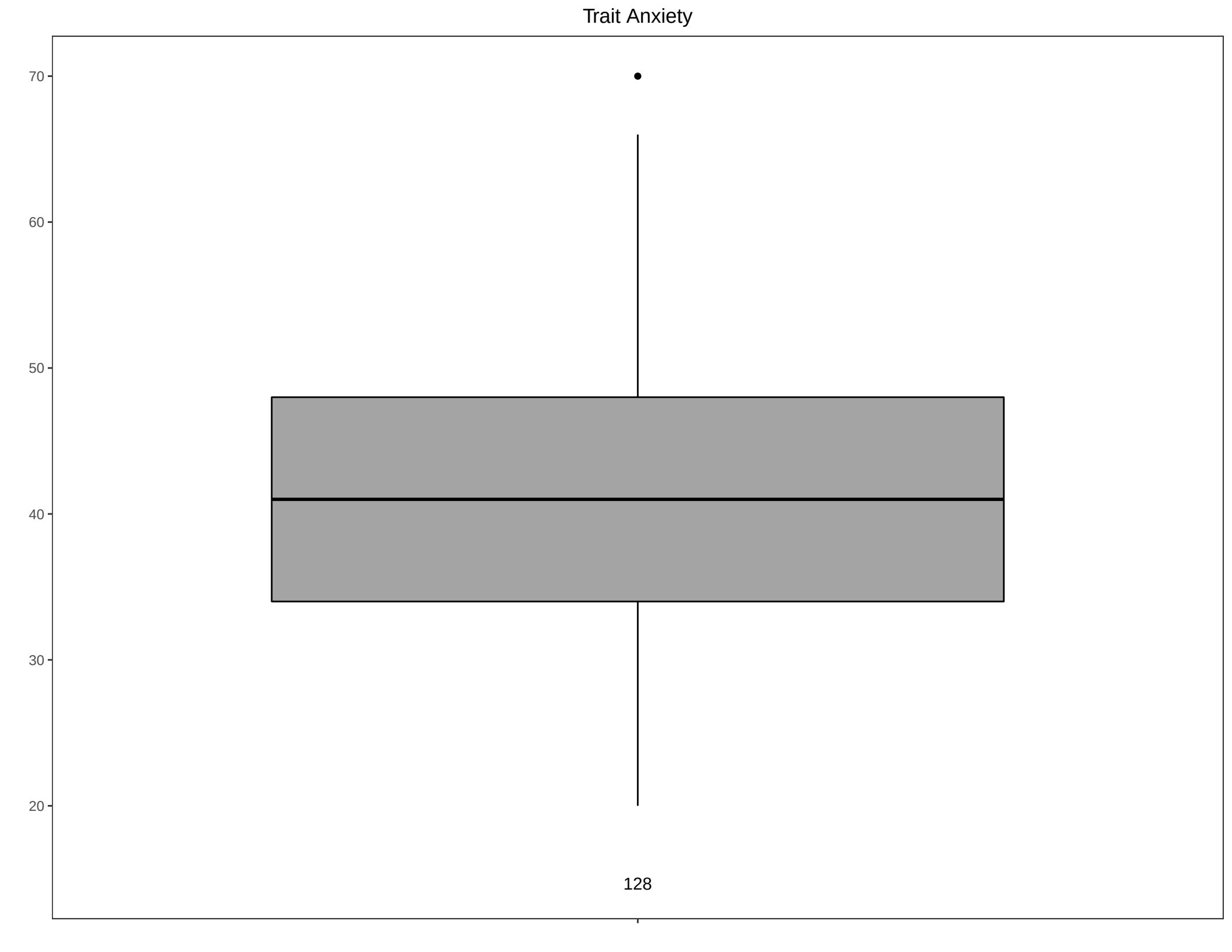

Work distribution a week before conference deadlines
Percentage [%]
100
75
50
25
0
Work distribution on conference deadlines day
Percentage [%]
100
75
50
25
0
Research
Teaching
Administration
Service/Outreach

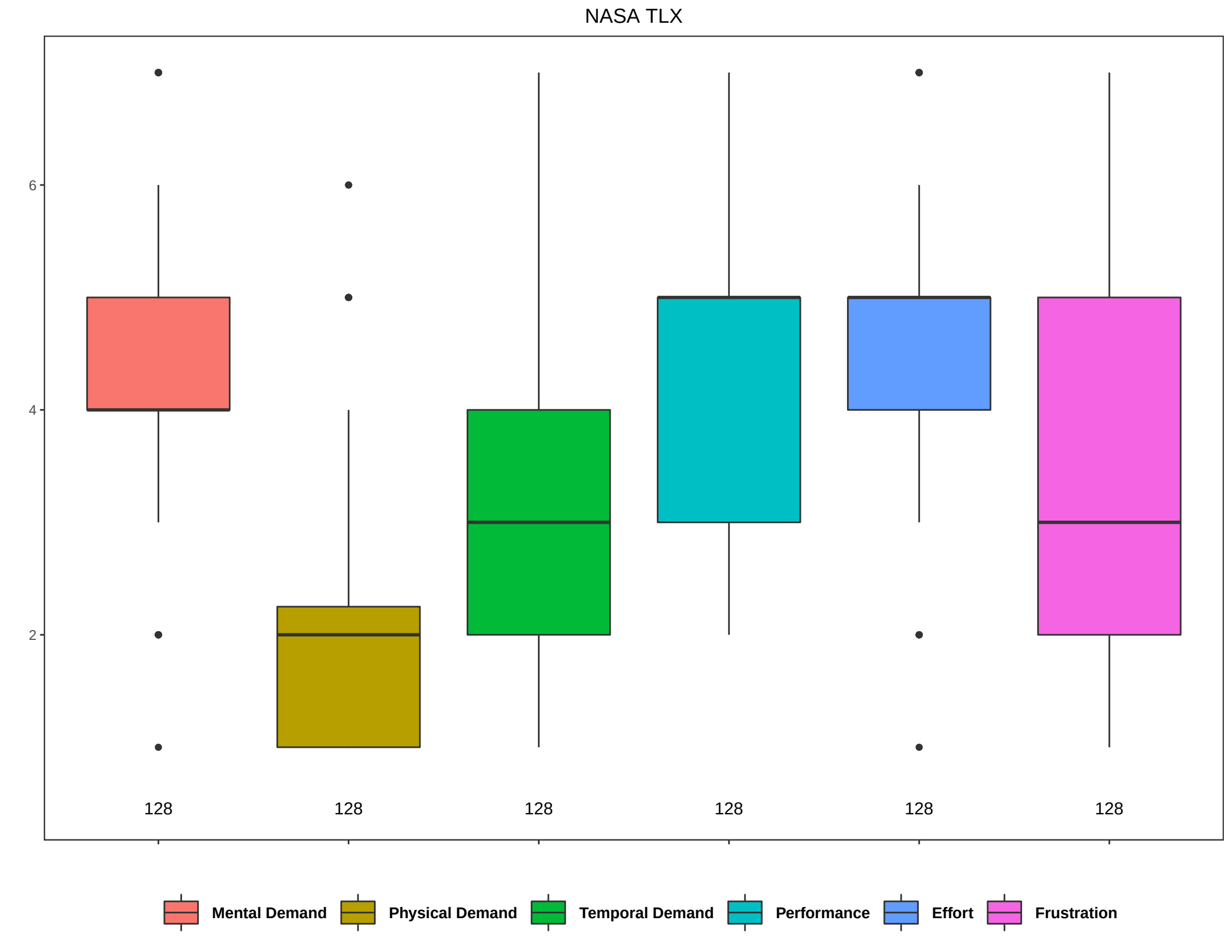

Disruption of different aspects of life on Proposal Deadlines
Scale
25
20
15
10
5
0

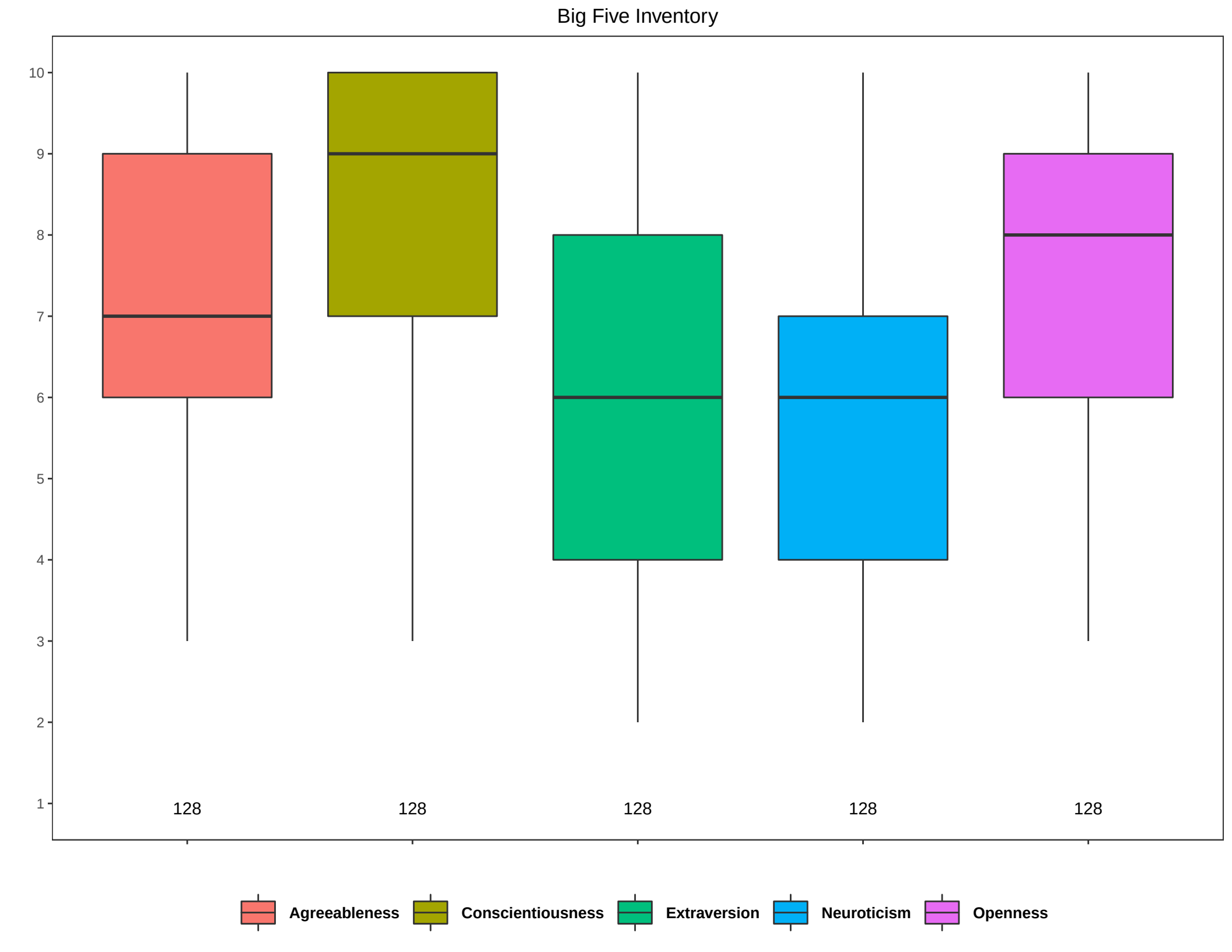

Mean of disruption of different aspects of life on Proposal Deadlines
Scale
25
20
15
10
5
0
3.29
2.95
2.33
2.86
2.83
Research
Sleep
Diet
Physical activity
Interpersonal Relationships

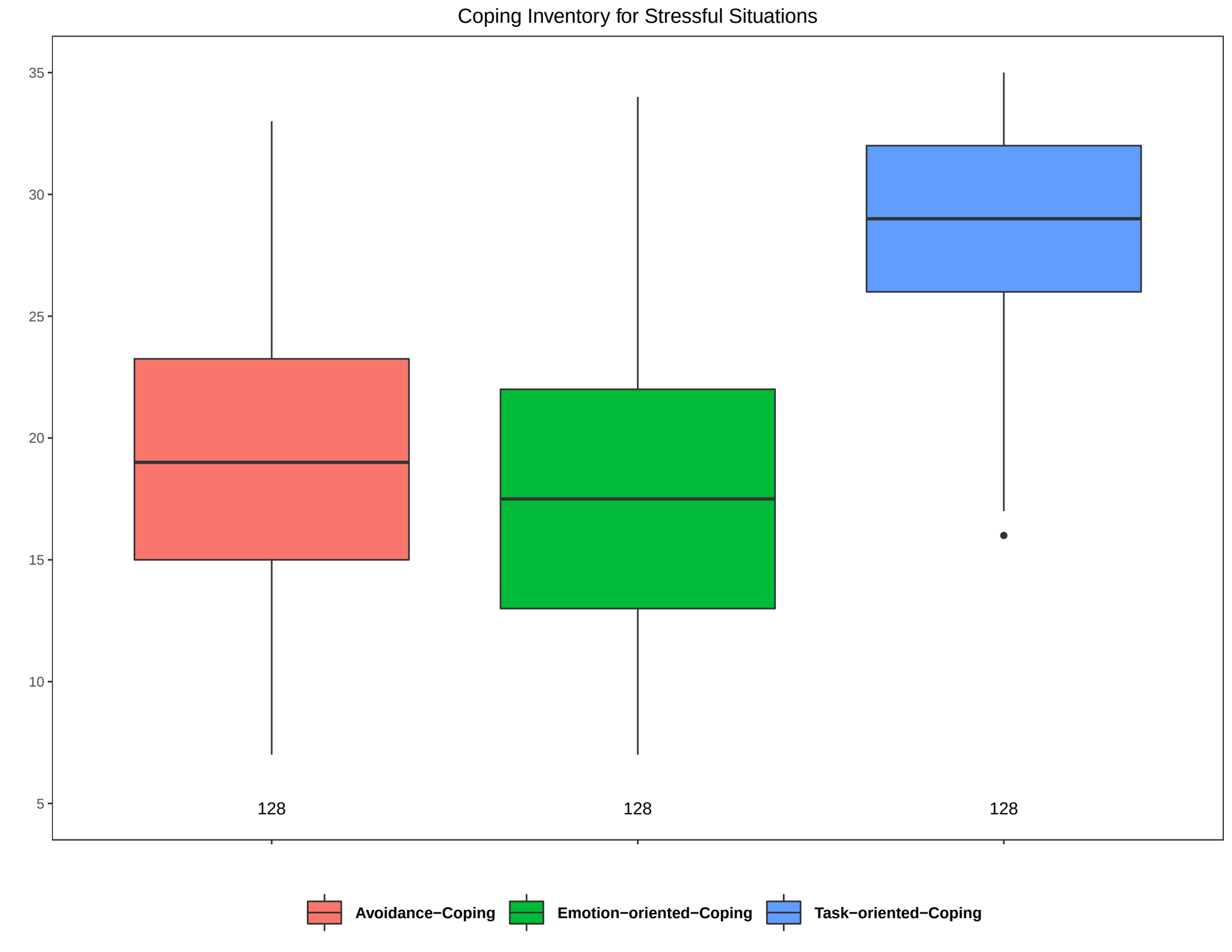

Disruption of different aspects of life on Conference Deadlines
Scale
25
20
15
10
5
0

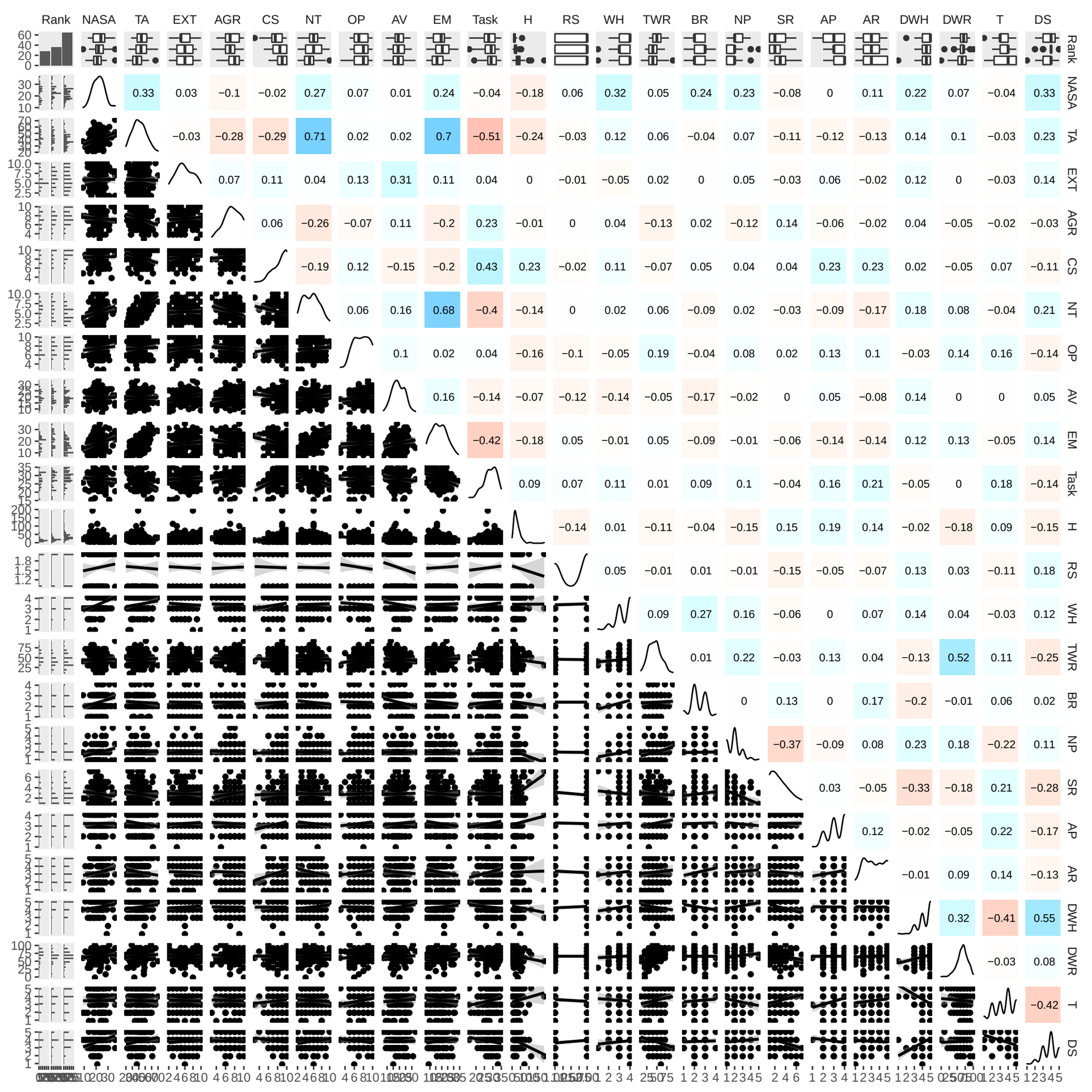

Mean of disruption of different aspects of life on Conference Deadlines
Scale
25
20
15
10
5
0
3.04
2.67
2.31
2.67
2.45
Research
Sleep
Diet
Physical activity
Interpersonal Relationships

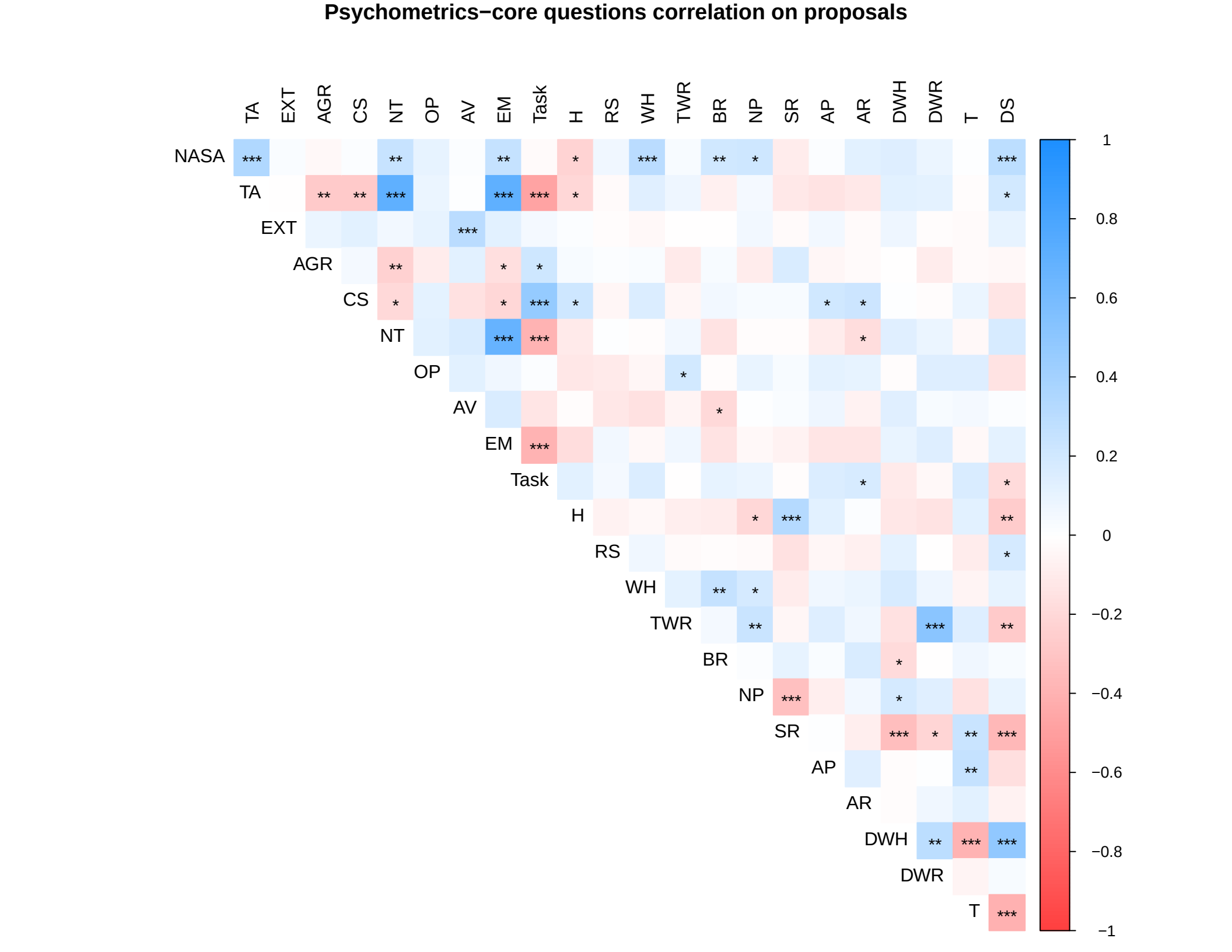

Trait Anxiety
70
60
50
40
30
20
128

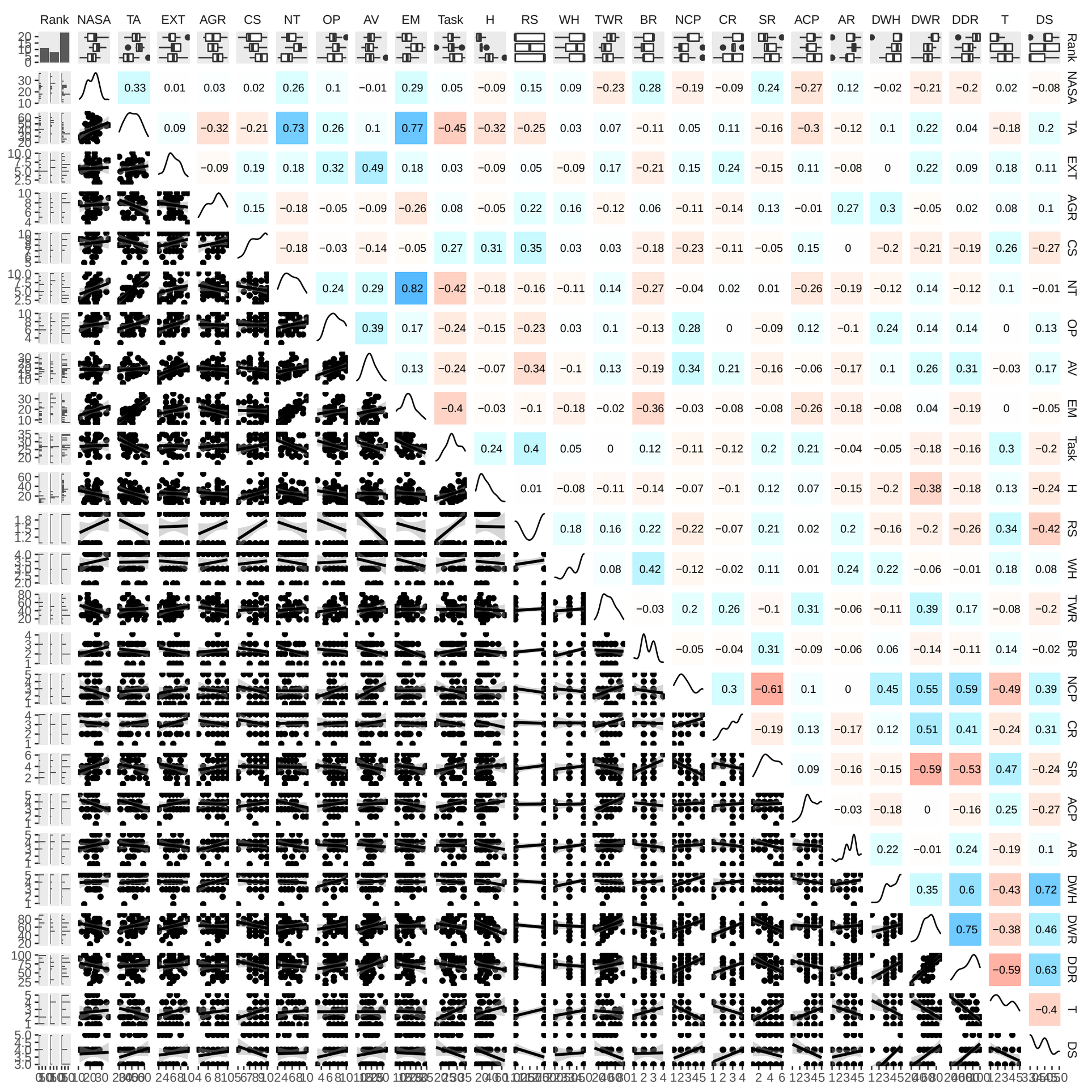

NASA TLX
6
4
2
128
128
128
128
128
128
Mental Demand
Physical Demand
Temporal Demand
Performance
Effort
Frustration

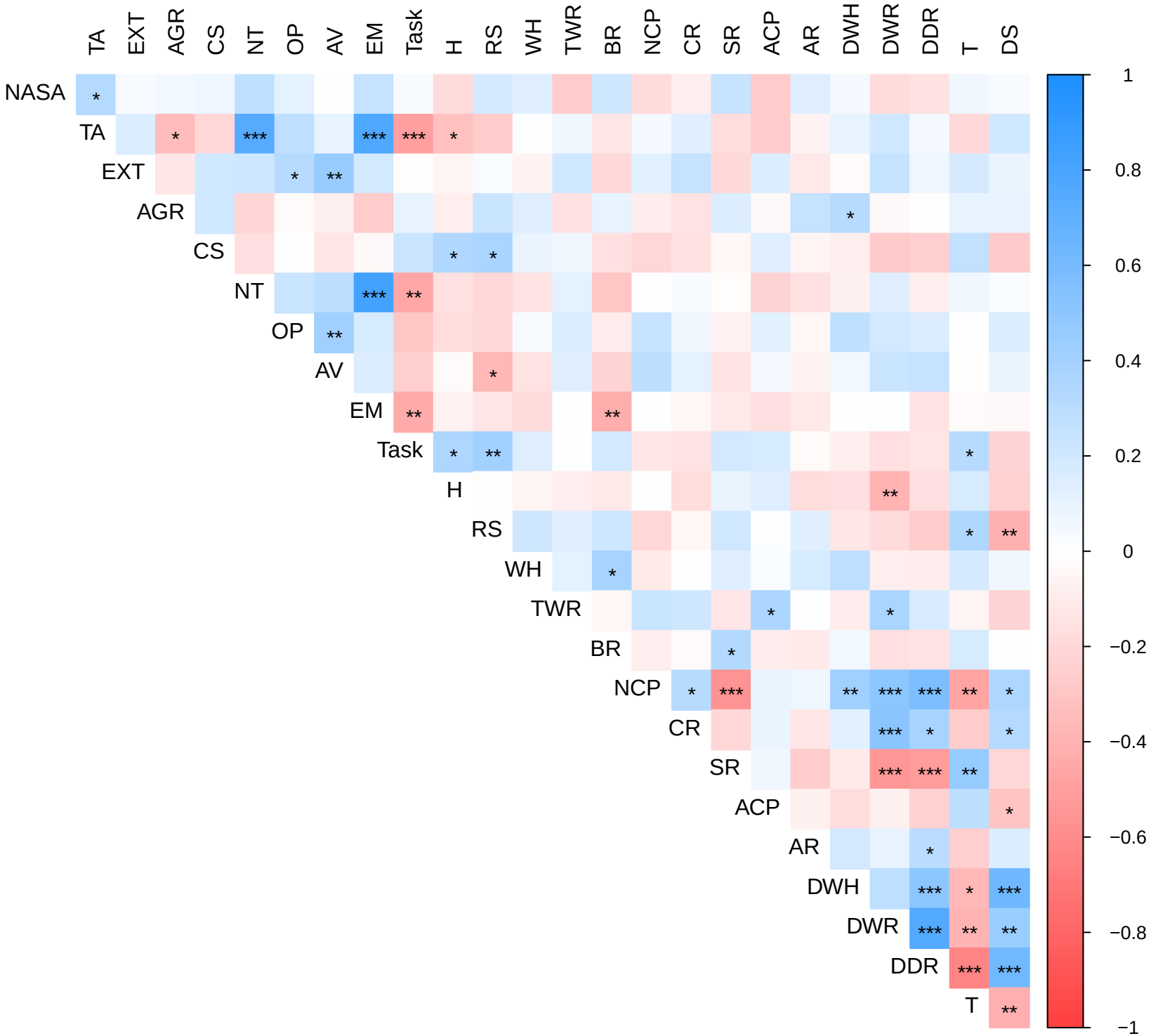

Big Five Inventory
10
9
8
7
6
5
4
3
2
1
128
128
128
128
128
Agreeableness
Conscientiousness
Extraversion
Neuroticism
Openness

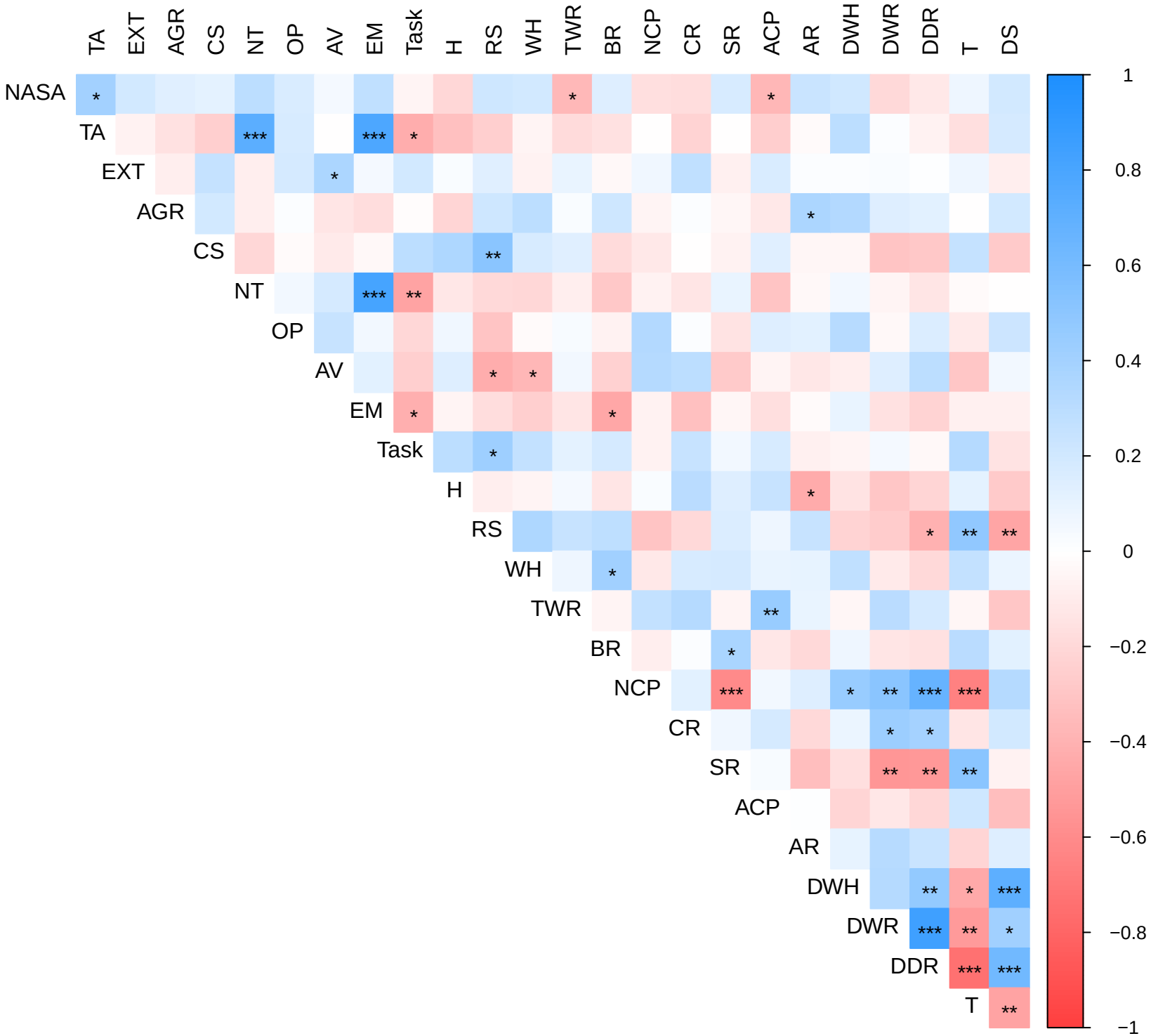

Coping Inventory for Stressful Situations
35
30
25
20
15
10
5
128
128
128
Avoidance−Coping
Emotion−oriented−Coping
Task−oriented−Coping


Rank NASA TA EXT AGR CS NT OP AV EM Task H RS WH TWR BR NP SR AP AR DWH DWR T DS
Rank 0.33 0.03 −0.1 −0.02 0.27 0.07 0.01 0.24 −0.04 −0.18 0.06 0.32 0.05 0.24 0.23 −0.08 0 0.11 0.22 0.07 −0.04 0.33
NASA −0.03 −0.28 −0.29 0.71 0.02 0.02 0.7 −0.51 −0.24 −0.03 0.12 0.06 −0.04 0.07 −0.11 −0.12 −0.13 0.14 0.1 −0.03 0.23
TA 0.07 0.11 0.04 0.13 0.31 0.11 0.04 0 −0.01 −0.05 0.02 0 0.05 −0.03 0.06 −0.02 0.12 0 −0.03 0.14
EXT 0.06 −0.26 −0.07 0.11 −0.2 0.23 −0.01 0 0.04 −0.13 0.02 −0.12 0.14 −0.06 −0.02 0.04 −0.05 −0.02 −0.03
AGR −0.19 0.12 −0.15 −0.2 0.43 0.23 −0.02 0.11 −0.07 0.05 0.04 0.04 0.23 0.23 0.02 −0.05 0.07 −0.11
CS 0.06 0.16 0.68 −0.4 −0.14 0 0.02 0.06 −0.09 0.02 −0.03 −0.09 −0.17 0.18 0.08 −0.04 0.21
NT 0.1 0.02 0.04 −0.16 −0.1 −0.05 0.19 −0.04 0.08 0.02 0.13 0.1 −0.03 0.14 0.16 −0.14
OP 0.16 −0.14 −0.07 −0.12 −0.14 −0.05 −0.17 −0.02 0 0.05 −0.08 0.14 0 0 0.05
AV −0.42 −0.18 0.05 −0.01 0.05 −0.09 −0.01 −0.06 −0.14 −0.14 0.12 0.13 −0.05 0.14
EM 0.09 0.07 0.11 0.01 0.09 0.1 −0.04 0.16 0.21 −0.05 0 0.18 −0.14
Task −0.14 0.01 −0.11 −0.04 −0.15 0.15 0.19 0.14 −0.02 −0.18 0.09 −0.15
H 0.05 −0.01 0.01 −0.01 −0.15 −0.05 −0.07 0.13 0.03 −0.11 0.18
RS 0.09 0.27 0.16 −0.06 0 0.07 0.14 0.04 −0.03 0.12
WH 0.01 0.22 −0.03 0.13 0.04 −0.13 0.52 0.11 −0.25
TWR 0 0.13 0 0.17 −0.2 −0.01 0.06 0.02
BR −0.37 −0.09 0.08 0.23 0.18 −0.22 0.11
NP 0.03 −0.05 −0.33 −0.18 0.21 −0.28
SR 0.12 −0.02 −0.05 0.22 −0.17
AP −0.01 0.09 0.14 −0.13
AR 0.32 −0.41 0.55
DWH −0.03 0.08
DWR −0.42
T
DS


Psychometrics−core questions correlation on proposals
TA
EXT
AGR
CS
NT
OP
AV
EM
Task
H
RS
WH
TWR
BR
NP
SR
AP
AR
DWH
DWR
T
DS
NASA
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1


Rank NASA TA EXT AGR CS NT OP AV EM Task H RS WH TWR BR NCP CR SR ACP AR DWH DWR DDR T DS
0.33 0.01 0.03 0.02 0.26 0.1 −0.01 0.29 0.05 −0.09 0.15 0.09 −0.23 0.28 −0.19 −0.09 0.24 −0.27 0.12 −0.02 −0.21 −0.2 0.02 −0.08
0.09 −0.32 −0.21 0.73 0.26 0.1 0.77 −0.45 −0.32 −0.25 0.03 0.07 −0.11 0.05 0.11 −0.16 −0.3 −0.12 0.1 0.22 0.04 −0.18 0.2
−0.09 0.19 0.18 0.32 0.49 0.18 0.03 −0.09 0.05 −0.09 0.17 −0.21 0.15 0.24 −0.15 0.11 −0.08 0 0.22 0.09 0.18 0.11
0.15 −0.18 −0.05 −0.09 −0.26 0.08 −0.05 0.22 0.16 −0.12 0.06 −0.11 −0.14 0.13 −0.01 0.27 0.3 −0.05 0.02 0.08 0.1
−0.18 −0.03 −0.14 −0.05 0.27 0.31 0.35 0.03 0.03 −0.18 −0.23 −0.11 −0.05 0.15 0 −0.2 −0.21 −0.19 0.26 −0.27
0.24 0.29 0.82 −0.42 −0.18 −0.16 −0.11 0.14 −0.27 −0.04 0.02 0.01 −0.26 −0.19 −0.12 0.14 −0.12 0.1 −0.01
0.39 0.17 −0.24 −0.15 −0.23 0.03 0.1 −0.13 0.28 0 −0.09 0.12 −0.1 0.24 0.14 0.14 0 0.13
0.13 −0.24 −0.07 −0.34 −0.1 0.13 −0.19 0.34 0.21 −0.16 −0.06 −0.17 0.1 0.26 0.31 −0.03 0.17
−0.4 −0.03 −0.1 −0.18 −0.02 −0.36 −0.03 −0.08 −0.08 −0.26 −0.18 −0.08 0.04 −0.19 0 −0.05
0.24 0.4 0.05 0 0.12 −0.11 −0.12 0.2 0.21 −0.04 −0.05 −0.18 −0.16 0.3 −0.2
0.01 −0.08 −0.11 −0.14 −0.07 −0.1 0.12 0.07 −0.15 −0.2 −0.38 −0.18 0.13 −0.24
0.18 0.16 0.22 −0.22 −0.07 0.21 0.02 0.2 −0.16 −0.2 −0.26 0.34 −0.42
0.08 0.42 −0.12 −0.02 0.11 0.01 0.24 0.22 −0.06 −0.01 0.18 0.08
−0.03 0.2 0.26 −0.1 0.31 −0.06 −0.11 0.39 0.17 −0.08 −0.2
−0.05 −0.04 0.31 −0.09 −0.06 0.06 −0.14 −0.11 0.14 −0.02
0.3 −0.61 0.1 0 0.45 0.55 0.59 −0.49 0.39
−0.19 0.13 −0.17 0.12 0.51 0.41 −0.24 0.31
0.09 −0.16 −0.15 −0.59 −0.53 0.47 −0.24
−0.03 −0.18 0 −0.16 0.25 −0.27
0.22 −0.01 0.24 −0.19 0.1
0.35 0.6 −0.43 0.72
0.75 −0.38 0.46
−0.59 0.63
−0.4


Psychometrics−core questions correlation on conference papers
TA
EXT
AGR
CS
NT
OP
AV
EM
Task
H
RS
WH
TWR
BR
NCP
CR
SR
ACP
AR
DWH
DWR
DDR
T
DS
NASA
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1


Psychometrics−core questions correlation on A−A* conference papers
TA
EXT
AGR
CS
NT
OP
AV
EM
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RS
WH
TWR
BR
NCP
CR
SR
ACP
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DWH
DWR
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NASA
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0.2
0
−0.2
−0.4
−0.6
−0.8
−1