

Australian University Staff 2020 - 2023 Work, Digital Stress and Wellbeing Survey

Overall Report

Data collected by the Psychosocial Safety Climate Global Observatory, University of South Australia

Lead Investigators: Professor Kurt Lushington, Professor Maureen Dollard, Professor Arnold Bakker, Dr Amy Zadow, Dr Rachael Potter, Dr Ali Afsharian, Dr Silvia Pignata, Ms Amy Parkin, Ms Sophie Richter, Mr Daniel Nesar

Report built by Daniel Nesar

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Introduction

This data-driven visual report is compiled to present four years (2020 - 2023) of surveys from Australian universities, revealing a picture of workplace climate for worker psychological health and wellbeing.

The report introduces and presents the key metrics by which individual and workplace conditions can be assessed. In many ways and metrics, the university sector is letting its staff down.

The study has analysed many aspects of working life for university staff, and this report features a detailed breakdown of responses per question. Individual university scores couldn't be included in the report.

This is a static version of an interactive dashboard.

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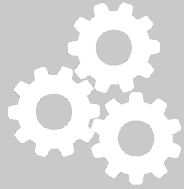
Main Pages

Home	Introduction	Highlighted Measures	Highlighted Measures Continued	PSC Summary	PSC Benchmarks	Exhaustion, Distress, Engagement	Digital Work	Work Pressure Overview	
University Group Summaries	Job Security	Employment Type	Bullying and Harassment	Items By Concern	Emotional Exhaustion Correlations	Engagement Correlations	Demographic Information	Measure Breakdown Section	Appendix

Scales

Academic Pressure	Cognitive Resources	Colleague Digital Expectation	Creativity	Digital Boundaries	Digital Demands	Digital Demands - WFH	Digital Communication Overload	Digital Resources	Detachment	Email Overload	Email Volume	Email Work Importance	Emotional Demands	Emotional Exhaustion
Emotional Resources	Employee Voice	Empowering Leadership	Engagement	HR Policy	Immersion	Innovation	Job Satisfaction	Obsessive Passion	Optimising Job Demands	Optimising Job Resources	Physical Health	Playful Work Design	Procedural Justice	PSC 12
PSC (School Level)	PSC (Team Level)	Restructuring	Psychological Distress	Seeking Challenges	Self-Undermining	Student Digital Expectations	Student Evaluation - Negative	Student Evaluation - Positive	Supervisor Digital Expectations	Team Psychological Safety	Work Harmony	Work Pressure	Work-Family Conflict	Work-Self Conflict

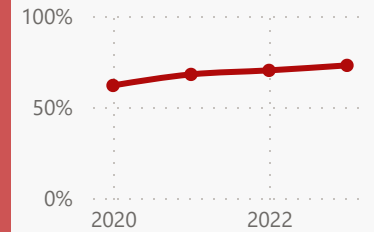
The findings for the key variables are summarised below. For a more detailed summary and citation of each of these scales, refer to the scale summary pages. Benchmarks are listed in the appendix. Work pressure was not measured in 2023.



Psychosocial Safety Climate is the institutional climate for worker psychological health. A poor PSC score indicates individuals are at high risk of mental injury stemming from work conditions. Overall, two thirds of respondents were at high risk or above for poor psychosocial safety climate.

67.06%

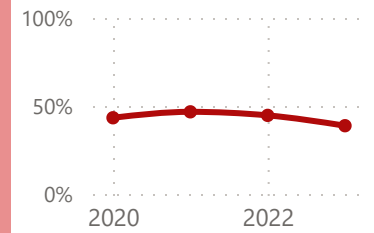
High and Very High Risk



Psychological Distress or the K10 scale asks about the frequency an individual suffers from the symptoms of psychological distress, including tiredness, nervousness and depressive symptoms. According to cut-offs, over two in five university staff reported high or very high distress.

43.91%

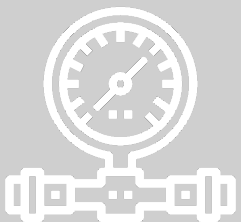
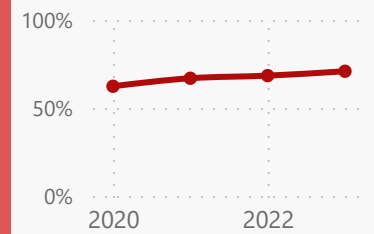
High And Very High Distress



Emotional Exhaustion is a subscale of the Burnout Assessment Tool and measures the emotional drain of work and conditions on the job. According to cut-offs, two thirds of university staff reported high or very high exhaustion.

66.28%

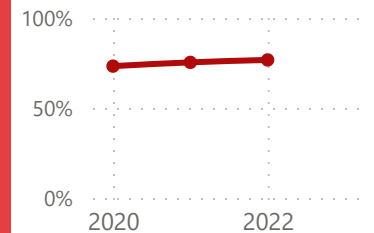
High and Very High Exhaustion



Work Pressure measures the strain an individual faces when on the job. It captures the speed, intensity and demands of tasks as part of the experience of working. About three quarters of university staff reported that work pressure was high.

74.84%

Having High Work Pressure

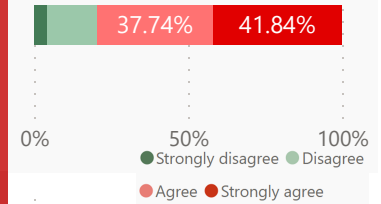


More key findings are summarised below. For a more detailed summary and citation of each of these scales, refer to the scale summary pages. Benchmarks are listed in the appendix. The items assessing the impact of restructuring and cost cuts were only measured in 2023.



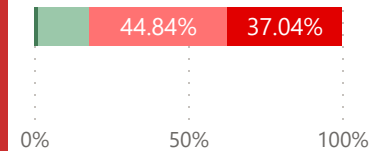
Participants in 2023 were asked assess the statement: **"In your university, there have been significant changes such as restructuring, downsizing and layoffs that have significantly affected your job."** Just under four in five agreed or strongly agreed with the statement.

79.58%
Impacted by Restructures



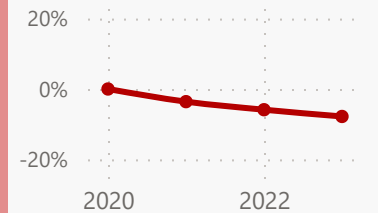
Participants in 2023 were asked assess the statement: **"In your university, new policies and procedures designed to cut costs are constantly being introduced where you work."** Over four in five agreed or strongly agreed with the statement.

81.88%
Impacted by Cost Cutting



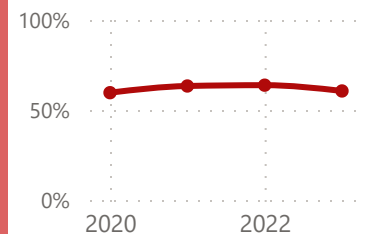
Engagement measures an individual's vigour, dedication and absorption in relation to their work. Engagement has fallen steadily since 2020.

- 5.39%
Engagement since 2020



Work-Family Conflict measures the impact that work demands have on family and home life, including duties at home. Around three in five university staff report work conflicting with family and home life. For women and academic respondents, Work-Family Conflict is notably higher.

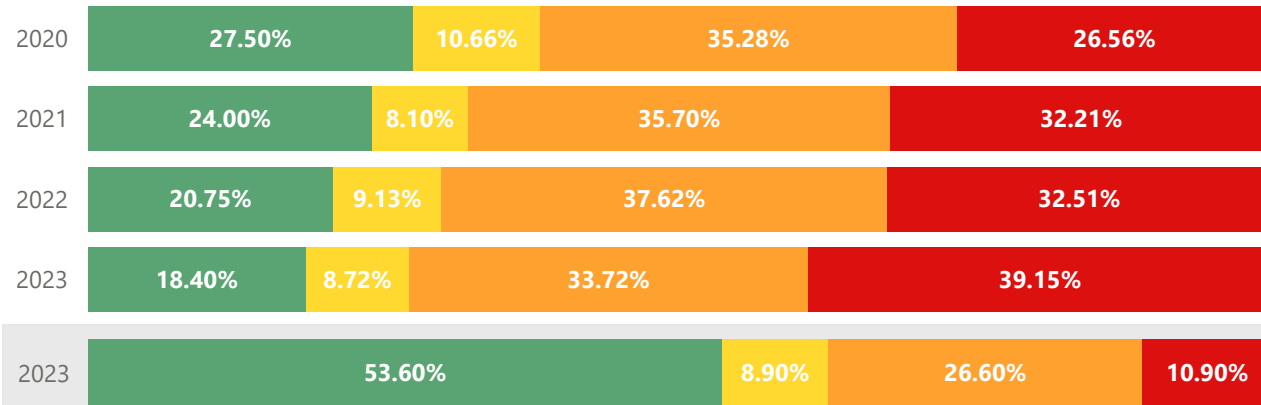
61.74%
Having High Work Life Conflict



Psychosocial Safety Climate (PSC) refers to the organisational climate for worker psychosocial protection. Against 2023 Australian benchmarks, **the PSC scores for the sector are poor and deteriorating**. The data for all participants, as well as those who participated in all four waves, are given below. For a more detailed summary and citation of each of these scales, refer to the scale summary pages. PSC risk level benchmarking is cited in the appendix.

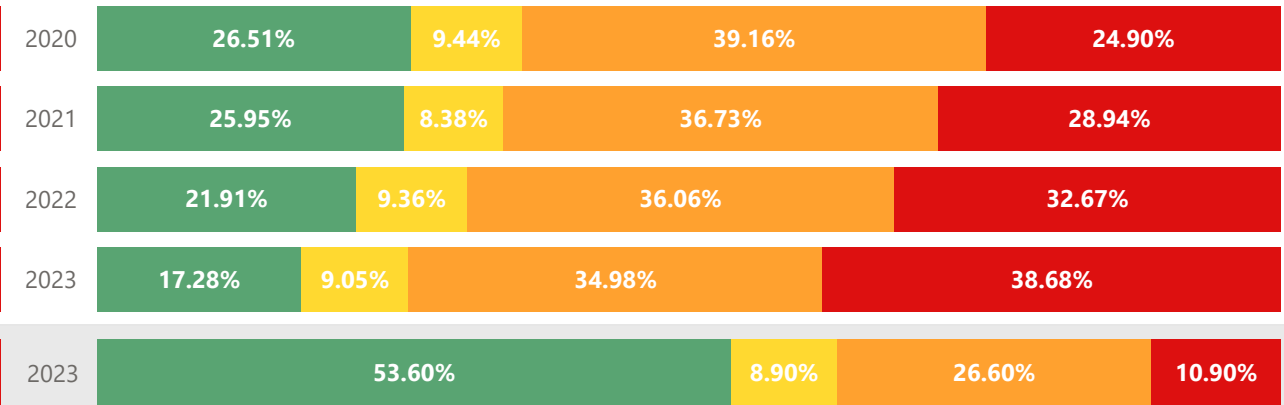
PSC Risk Proportions for All Participants

PSC Risk Level ● Low Risk PSC ● Medium Risk PSC ● High Risk PSC ● Very High Risk PSC



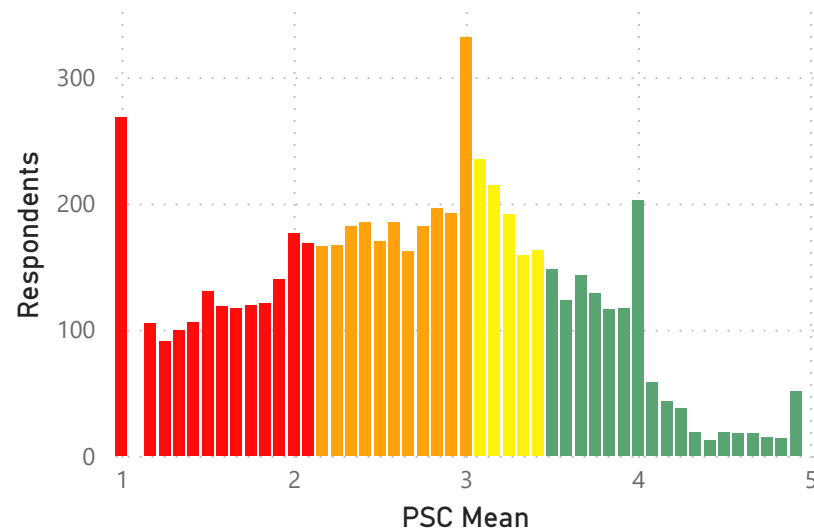
PSC Risk Proportions for 4-Wave Participants

PSC Risk Level ● Low Risk PSC ● Medium Risk PSC ● High Risk PSC ● Very High Risk PSC



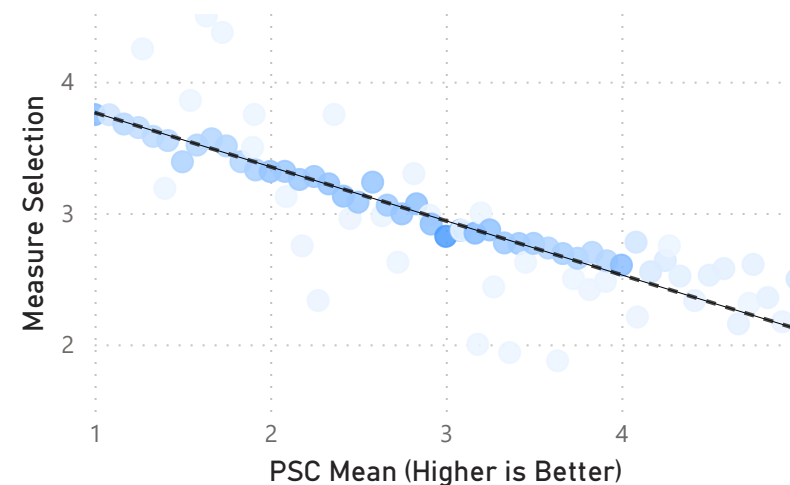
Australian National Benchmarks from 2023 Superfriend data (n = 10012)

Distribution of PSC Scores



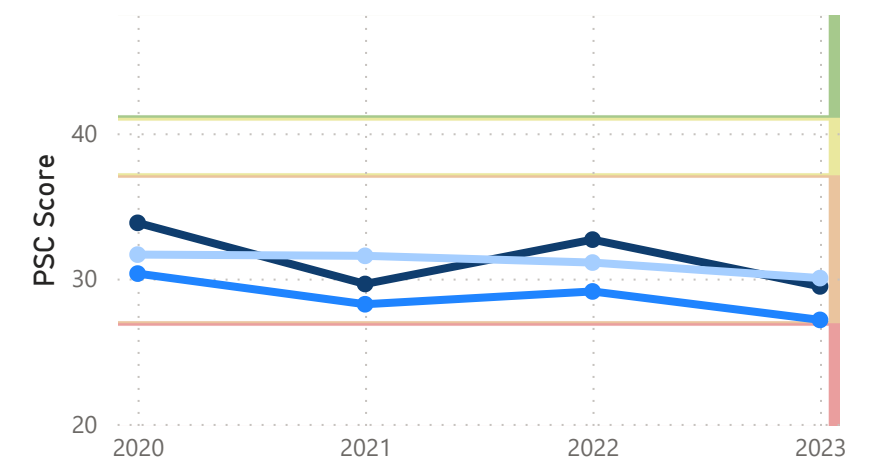
Emotional Exhaustion Mean

PSC and Outcome Relationship (Darker is Higher n)



PSC by Academic Role (Academics Only)

● Research only ● Teaching and research ● Teaching only



PSC benchmarking is further explored here, using the following datasets:

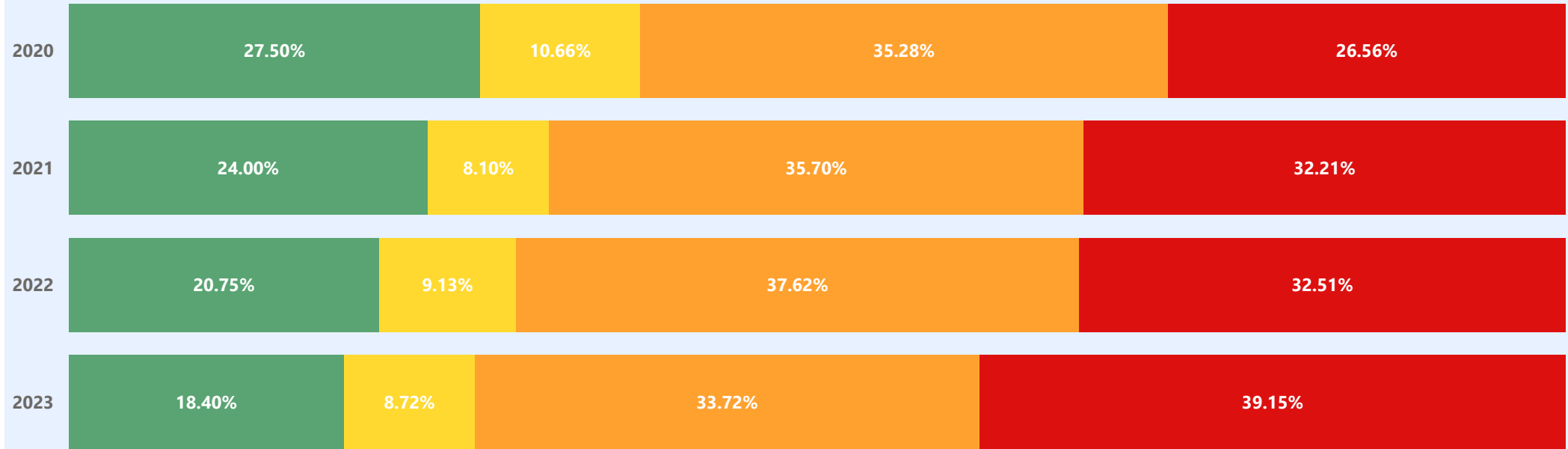
AWB: The Australian Workplace Barometer is a long-running project and has been measuring PSC since 2009. These benchmarks are taken from 2021's sample of 1 599 Australian workers.

SuperFriend: SuperFriend's survey of 10 012 Australian workers measured PSC in 2023, representing the latest large PSC sample for Australia.

Victorian Public Sector: The VPS survey of 45 956 staff provides a very large sample of public sector workers.

University PSC Risk Proportions for All Participants

PSC Risk Level ● Low Risk PSC ● Medium Risk PSC ● High Risk PSC ● Very High Risk PSC



AWB National Sample 2021



SuperFriend National Data 2023



Victorian Public Sector 2020



A key takeaway from these charts is the **increase in very high level exhaustion and decrease in the highest engagement levels** over time.

The figures titled "**4-Wave Participants**" are only those who completed the survey every year. It shows that, in their experience of working in the sector in the past 4 years, their conditions and outcomes have worsened, reflected in rising emotional exhaustion and falling engagement.

The questions asked in the **emotional exhaustion** scale relate directly to exhaustion related to work and working conditions. An example statement is "At the end of my working day, I feel mentally exhausted and drained."

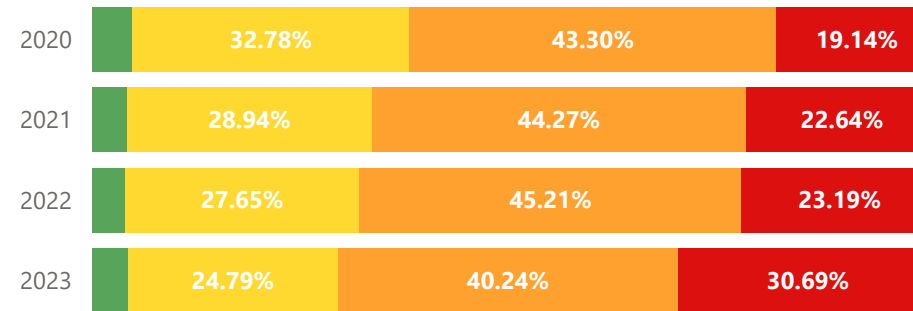
While many factors may influence **psychological distress**, it is commonly associated with work conditions. The questions ask about an individual's experience of various symptoms of distress, including feelings of hopelessness, depression and nervousness.

Engagement measures the extent to which workers are connected and energetic in their work activities. An example item is "I am enthusiastic about my job". Scores relate to their average response on a 1 - 7 scale, where higher is more engaged.

Benchmarking for emotional exhaustion and psychological distress is cited in the appendix. For a more detailed summary and citation of each of these scales, refer to the scale summary pages.

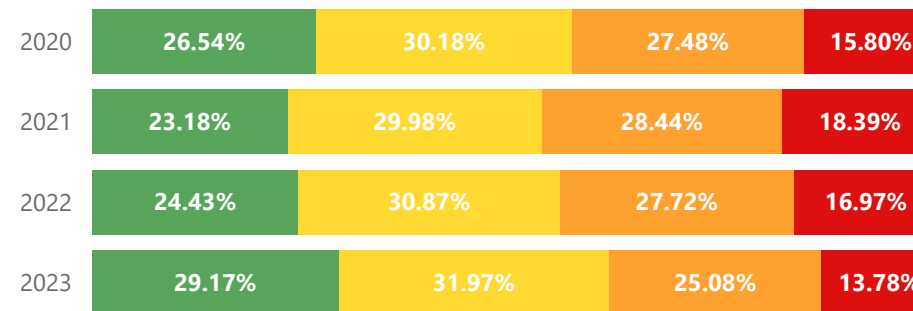
Emotional Exhaustion Levels for All Participants

● Low Exhaustion ● Average Exhaustion ● High Exhaustion ● Very High Exhaustion



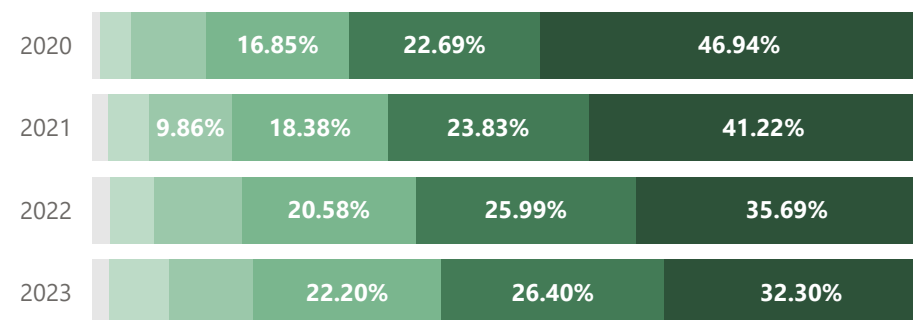
Psychological Distress Levels for All Participants

● Low Distress ● Moderate Distress ● High Distress ● Very High Distress



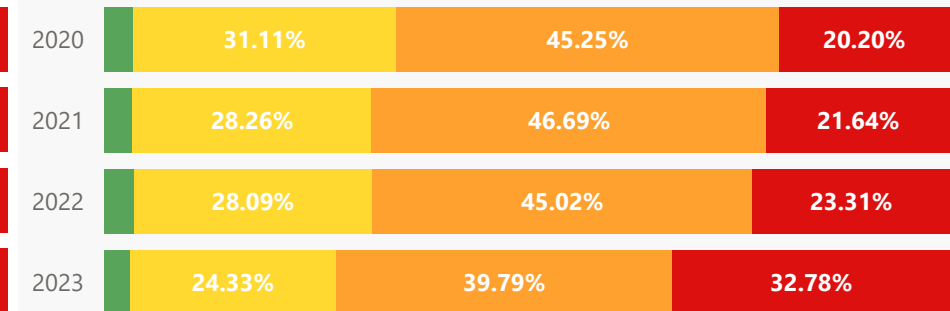
Engagement for All Participants

● 1-2 ● 2-3 ● 3-4 ● 4-5 ● 5-6 ● 6-7



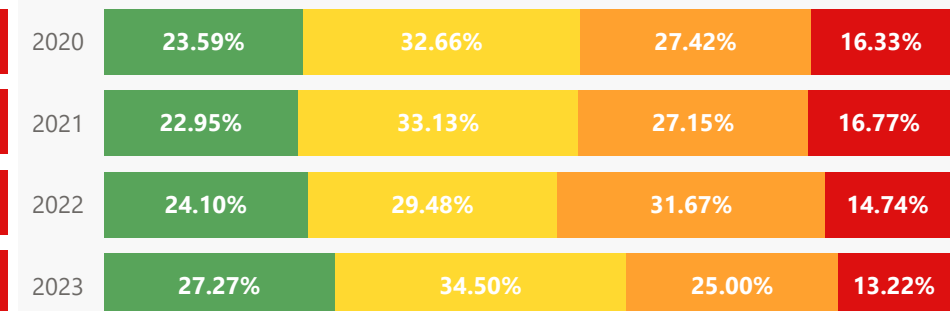
Emotional Exhaustion Levels for 4-Wave Participants

● Low Exhaustion ● Average Exhaustion ● High Exhaustion ● Very High Exhaustion



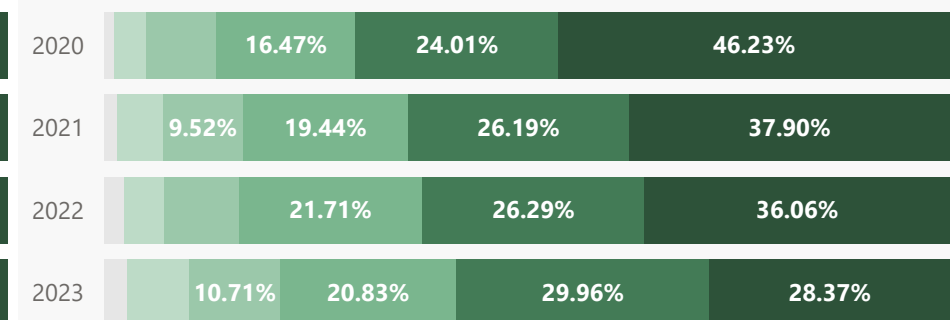
Psychological Distress Levels for 4-Wave Participants

● Low Distress ● Moderate Distress ● High Distress ● Very High Distress



Engagement for 4-Wave Participants

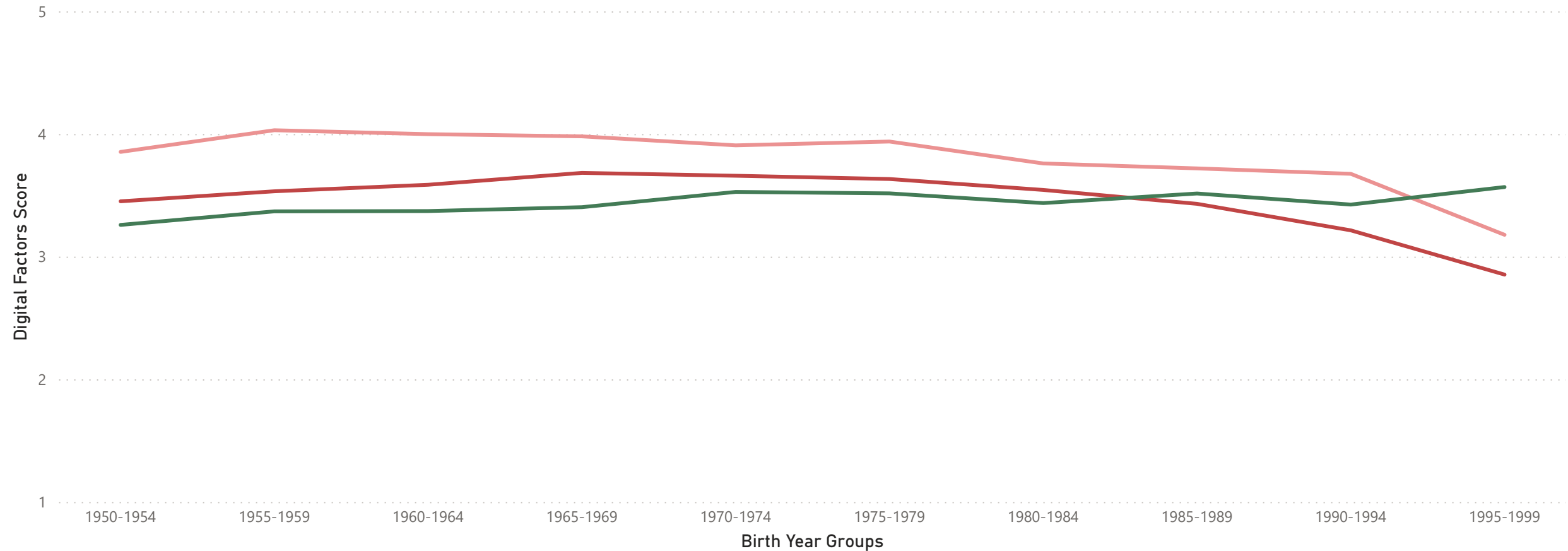
● 1-2 ● 2-3 ● 3-4 ● 4-5 ● 5-6 ● 6-7



Universities have become increasingly reliant on technology for work. Digital demands relate to the pressures and difficulties in using and interfacing with digital technologies. Digital communication overload assesses the level of digital messaging (e.g. emails). Digital resources reflect the institutional support regarding communication technology, as well as the positive impact it has on work. In general, older participants experience greater digital communication overload and digital demands, and lower digital resources. For a more detailed summary and citation of each of these scales, refer to the scale summary pages.

Digital Factors

● Digital Demands ● Digital Communication Overload ● Digital Resources

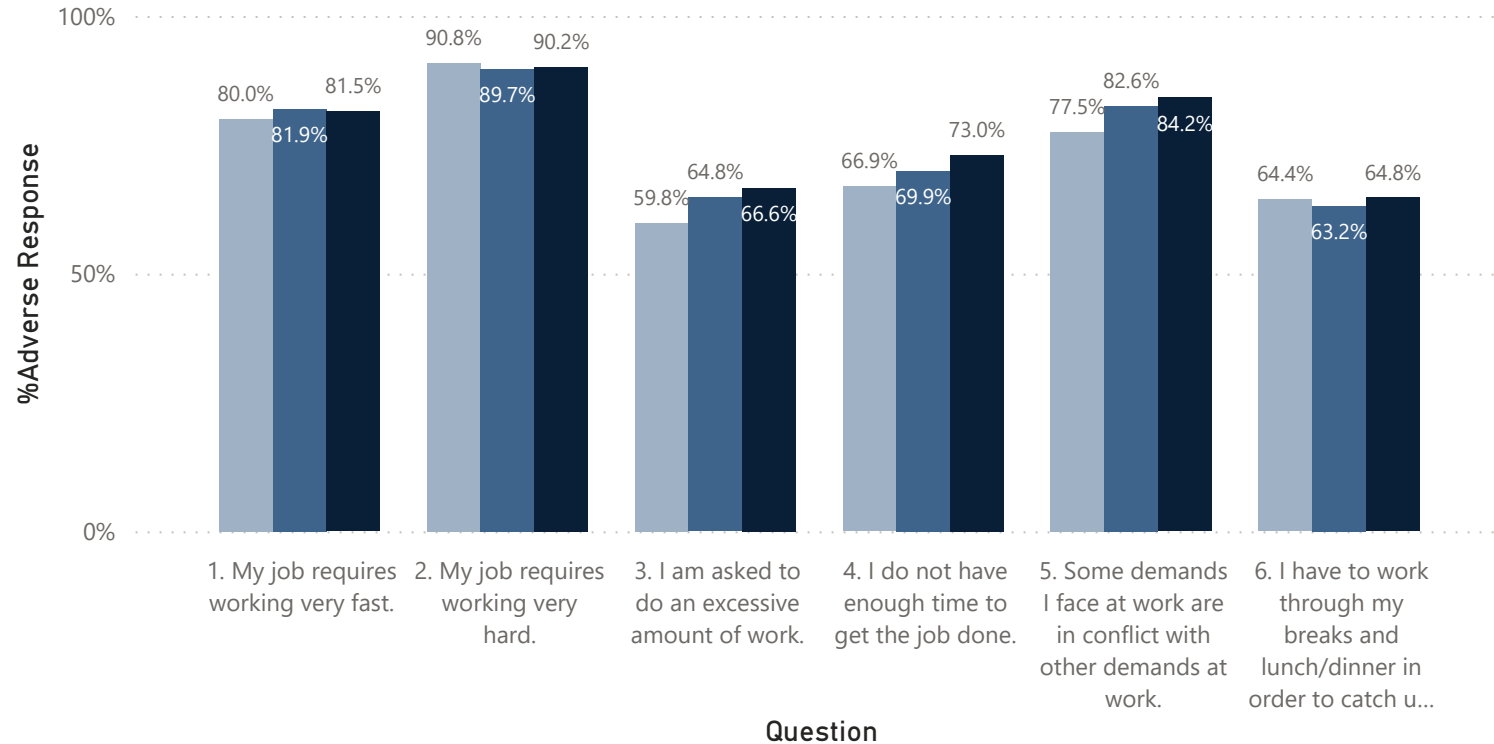


The percentage of participants who agreed or strongly agreed to individual work pressure questions are given below. The results show that regardless of year, university staff find themselves feeling significant work pressure.

For a more detailed summary and citation of each of these scales, refer to the scale summary pages.

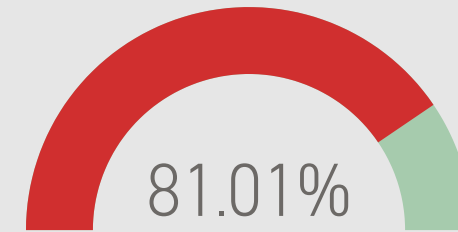
Work Pressure by Year

Year ● 2020 ● 2021 ● 2022

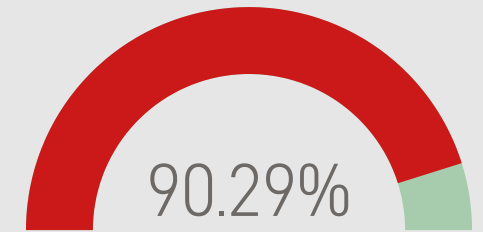


■ - Percentage agree (Agree + Strongly Agree)

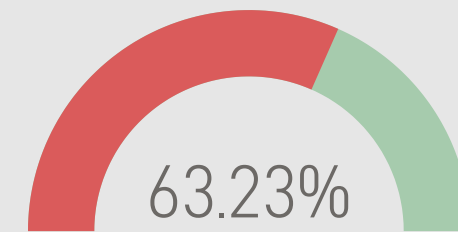
1. My job requires working very fast.



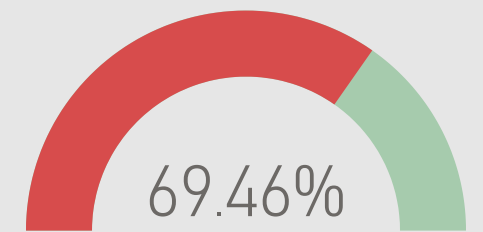
2. My job requires working very hard.



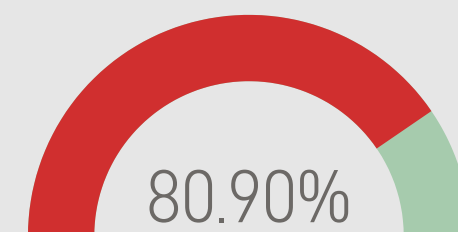
3. I am asked to do an excessive amount of work.



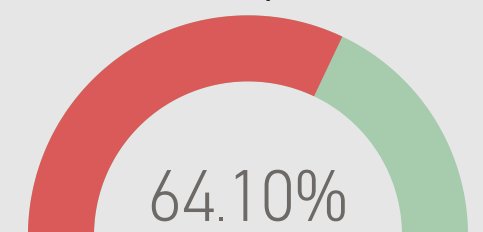
4. I do not have enough time to get the job done.



5. Some demands I face at work are in conflict with other demands at work.



6. I have to work through my breaks and lunch/dinner in order to catch up at work.



University Affiliation & PSC

The graphs below show measures by university affiliation. Benchmarked areas for PSC and emotional exhaustion are colour-coded. Group affiliation and PSC & emotional exhaustion benchmarking is cited in the appendix.

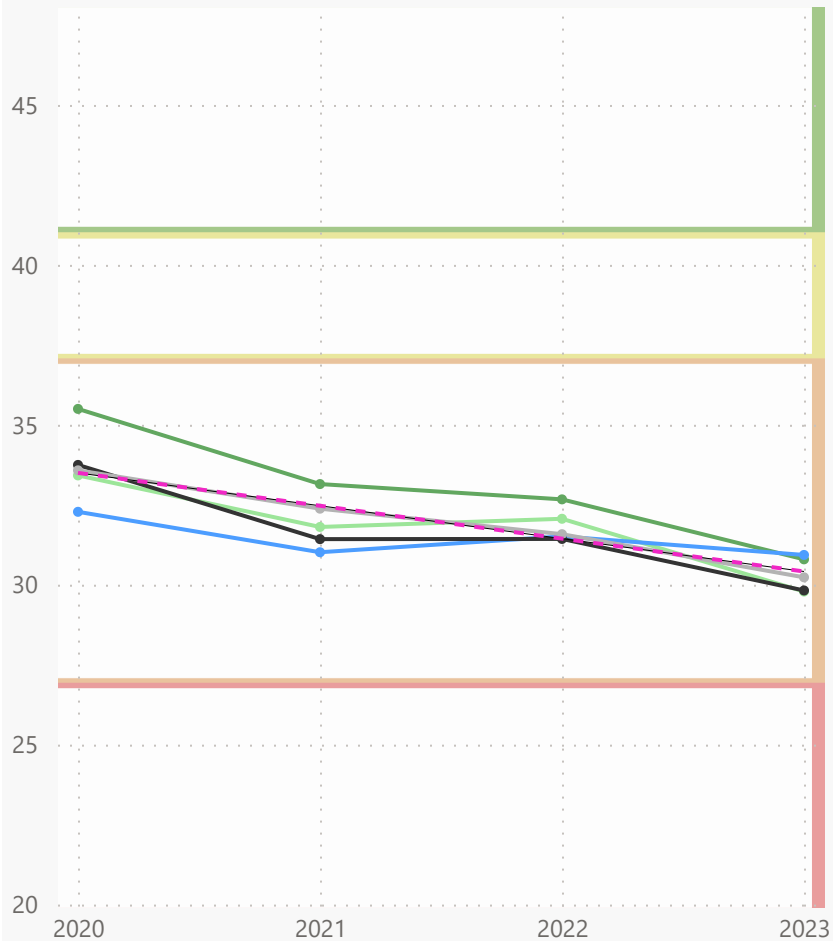
PSC Risk Level or Exhaustion Level

Low Moderate High Very High

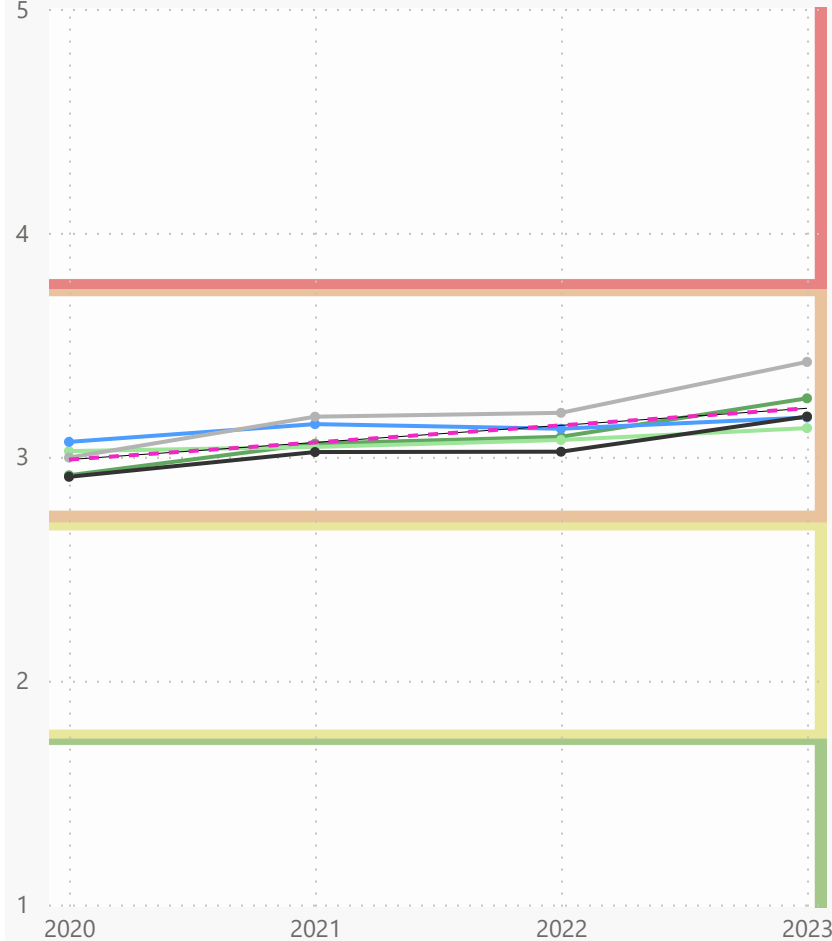
● Australian Technology Network ● Group of 8 ● Innovative Research Universities ● Other or Unaffiliated Universities ● Regional Universities Network

University Group Count	2020	2021	2022	2023
Australian Technology Network	401	329	259	195
Group of 8	483	379	313	231
Innovative Research Universities	327	264	209	151
Other or Unaffiliated Universities	645	438	366	263
Regional Universities Network	335	317	226	160

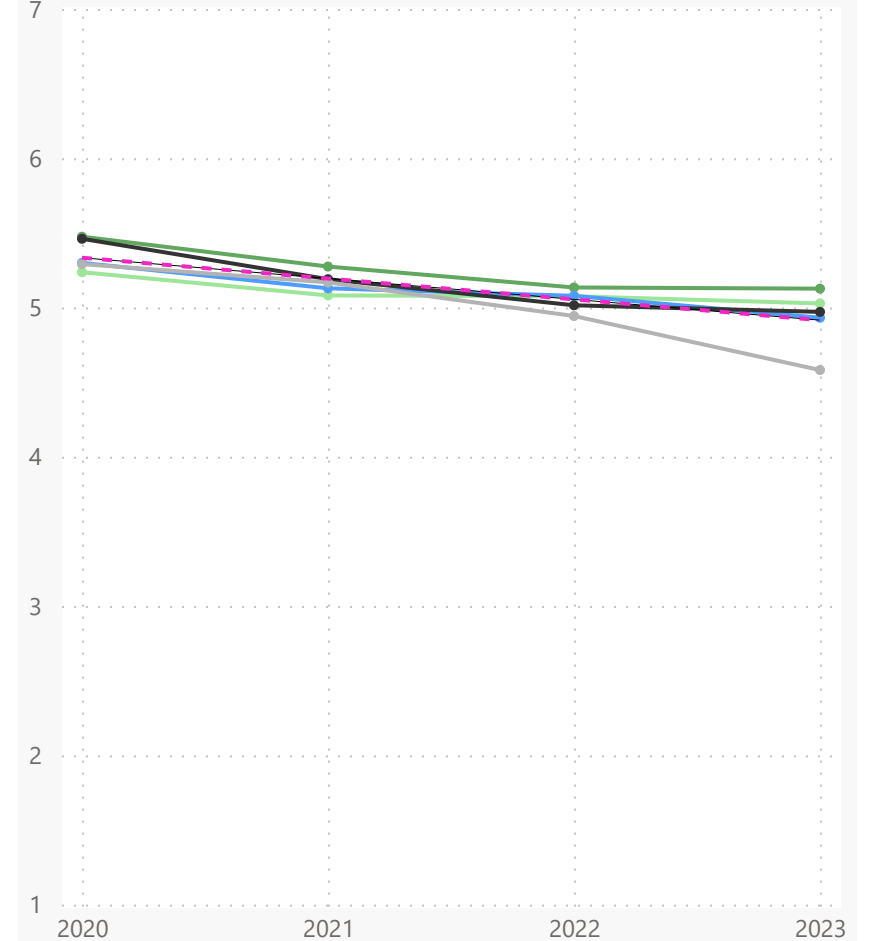
PSC Score



Emotional Exhaustion



Engagement



Job Security

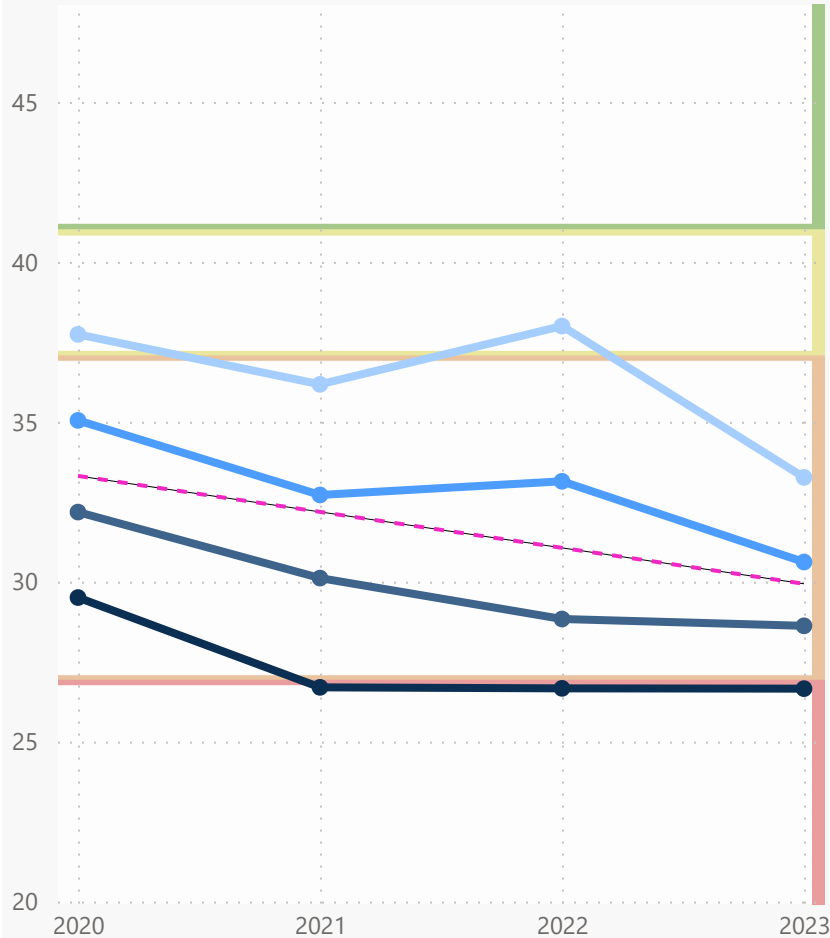
Participants were asked to evaluate their job security. For each year, the PSC, emotional exhaustion and work engagement scores, according to job security, are reported below. In general, higher job security is associated with better PSC scores, lower emotional exhaustion and higher engagement. PSC and emotional exhaustion benchmarking is cited in the appendix.

My job security is poor.	2020	2021	2022	2023
Strongly Agree	15%	15%	10%	12%
Agree	29%	28%	27%	21%
Disagree	43%	42%	45%	48%
Strongly Disagree	13%	15%	18%	19%

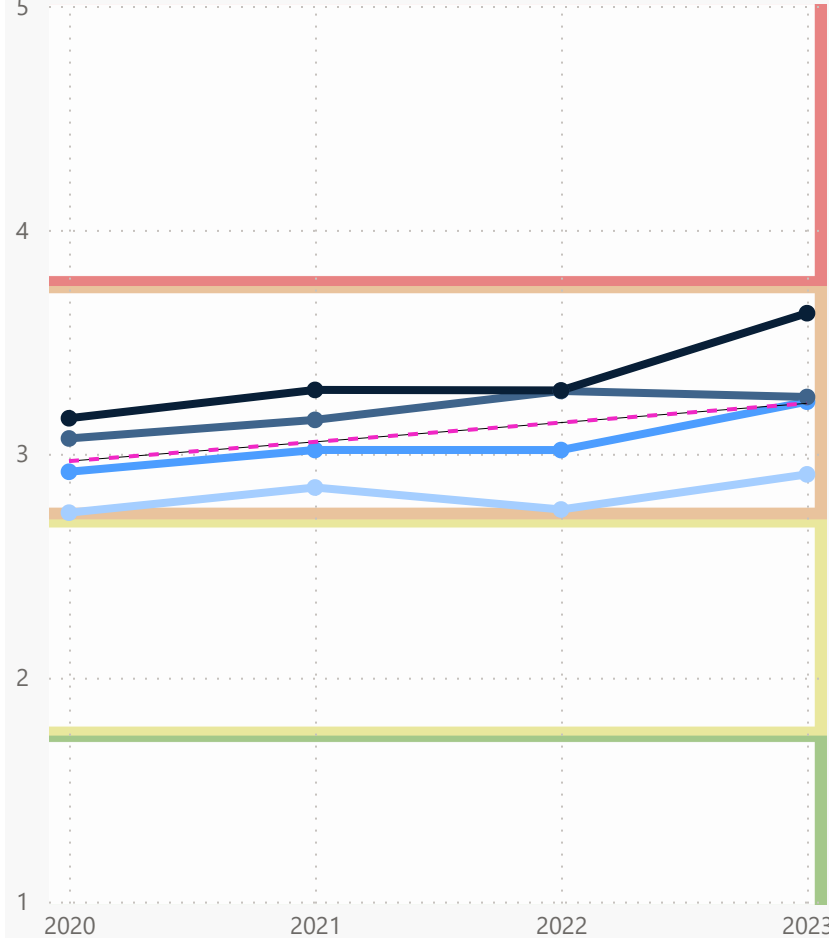
PSC Risk Levels Exhaustion Level
Low Moderate High Very High

My job security is poor: ● Strongly Disagree ● Disagree ● Agree ● Strongly Agree

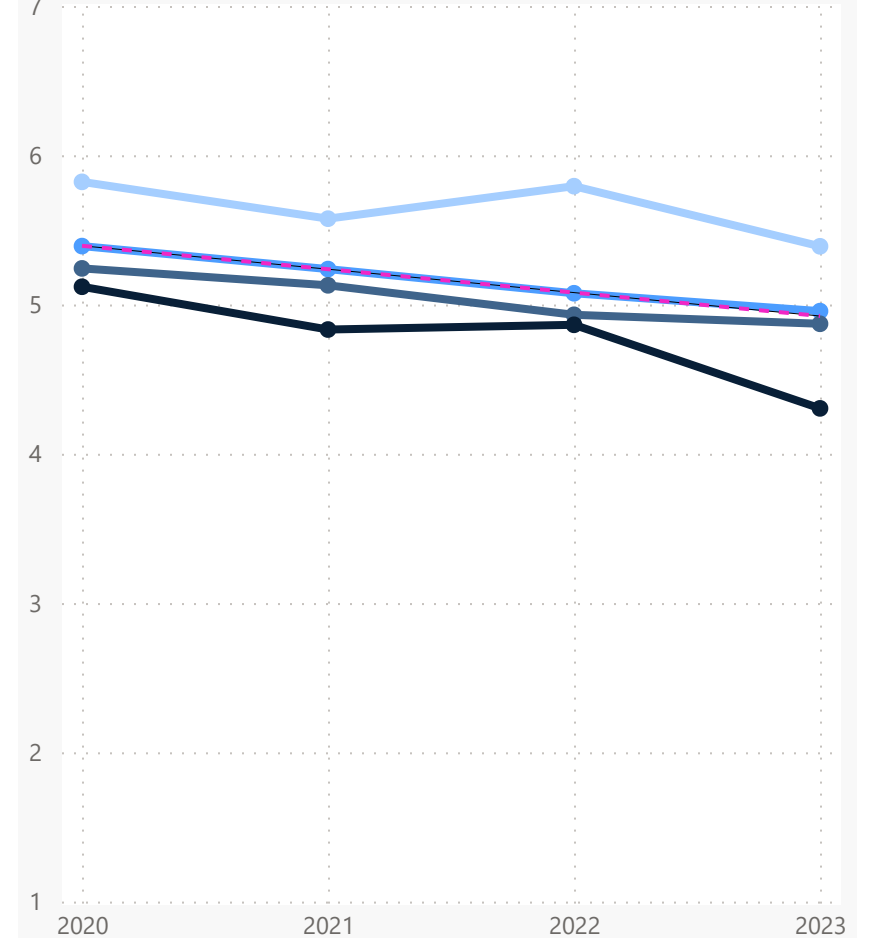
PSC Score



Emotional Exhaustion



Engagement



Employment Type

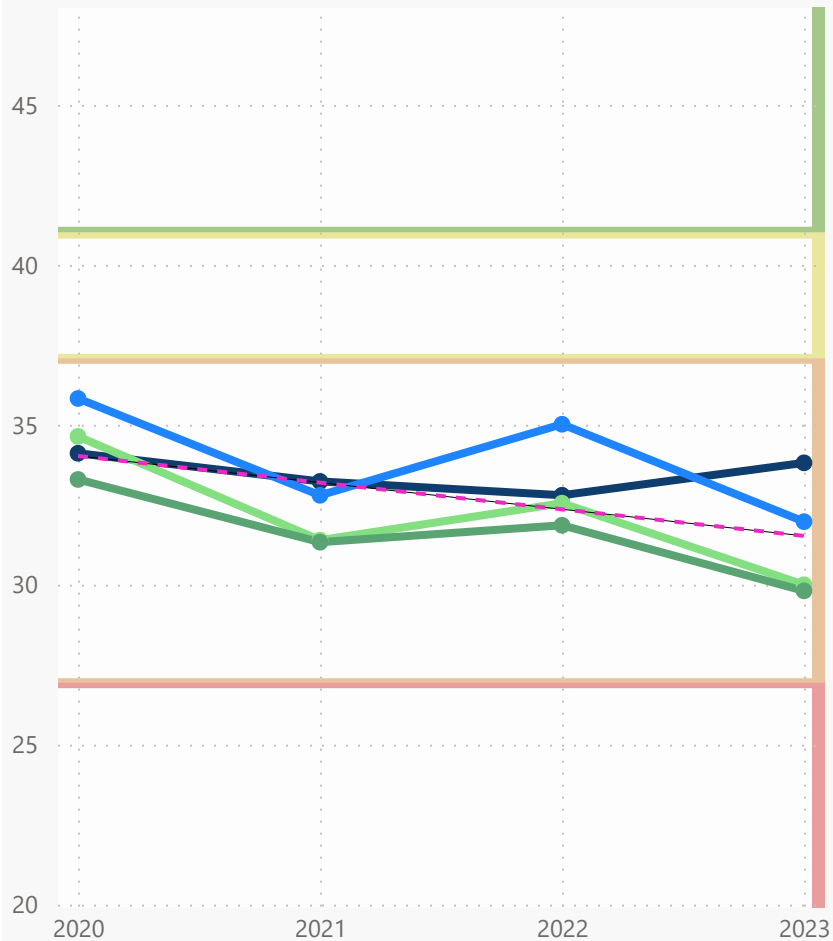
Participants were asked their employment type. These graphs summarise average measure score for each time. In general, permanent staff reported worse outcomes. It is noted that the survey included only a small proportion of non-continuing staff. PSC and emotional exhaustion benchmarking is cited in the appendix.

Employment Status	2020	2021	2022	2023
Permanent/Conti...	73.8%	76.0%	81.7%	82.6%
Fixed term (less t...	6.2%	4.4%	3.6%	2.3%
Fixed term (great...	11.3%	11.7%	9.2%	9.4%
Casual	8.7%	7.9%	5.5%	5.7%

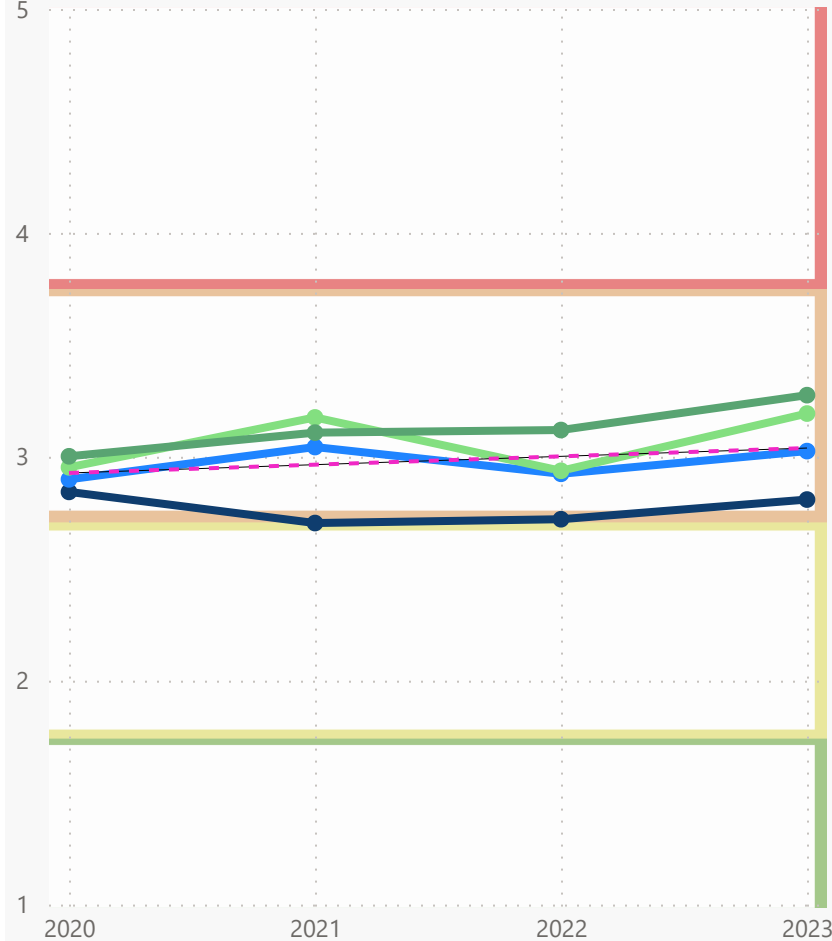
PSC Risk Levels Exhaustion Level
 Low Moderate High Very High

Employment Type ● Casual ● Fixed term (greater than 12 months) ● Fixed term (less than 12 months) ● Permanent/Continuing

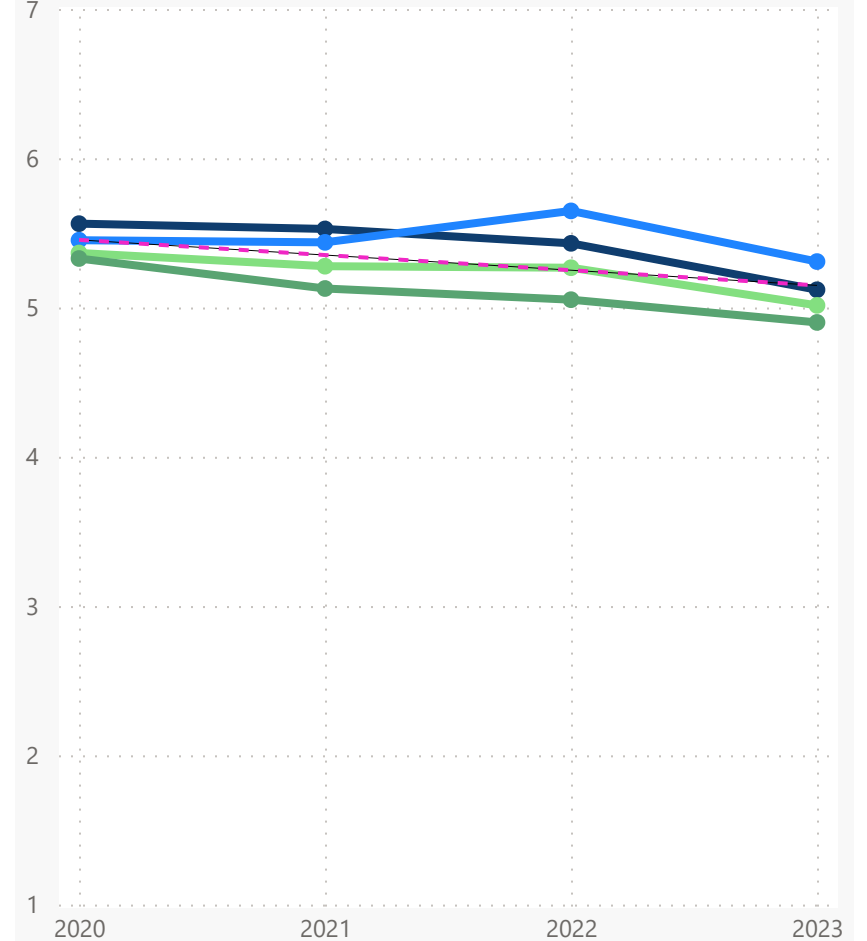
PSC Score



Emotional Exhaustion



Engagement



The survey included questions related to bullying and harassment via electronic means, as part of grappling with aspects of digital communication. Participants were asked about the frequency and source of bullying and harassment in 2020.

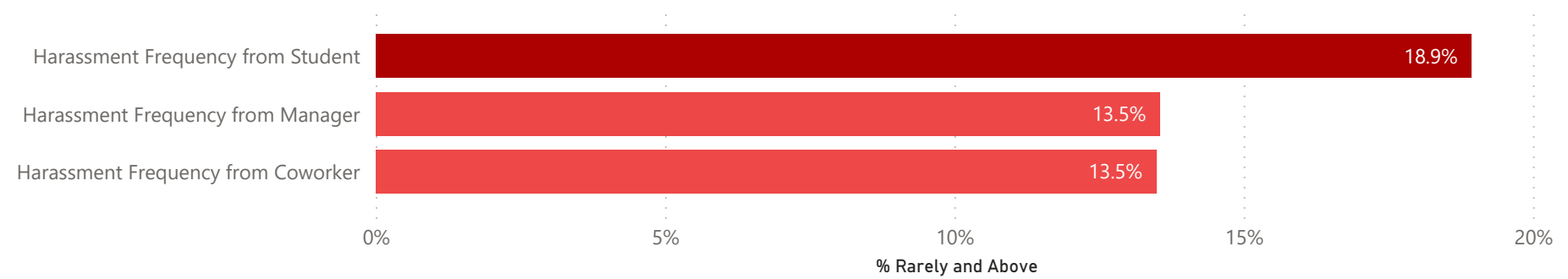
Bullying statistics were broken down into male and female experiences to compare differences in the source of bullying.

Participants were asked "How often have you experienced workplace harassment (e.g. due to gender, ethnicity, age, or sexual orientation) via digital communication (e.g. email, social media, electronic feedback) overall from managers, coworkers and students during the last six months?" with the response options "Very rarely/never", "Rarely", "Sometimes", "Often", "Very often/always". The graphs detailing harassment show answers of "Rarely" and above (excluding "Very rarely/never") and indicate students as the most common source of digital harassment.

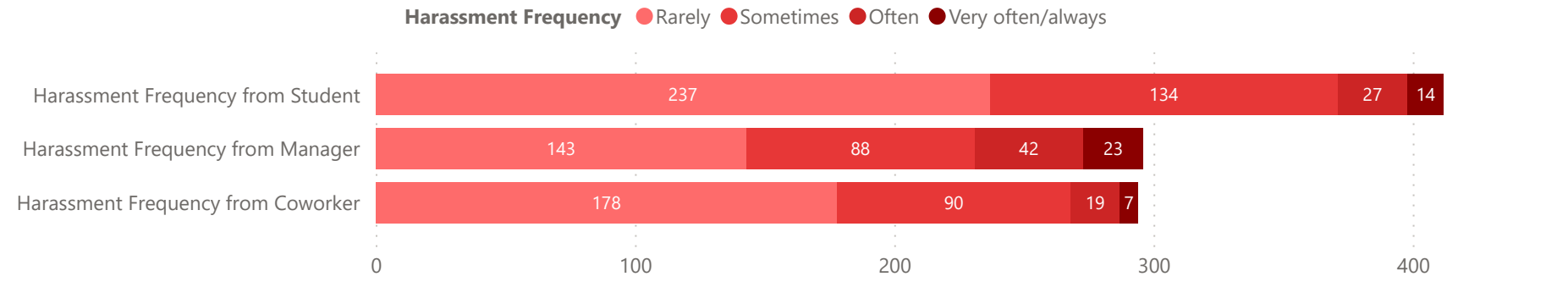
Participants were also asked "Have you been subjected to bullying in your workplace via digital communication during the last six months?" and by whom. The results indicate that around 10% of respondents were bullied by a manager, with slightly more males experiencing digital bullying by managers. Females respondents were, however, more likely to be bullied by students and coworkers.

The number of responses was 2191.

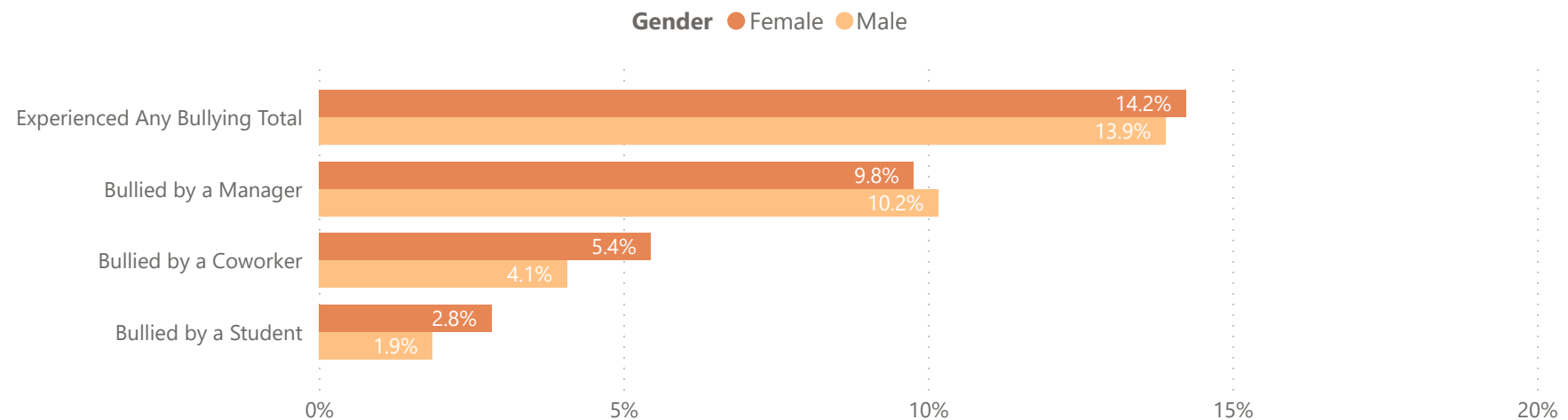
Harassment via Digital Communication Frequency (Rarely and Above)



Harassment Severity (Rarely and Above)



Percent of Staff Bullied via Digital Communication in 2020



Items by Concern

The individual questions are ranked below according to the most to least negatively answered (i.e. a higher adverse response indicates a worse outcome for staff). The questionnaire scale (or domain) is highlighted in the proportion bar. The top 25 questions are listed.

Adverse Response % 0.00%  100.00%



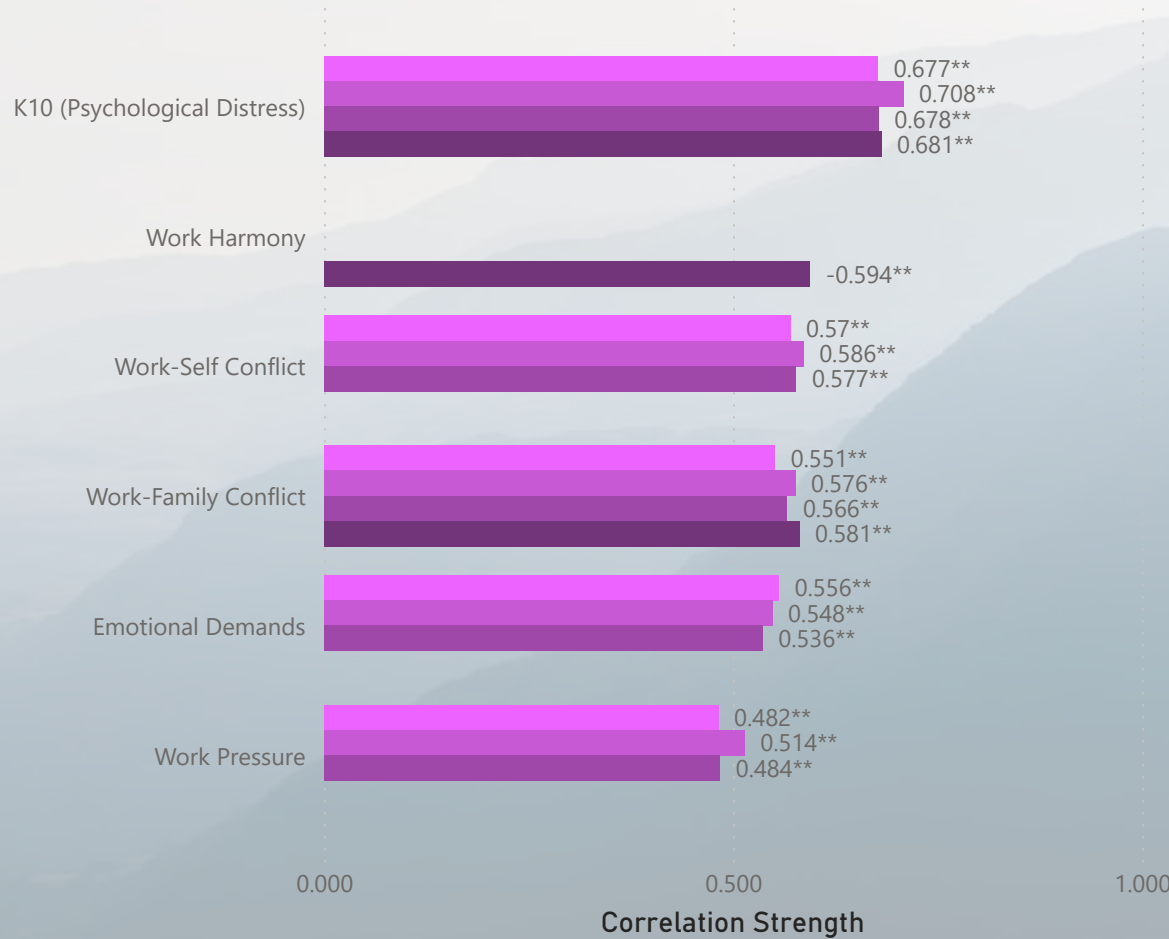
Emotional Exhaustion Correlations

Summaries of correlations with emotional exhaustion are presented below. Emotional exhaustion is a key measure of staff wellbeing. Relationships are presented and ordered by their absolute relationship and labelled by their directional relationship.

Table Key:
 ▲ = Positive Relationship
 ▼ = Negative Relationship
 ■ = Strong correlation (**, $p < 0.01$)
 ■ = Correlation (*, $p < 0.05$)
 ■ = No relation (N.S., $p > 0.05$)

Top 6 Correlations with Emotional Exhaustion (Shown as Absolute Numbers)

● 2020 ● 2021 ● 2022 ● 2023



PSC Measures	2020	2021	2022	2023
PSC12 (Organisational Level)	▼ 0.419	▼ 0.392	▼ 0.429	▼ 0.421
PSC4 School	▼ 0.380	▼ 0.319	▼ 0.370	▼ 0.323
PSC4 Team	▼ 0.323			

Top 9 Stressor Measures	2020	2021	2022	2023
Work Harmony				▼ 0.594
Emotional Demands	▲ 0.556	▲ 0.548	▲ 0.536	
Work Pressure	▲ 0.482	▲ 0.514	▲ 0.484	
Digital Communication Overload	▲ 0.397	▲ 0.458	▲ 0.391	▲ 0.408
Email Overload	▲ 0.409	▲ 0.426	▲ 0.404	
Employee Voice				▼ 0.413
Team Psychological Safety				▼ 0.375
Restructure Items from AWB				▲ 0.370
Digital Demands	▲ 0.359	▲ 0.383	▲ 0.312	▲ 0.373

Top 9 Outcome Measures	2020	2021	2022	2023
K10 (Psychological Distress)	▲ 0.677	▲ 0.708	▲ 0.678	▲ 0.681
Work-Self Conflict	▲ 0.570	▲ 0.586	▲ 0.577	
Work-Family Conflict	▲ 0.551	▲ 0.576	▲ 0.566	▲ 0.581
Sleep Satisfaction Total	▼ 0.521	▼ 0.476	▼ 0.472	▼ 0.460
Engagement	▼ 0.420	▼ 0.452	▼ 0.483	▼ 0.529
Detachment	▼ 0.383	▼ 0.370	▼ 0.365	▼ 0.435
Physical Health Problems	▲ 0.350	▲ 0.353	▲ 0.309	▲ 0.302
Self-Undermining	▲ 0.328			
Sleep Deprivation Total	▼ 0.251	▼ 0.260	▼ 0.265	▼ 0.283

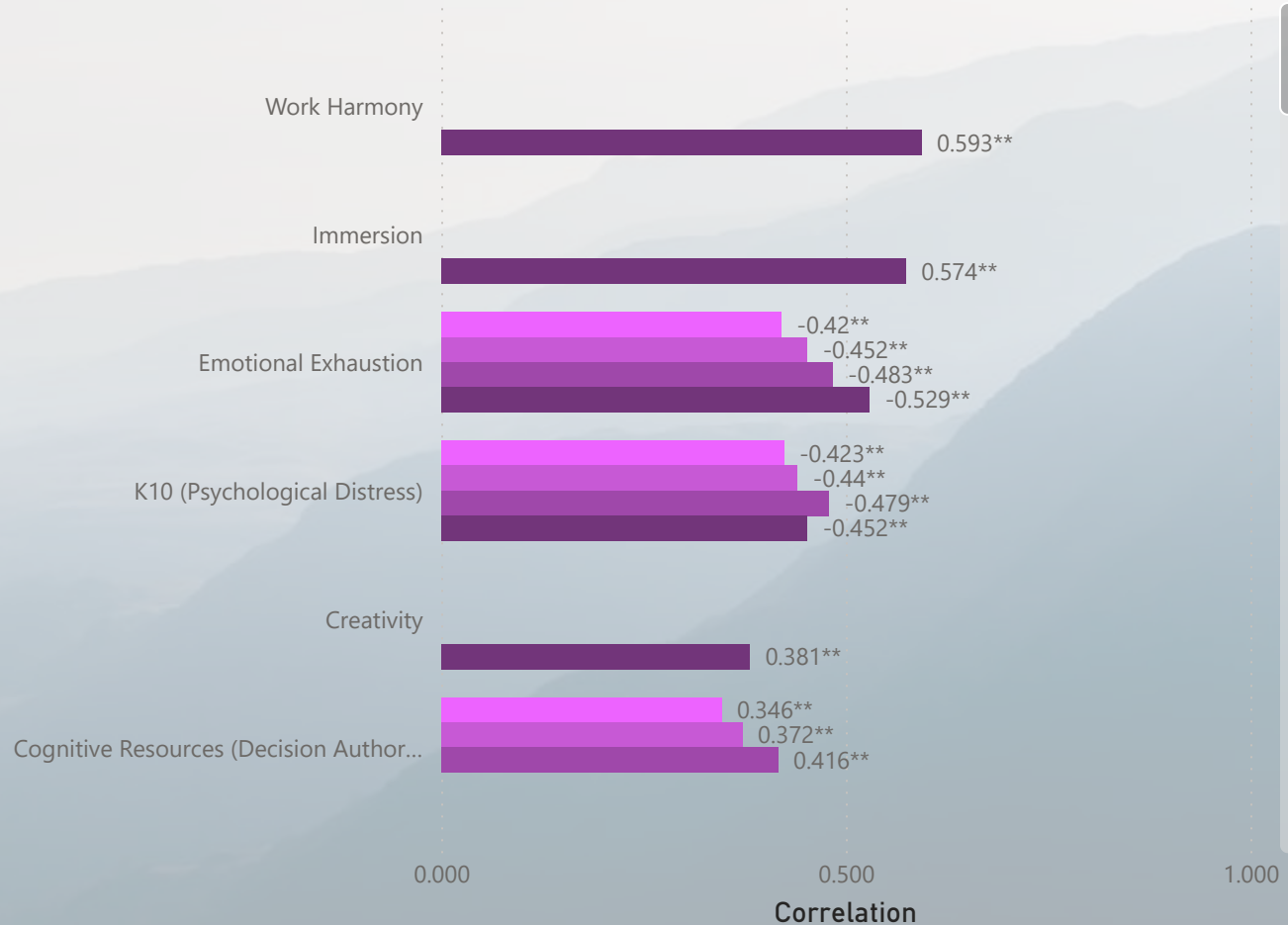
Engagement Correlations

Summaries of correlations with engagement are presented below. Engagement is a key outcome measure. Relationships are presented and ordered by their absolute relationship and labelled by their directional relationship.

Table Key:
 ▲ = Positive Relationship
 ▼ = Negative Relationship
 ■ = Strong correlation (**, p < 0.01)
 ■ = Correlation (*, p < 0.05)
 ■ = No relation (N.S., p > 0.05)

Top 6 Correlations with Engagement (Shown as Absolute Numbers)

● 2020 ● 2021 ● 2022 ● 2023



PSC Measures	2020	2021	2022	2023
PSC12 (Organisational Level)	▲ 0.368	▲ 0.353	▲ 0.375	▲ 0.399
PSC4 School	▲ 0.342	▲ 0.322	▲ 0.350	▲ 0.343
PSC4 Team	▲ 0.298			

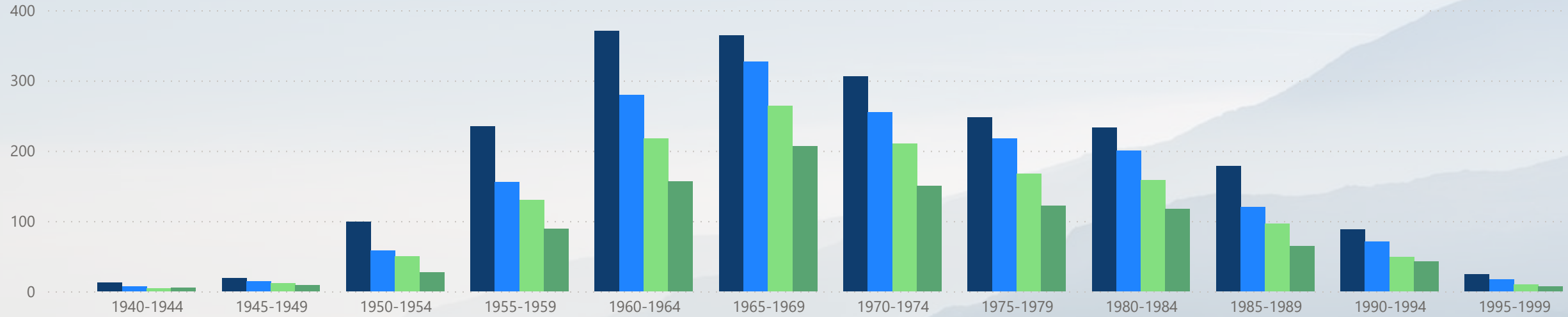
Top 9 Stressor Measures	2020	2021	2022	2023
Work Harmony				▲ 0.593
Cognitive Resources (Decision Authority)	▲ 0.346	▲ 0.372	▲ 0.416	
Team Psychological Safety				▲ 0.372
Employee Voice				▲ 0.353
Restructure Items from AWB				▼ 0.341
Digital Resources using T1 - T3 variables only (...)	▲ 0.283	▲ 0.303	▲ 0.354	▲ 0.354
Emotional Resources	▲ 0.300	▲ 0.321	▲ 0.327	
HR Policy	▲ 0.264			▲ 0.322
Procedural Justice	▲ 0.292			

Top 9 Outcome Measures	2020	2021	2022	2023
Immersion				▲ 0.574
Emotional Exhaustion	▼ 0.420	▼ 0.452	▼ 0.483	▼ 0.529
K10 (Psychological Distress)	▼ 0.423	▼ 0.440	▼ 0.479	▼ 0.452
Creativity				▲ 0.381
Innovation				▲ 0.318
Sleep Satisfaction Total	▲ 0.266	▲ 0.286	▲ 0.252	▲ 0.210
Work-Self Conflict	▼ 0.241	▼ 0.235	▼ 0.263	
Work-Family Conflict	▼ 0.190	▼ 0.195	▼ 0.233	▼ 0.240
Seeking Challenges	▲ 0.219	▲ 0.212	▲ 0.209	▲ 0.203

Demographics

Count by Birth Year Groups and Year

Year ● 2020 ● 2021 ● 2022 ● 2023



Waves participated in	Individuals
Wave 1 Only	773
Wave 1, 2	218
Wave 1, 2, 3	304
Wave 1, 2, 3, 4	504
Wave 1, 2, 4	87
Wave 1, 3	137
Wave 1, 3, 4	85
Wave 1, 4	83
Wave 2 Only	269
Wave 2, 3	127
Wave 2, 3, 4	159
Wave 2, 4	59
Wave 3 Only	48
Wave 3, 4	9
Wave 4 Only	14
Total	2876

Employment Status	2020	2021	2022	2023	Total
Casual	191	107	31	56	385
Fixed term (greater than 12 months)	246	158	52	92	548
Fixed term (less than 12 months)	135	59	20	23	237
Honorary Appointment		13	8	16	37
Not Reported	6	363	802	1	1172
Permanent/Continuing	1613	1027	460	812	3912
Total	2191	1727	1373	1000	6291

Gender	2020	2021	2022	2023	Total
Female	1413	1141	956	630	4140
Male	590	447	393	268	1698
Not Reported	131	98	1	75	305
Other	57	41	23	27	148
Total	2191	1727	1373	1000	6291

Work Role	2020	2021	2022	2023	Total
Academic Staff Member	1172	952	754	578	3456
Professional Staff Member	1018	758	591	422	2789
Not Recorded	1	17	28		46
Total	2191	1727	1373	1000	6291

Next Section: Measure Breakdowns

The following pages are detailed breakdowns of each of the measures included in the survey.

Scale averages are an average of each of the item scores. The scale total is the sum of each item.

Note:

In the circumstance where a scale (such as Cognitive Resources) has:

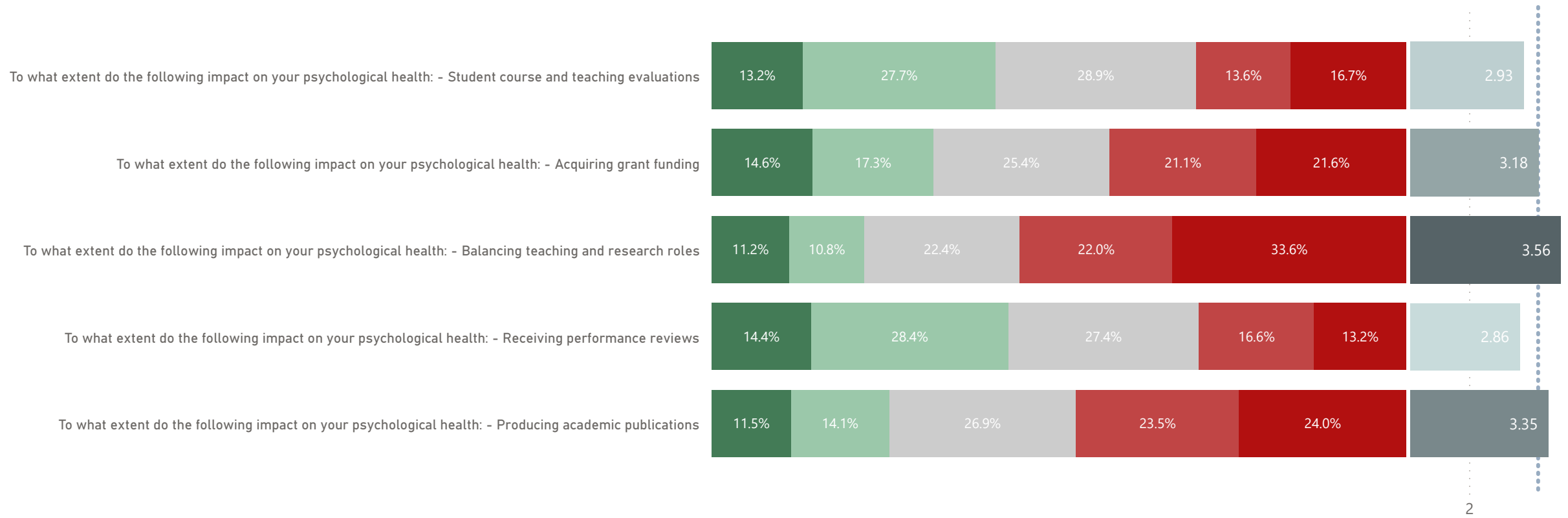
- > 2 questions where a higher score indicates more Cognitive Resources;
- > 1 question where a higher score indicates less Cognitive Resources;

The single question's results were reversed when taking the scale average and total, so that a higher score indicates more Cognitive Resources as a whole. Those relevant domains are Cognitive Resources, Digital Communication Overload, Restructuring and Team Psychological Safety.

Academic Pressure

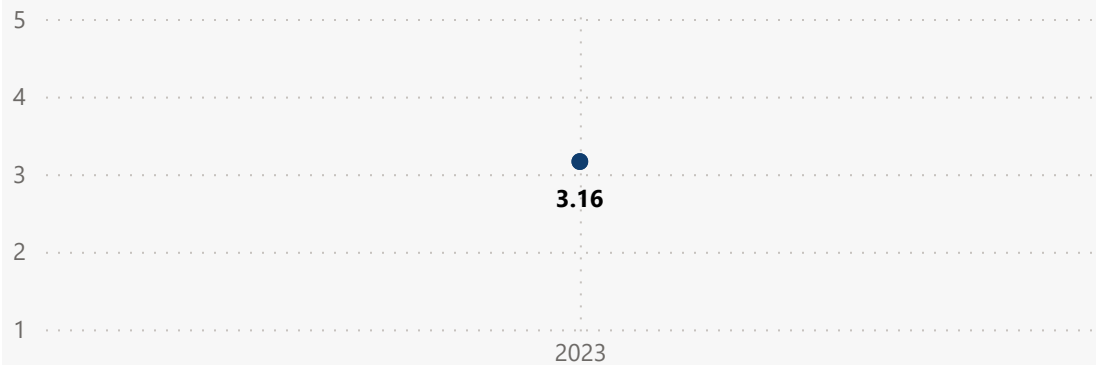
Response ● Not at all ● To a small extent ● To a moderate extent ● To a great extent ● To a very great extent

Average Score Per Item



Average by Year and Work Role

● Academic Staff



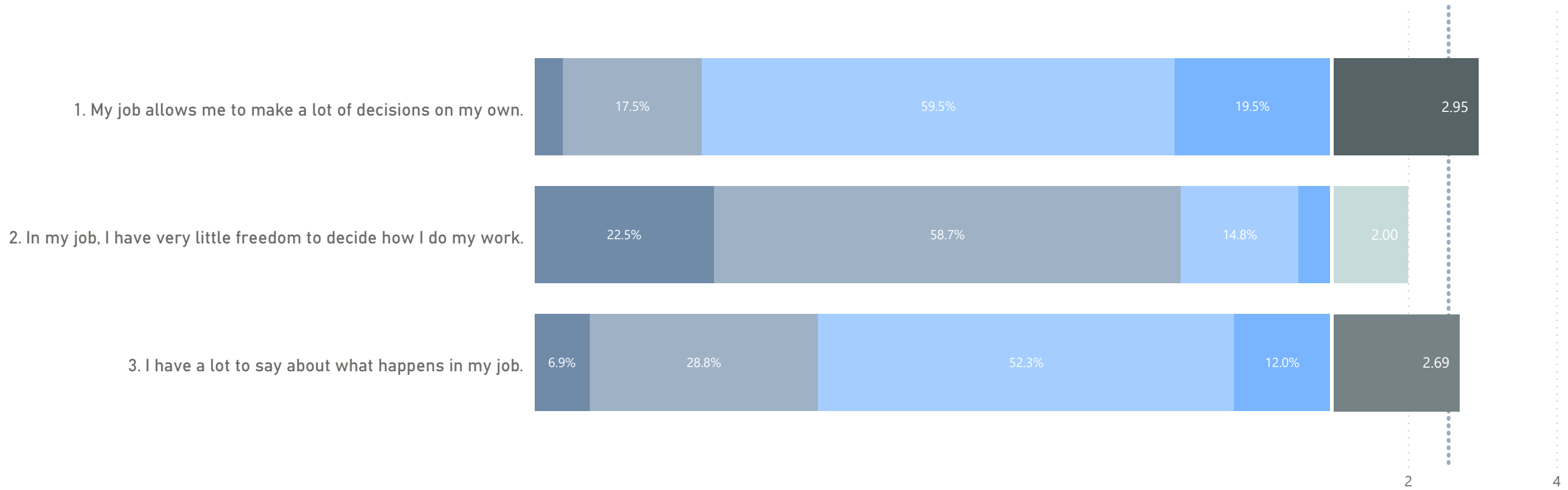
Academic Pressure measures the extent to which certain parts of academic job design impacts on psychological health.

Sample	Scale Average	Scale
571	3.16	1 - 5
	Scale Total	
	15.81	

Cognitive Resources

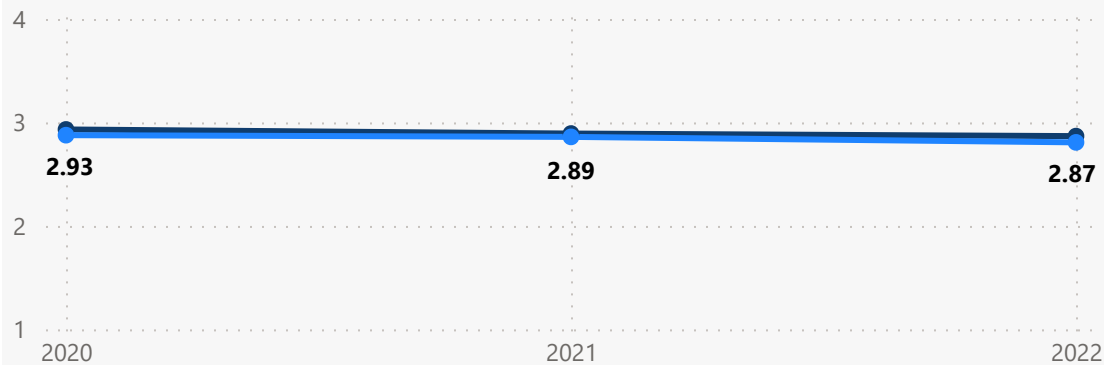
Response ● Strongly disagree ● Disagree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Cognitive Resources or Decision Authority refers to the ability for workers to exercise decision-making freedom or autonomy over work.

Karasek, R. A., Brisson, C., Kawakami, N., Houtman, I., Bongers, P., & Amick, B. (1998). The job content questionnaire (JCQ): An instrument for internationally comparative assessment of psychosocial job characteristics. *Journal of Occupational Health Psychology*, 3, 322–355.

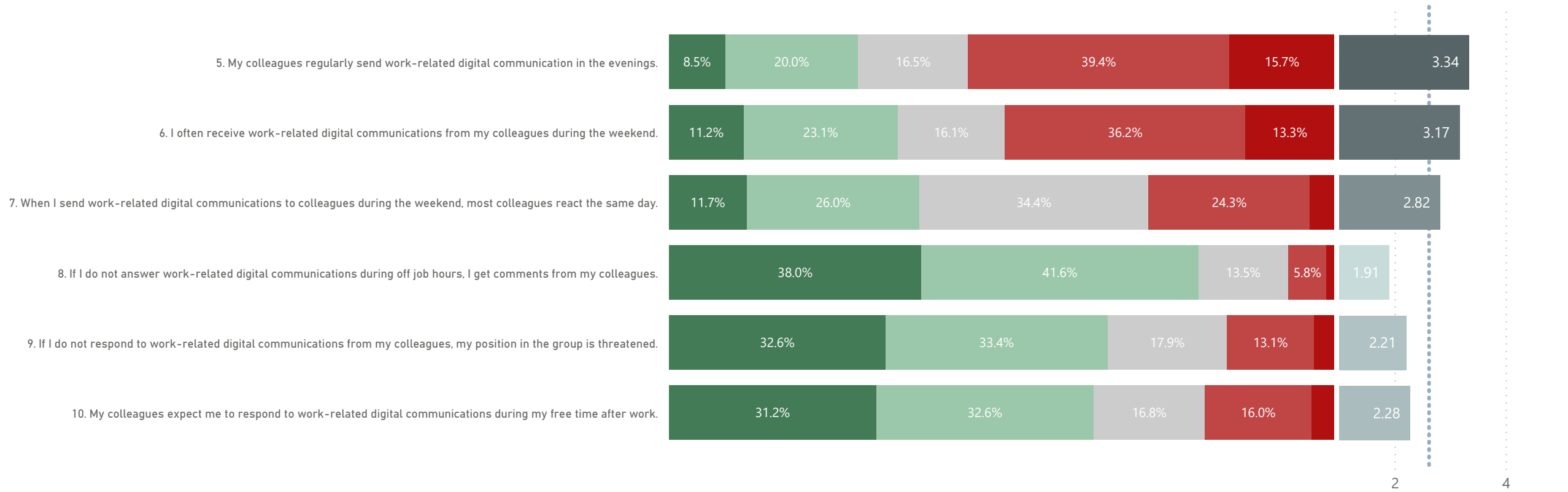
Note: item 2 is reverse coded. Further clarification is within the appendix.

Sample	Scale Average	Scale
5289	2.88	1 - 4
	Scale Total	
	8.64	

Colleague Digital Expectations

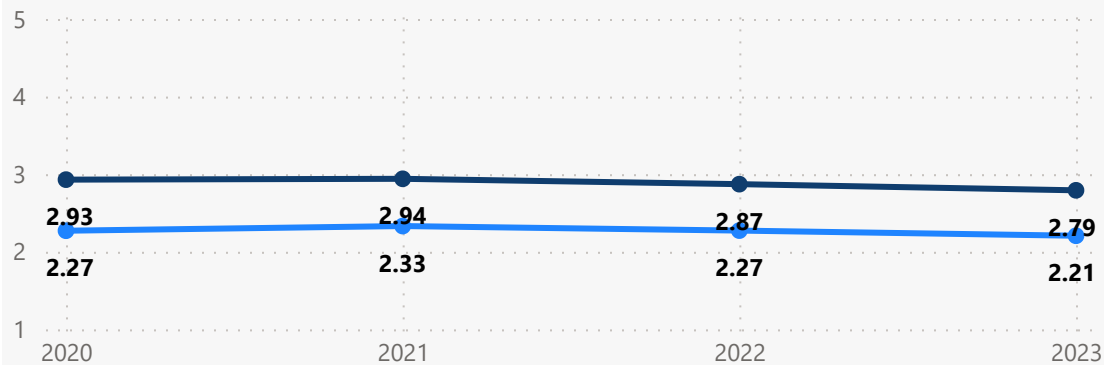
Response ● Strongly disagree ● Disagree ● Neither agree nor disagree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Colleague Digital Expectations are the pressures to engage in work-related digital communication from colleagues.

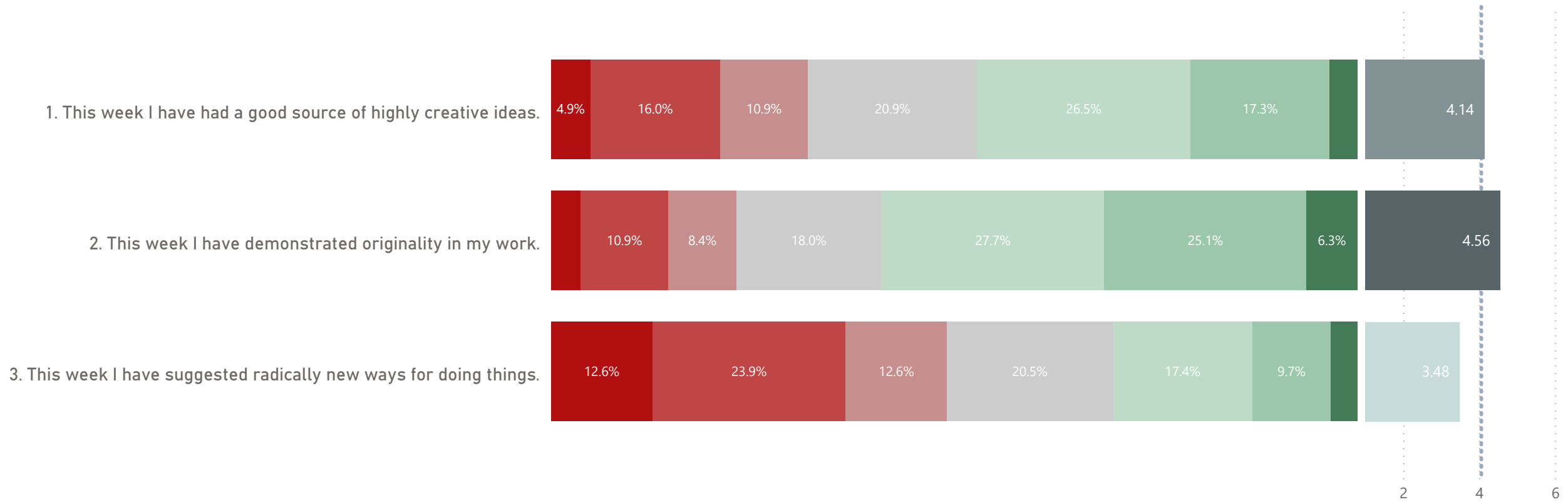
Derks, D., van Duin, D., Tims, M., & Bakker, A. B. (2015). Smartphone use and work-home interference: The moderating role of social norms and employee work engagement. *Journal of Occupational and Organizational Psychology*, 88(1), 155-177.

Sample	Scale Average	Scale
6272	2.62	1 - 5
	Scale Total 15.72	

Creativity

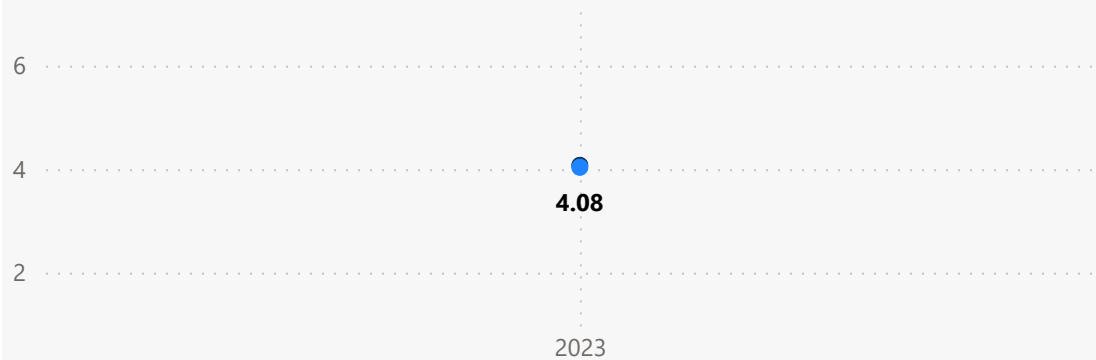
Response ● Strongly disagree ● Disagree ● Slightly disagree ● Neither agree nor disagree ● Slightly agree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Creativity measures the extent to which individuals engage in work with novel, original or innovative methods and approaches.

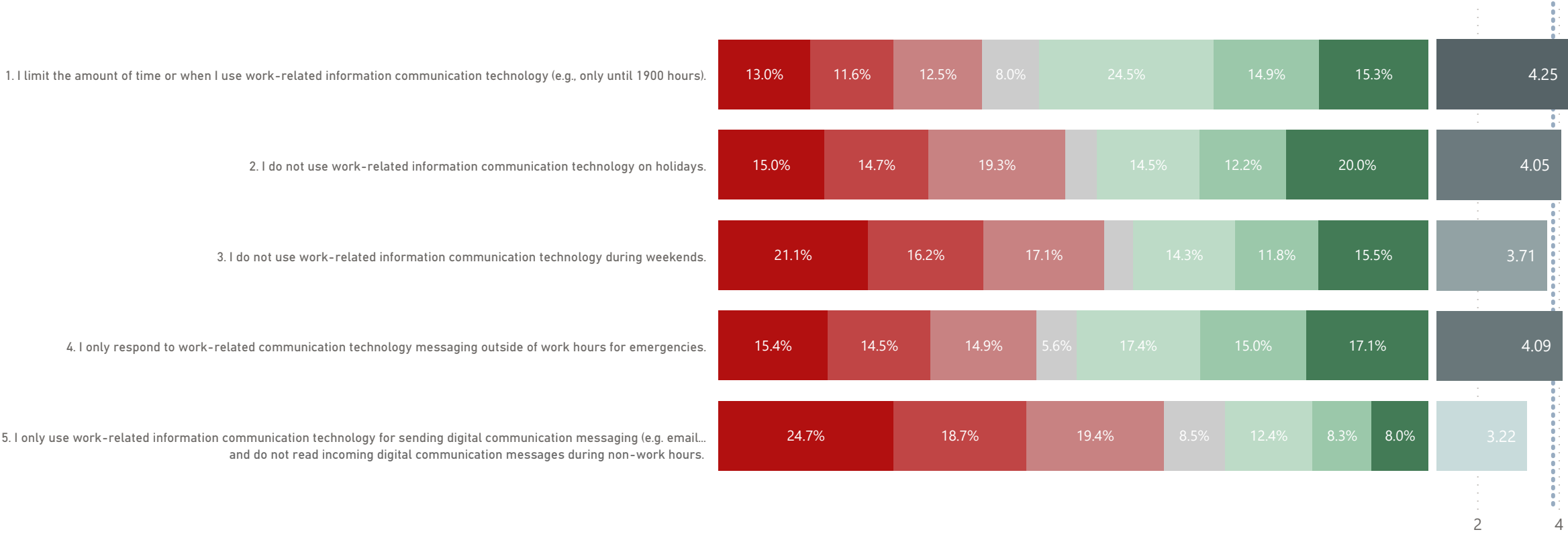
Madjar, N., Greenberg, E., and Chen, Z. (2011). Factors for radical creativity, incremental creativity, and routine, noncreative performance. *J. Appl. Psychol.* 96, 730–743. doi: 10.1037/a0022416

Sample	Scale Average	Scale
962	4.06	1 - 7
	Scale Total	
	12.18	

Digital Boundaries

Response ● Strongly disagree ● Moderately disagree ● Somewhat disagree ● Neither agree or disagree ● Somewhat agree ● Moderately agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



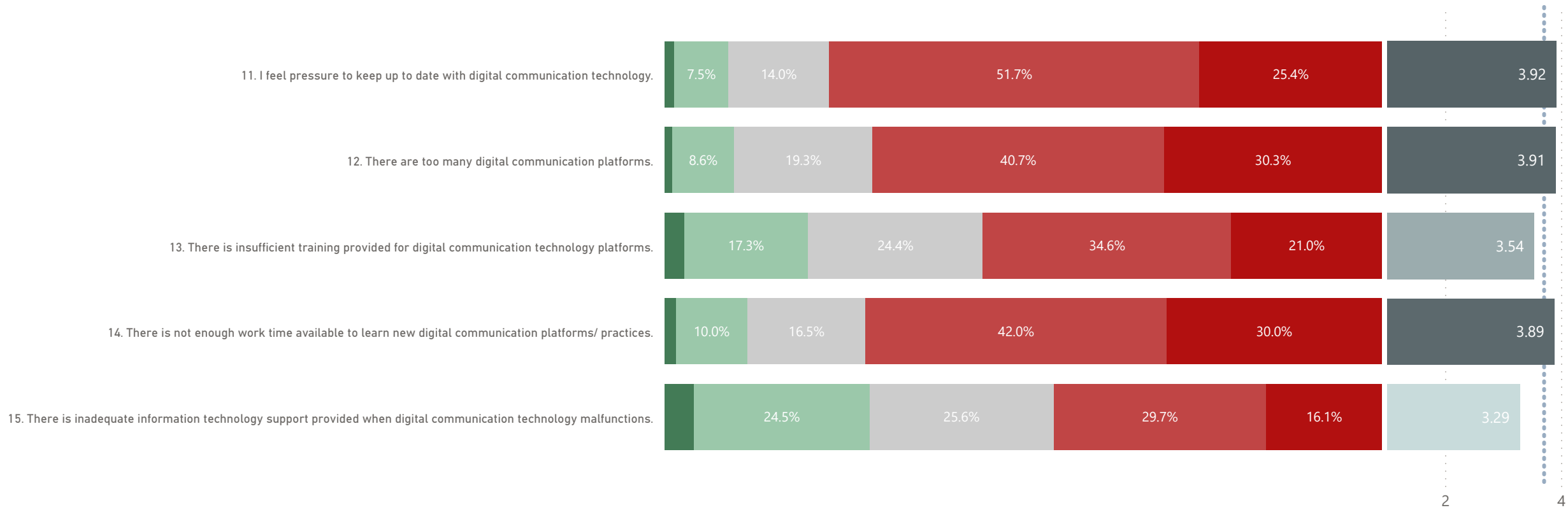
Digital Boundaries refers to self-imposed limits on communication technology.

Sample	Scale Average	Scale
2353	3.87	1 - 7
	Scale Total	
	19.33	

Digital Demands

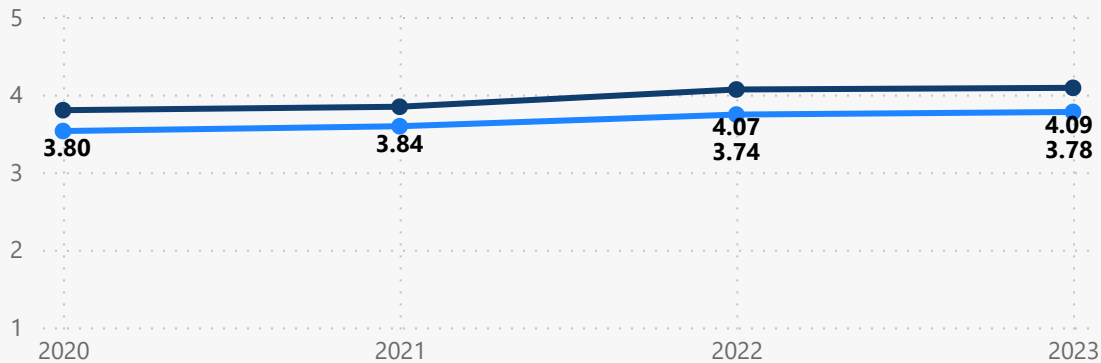
Response ● Strongly disagree ● Disagree ● Neither agree nor disagree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Digital Demands relate to the pressures and difficulties in using and interfacing with digital technologies.

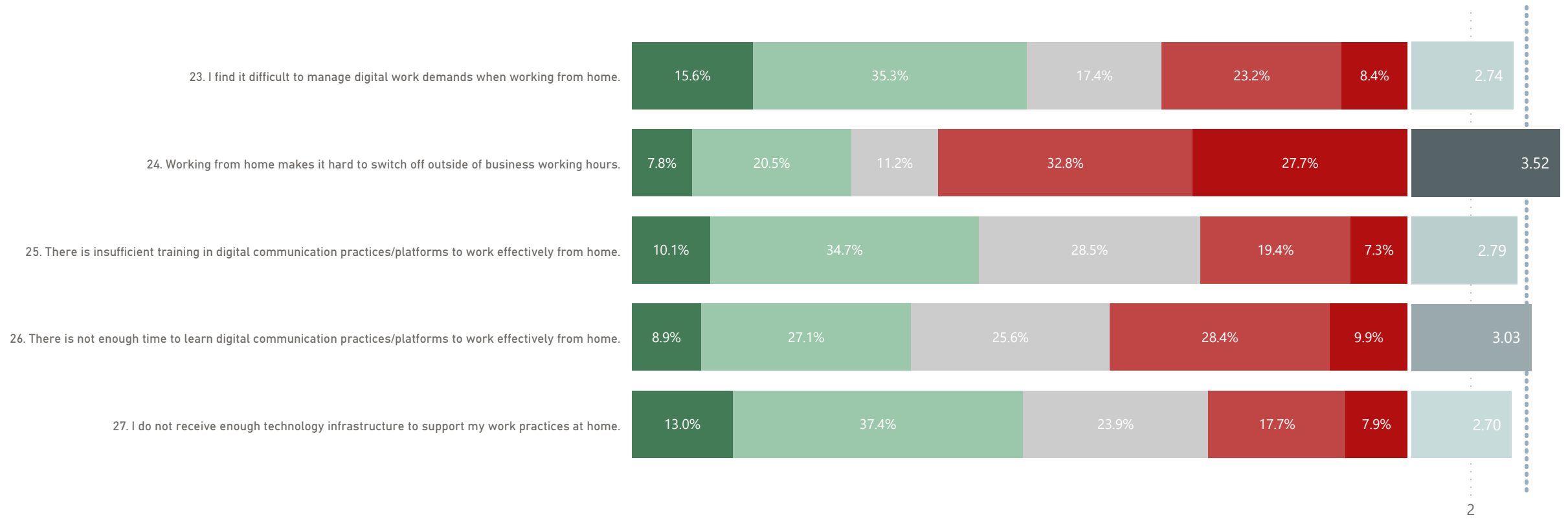
Zadow, A., Potter, R., Dollard, M., Bakker, A., Pignata, S., Afsharian, A., Parkin, A., & Lushington, K. (under review). Development and validation of the workplace digital demands and resources (WDDR) measure.

Sample	Scale Average	Scale
6265	3.76	1 - 5
	Scale Total	
	18.81	

WFH Digital Demands

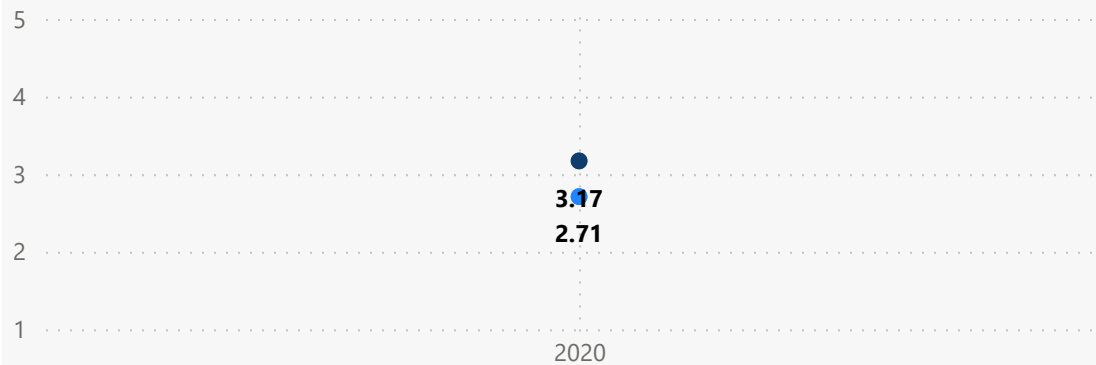
Response ● Strongly disagree ● Disagree ● Neither agree nor disagree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



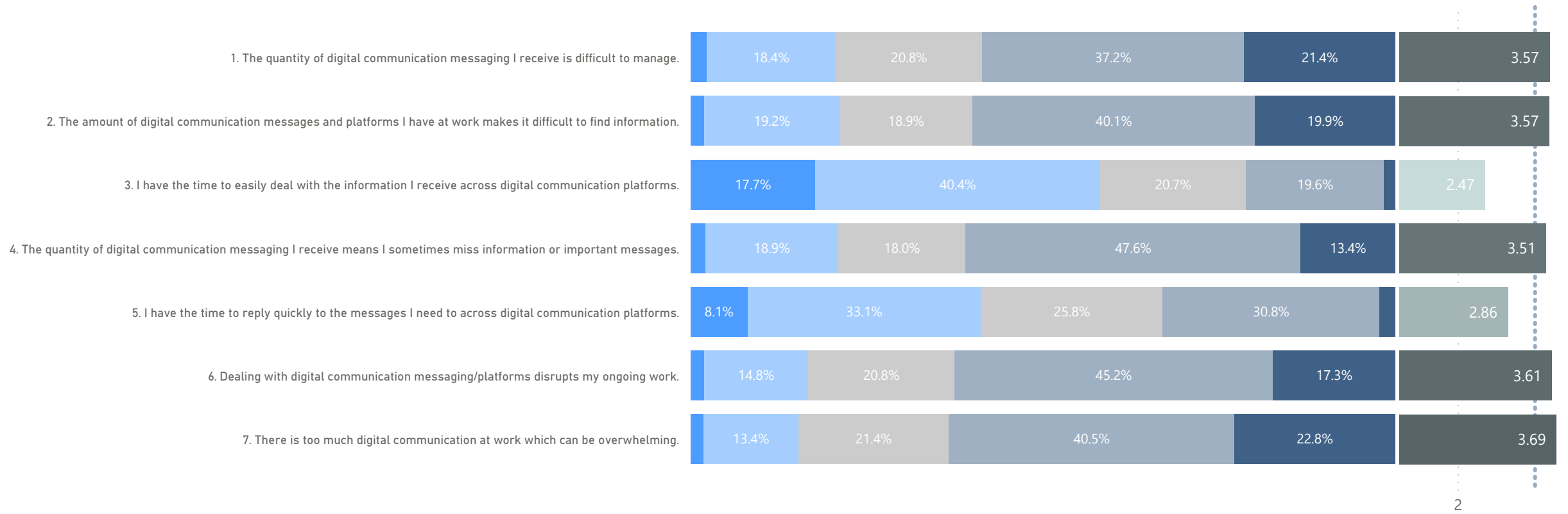
Digital Demands (working from home) relate to the pressures and difficulties in using and interfacing with digital technologies when working from home.

Sample	Scale Average	Scale
2185	2.96	1 - 5
	Scale Total	
	14.78	

Digital Communication Overload

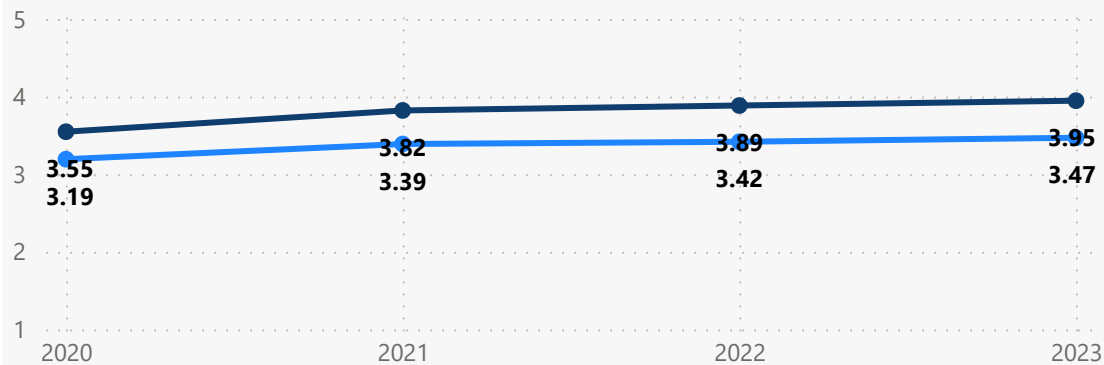
Response ● Strongly disagree ● Disagree ● Neither agree nor disagree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Digital Communication Overload (or just Digital Overload) refers to the extent to which digital messaging and its various platforms are overwhelming.

Zadow, A., Potter, R., Dollard, M., Bakker, A., Pignata, S., Afsharian, A., Parkin, A., & Lushington, K. (under review). Development and validation of the workplace digital demands and resources (WDDR) measure.

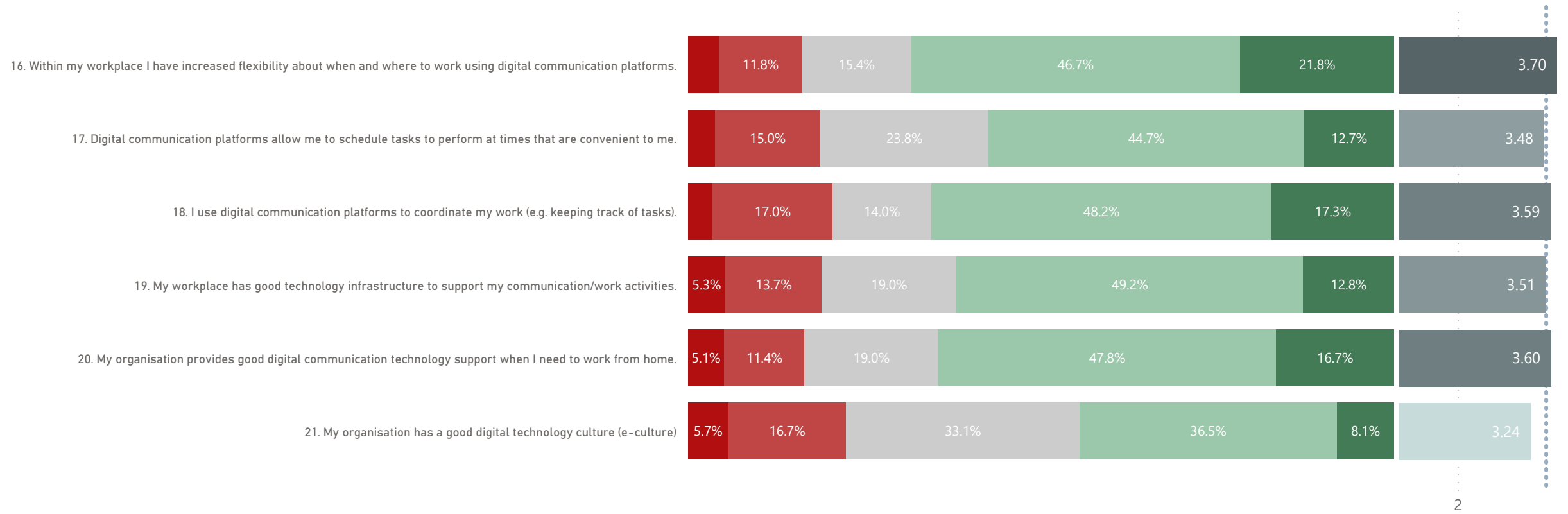
Note: items 3 and 5 is reverse coded. Further clarification is within the appendix.

Sample	Scale Average	Scale
6273	3.57	1 - 5
	Scale Total	
	25.00	

Digital Resources

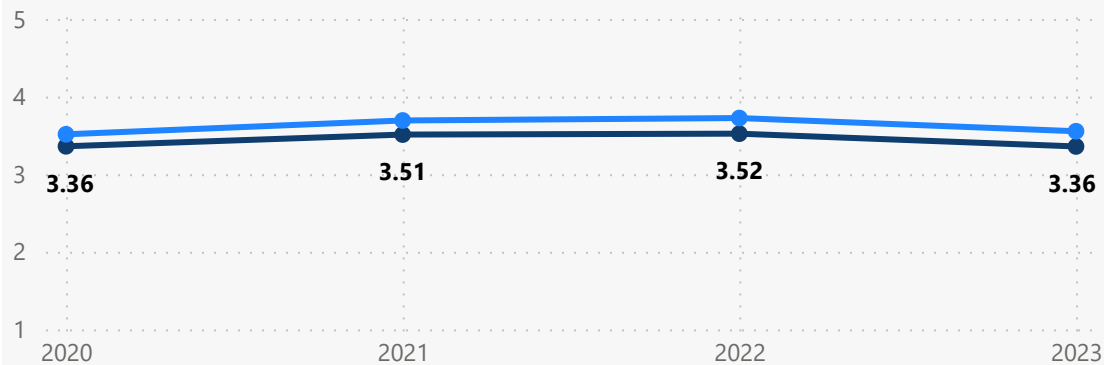
Response ● Strongly disagree ● Disagree ● Neither agree nor disagree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Digital Resources reflect the institutional support regarding communication technology, as well as the positive impacts it has on work.

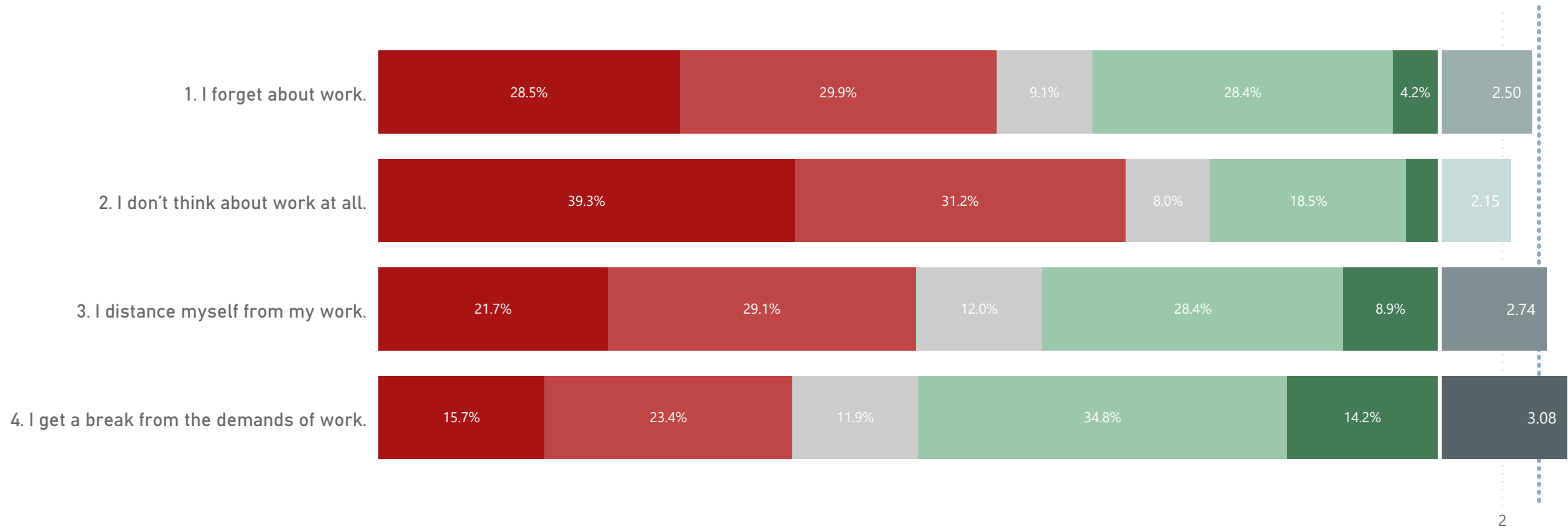
Zadow, A., Potter, R., Dollard, M., Bakker, A., Pignata, S., Afsharian, A., Parkin, A., & Lushington, K. (under review). Development and validation of the workplace digital demands and resources (WDDR) measure.

Sample	Scale Average	Scale
6273	3.52	1 - 5
	Scale Total	
	21.11	

Detachment

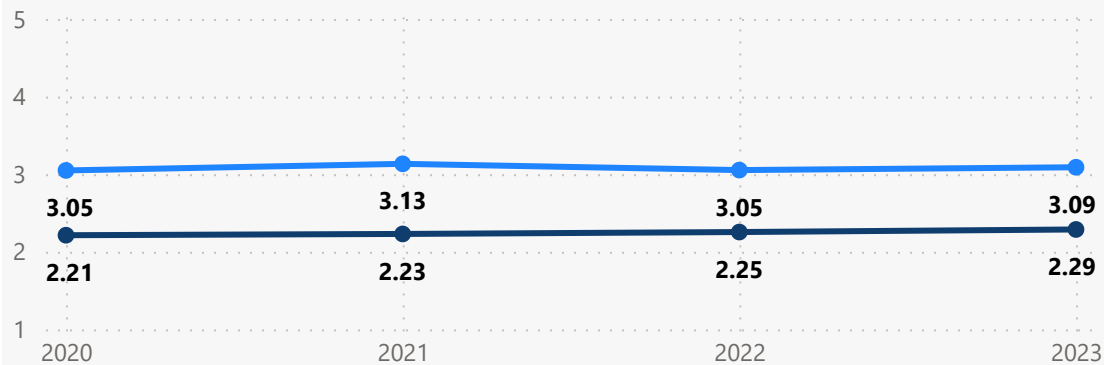
Response ● I do not agree at all ● I do not agree to a moderate extent ● I neither agree or disagree ● I agree to a moderate extent ● I fully agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Detachment refers to the extent to which people are able to be mentally detached from work. It can be a key part of reducing burnout.

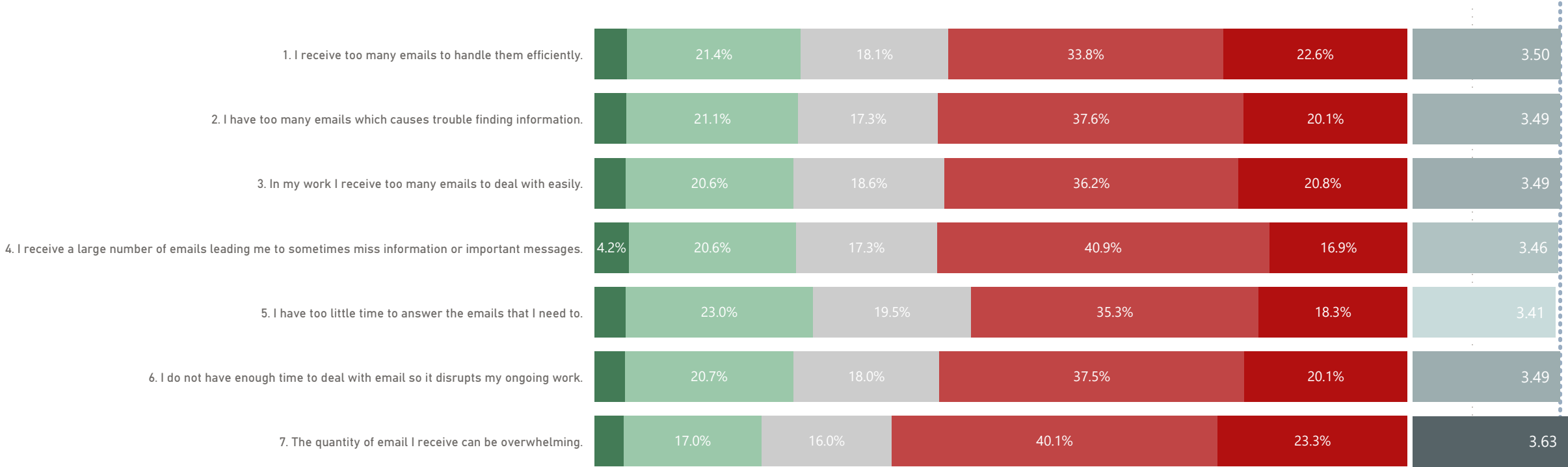
Sonnentag, S., & Fritz, C. (2007). The Recovery Experience Questionnaire: Development and Validation of a Measure for Assessing Recuperation and Unwinding From Work. *Journal of Occupational Health Psychology*, 12(3), 204-221.

Sample	Scale Average	Scale
6084	2.62	1 - 5
	Scale Total 10.47	

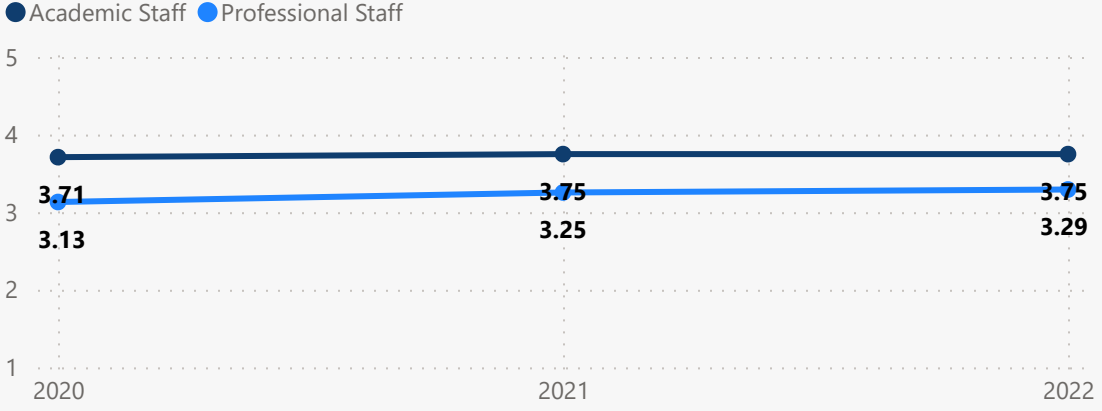
Email Overload

Response ● Strongly disagree ● Disagree ● Neither agree nor disagree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role



Email Overload measures whether an individual has the capability to deal with the quantity of emails they receive, and whether too many emails hinder work.

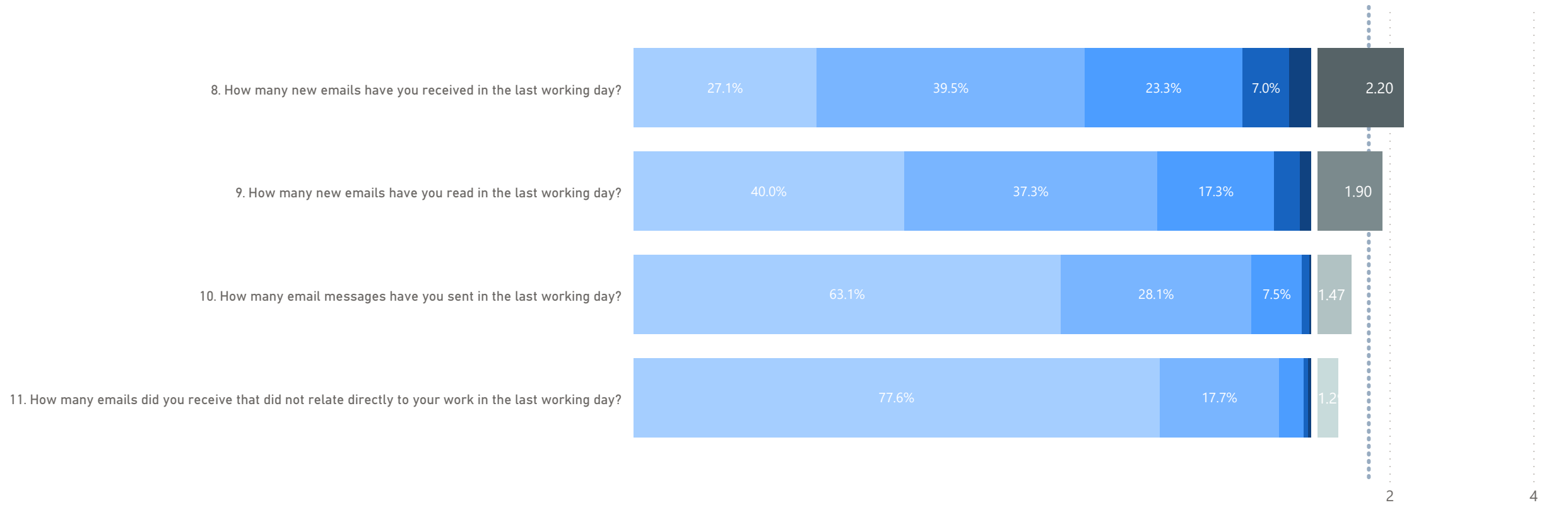
Dabbish, L. A., & Kraut, R. E. (2006, November). Email overload at work: an analysis of factors associated with email strain. In Proceedings of the 2006 20th anniversary conference on Computer supported cooperative work (pp. 431-440). ACM.

Sample	Scale Average	Scale
5189	3.50	1 - 5
	Scale Total 24.47	

Email Volume

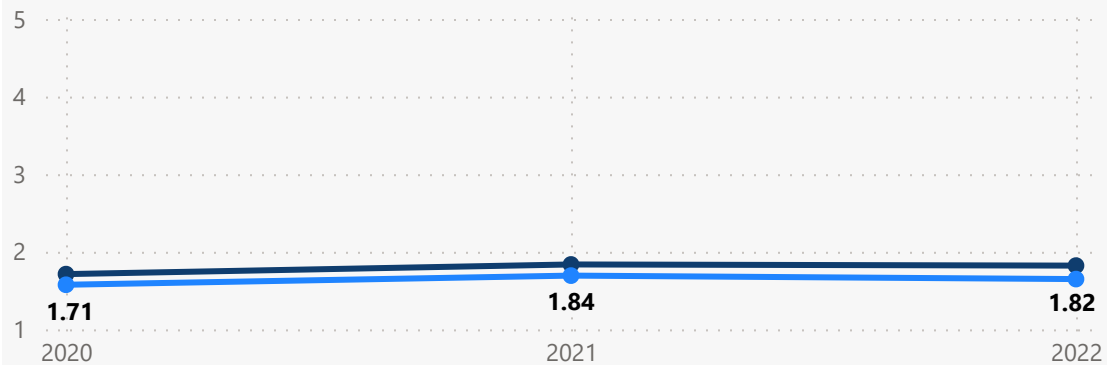
Response ● Less than 25 ● 26-50 ● 51-100 ● 101-150 ● Above 150

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Email Volume measures how many emails are sent and received by individuals daily.

Dabbish, L. A., & Kraut, R. E. (2006, November). Email overload at work: an analysis of factors associated with email strain. In Proceedings of the 2006 20th anniversary conference on Computer supported cooperative work (pp. 431-440). ACM.

Sample	Scale Average	Scale
5169	1.71	1 - 5
	Scale Total	
	6.86	

Email Work Importance

Response ● Strongly disagree ● Disagree ● Neither agree nor disagree ● Agree ● Strongly agree

Average Score Per Item

12. Email is critical for getting my work done.



13. I spend a lot of time waiting for replies from others to my email.



14. I use email a lot for my work.

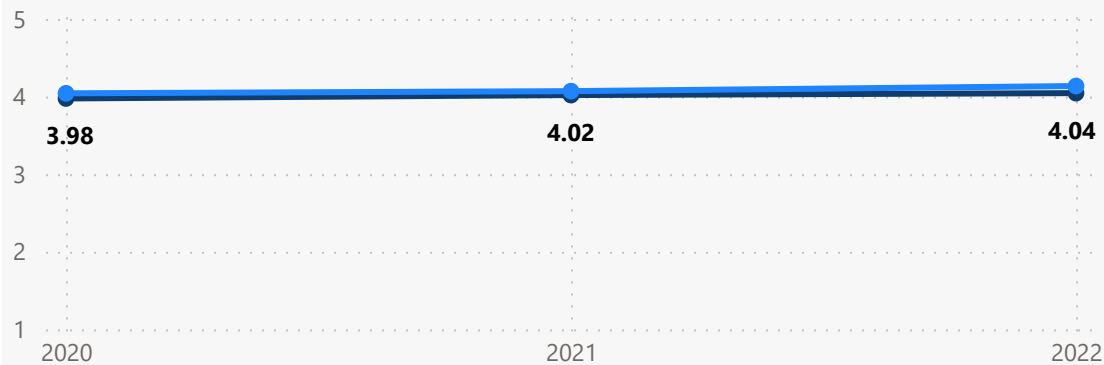


15. It would be harder to do my work without email.



Average by Year and Work Role

● Academic Staff ● Professional Staff



Email Work Importance is a measure of the centrality of email to an individual's work and tasks.

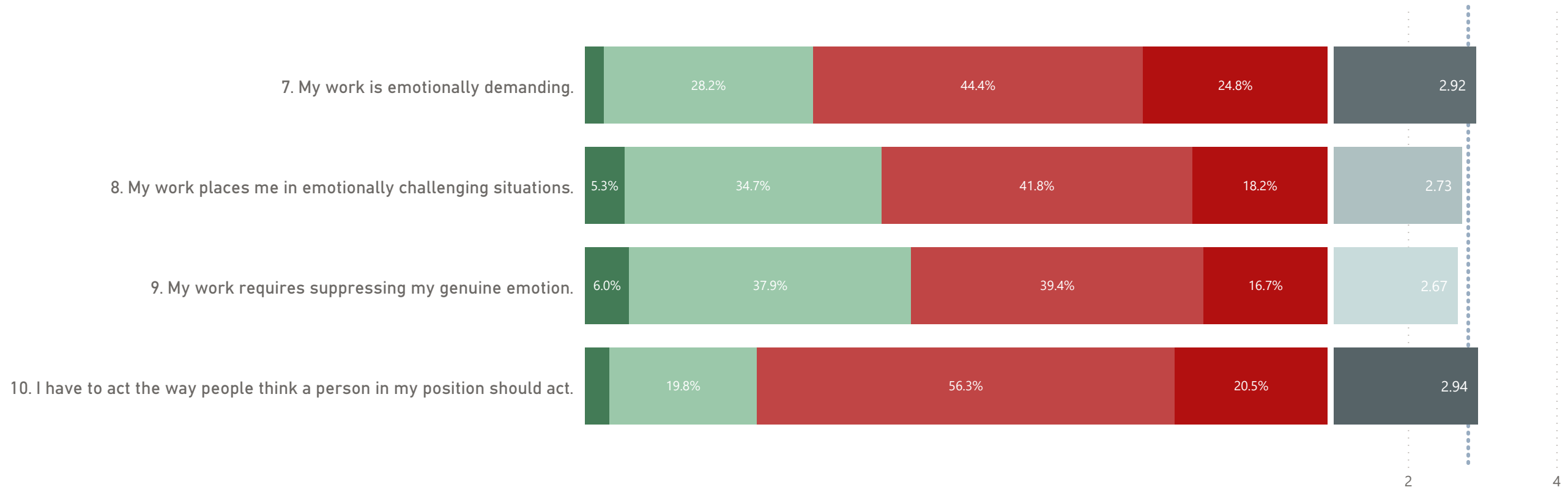
Dabbish, L. A., & Kraut, R. E. (2006, November). Email overload at work: an analysis of factors associated with email strain. In Proceedings of the 2006 20th anniversary conference on Computer supported cooperative work (pp. 431-440). ACM.

Sample	Scale Average	Scale
5189	4.04	1 - 5
	Scale Total	
	16.15	

Emotional Demands

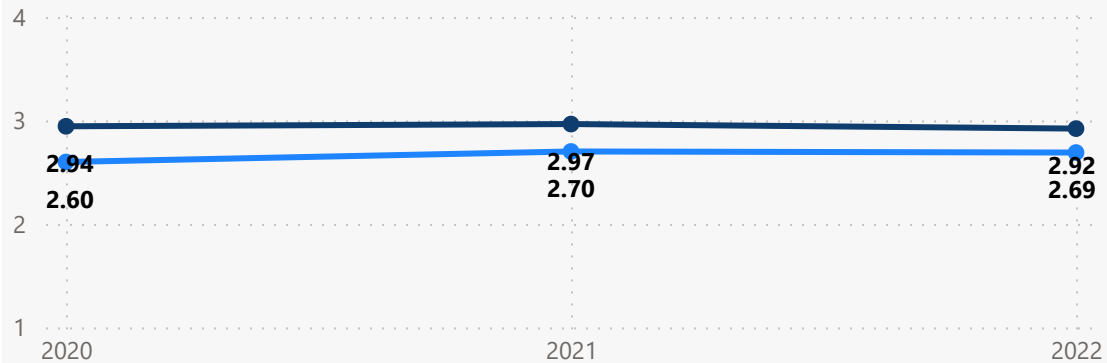
Response ● Strongly disagree ● Disagree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Emotional Demands relates to the emotional toll of work, including the need to mask or suppress emotional reactions.

Karasek, R. A., Brisson, C., Kawakami, N., Houtman, I., Bongers, P., & Amick, B. (1998). The job content questionnaire (JCQ): An instrument for internationally comparative assessment of psychosocial job characteristics. *Journal of Occupational Health Psychology*, 3, 322–355.

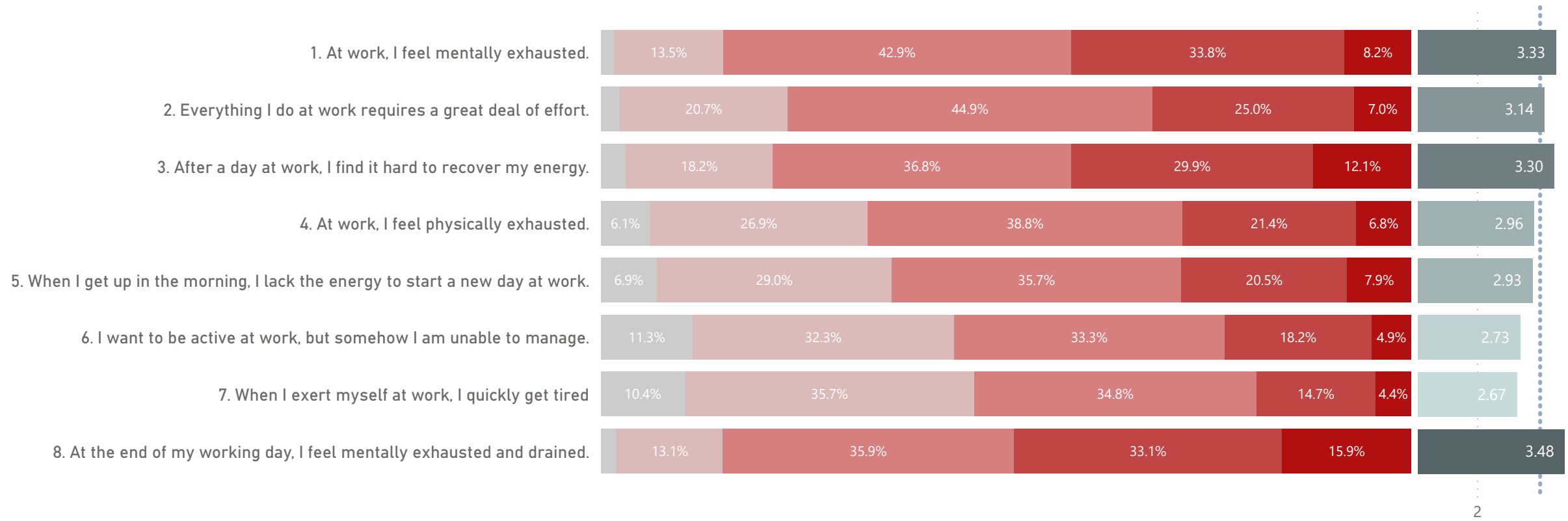
Sample	Scale Average	Scale
5288	2.81	1 - 4
	Scale Total	
	11.25	

Emotional Exhaustion

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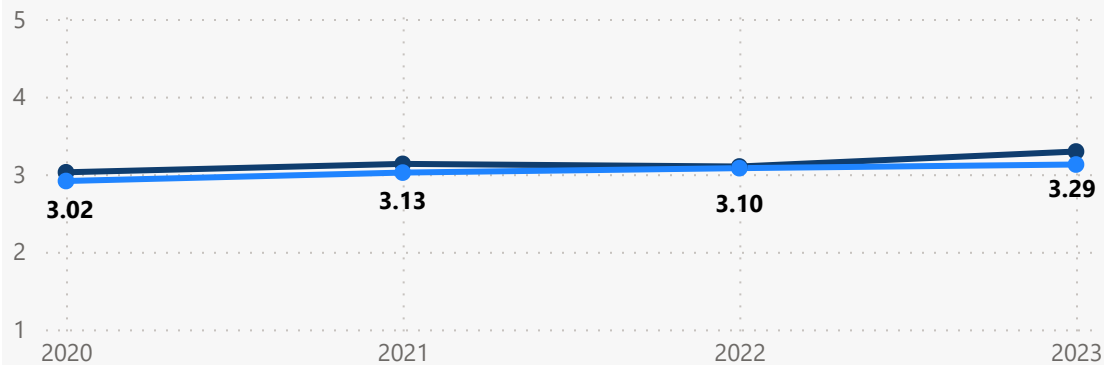
Response ● Never ● Rarely ● Sometimes ● Often ● Always

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Emotional Exhaustion is the extent to which an individual is depleted from the experience of work.

Schaufeli, W.B., De Witte, H. & Desart, S. (2019). User Manual – Burnout Assessment Tool (BAT) – Version 2.0. KU Leuven, Belgium: Internal report. <https://burnoutassessmenttool.be/>

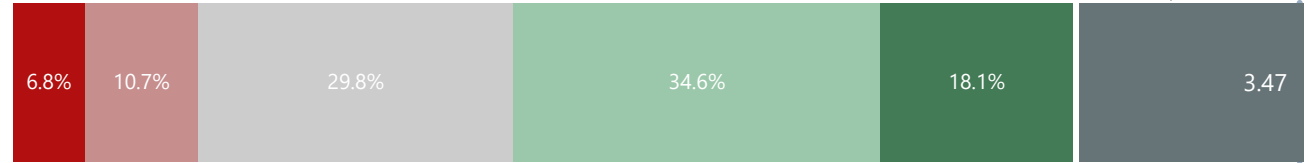


Emotional Resources

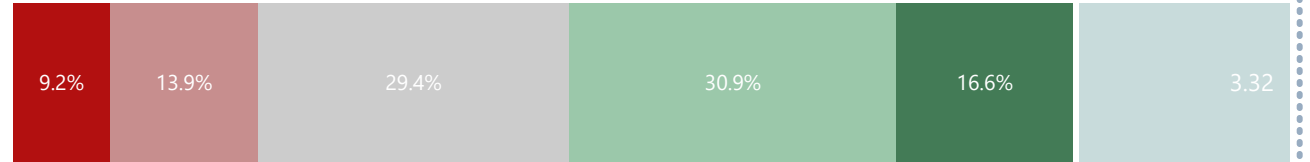
Response ● Never or very rarely ● Rarely ● Occasionally ● Often ● Very often or always

Average Score Per Item

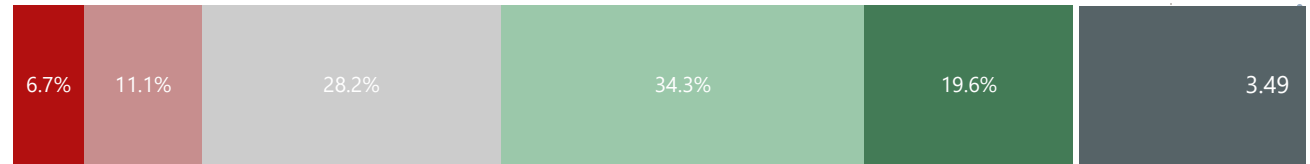
4. In my job, I get emotional support from others (e.g. clients, colleagues or supervisors) when a threatening situation at work occurs.



5. In my job, I have the opportunity to express my emotions after a threatening situation occurs, without experiencing negative consequences (e.g. from supervisors, colleagues or clients).

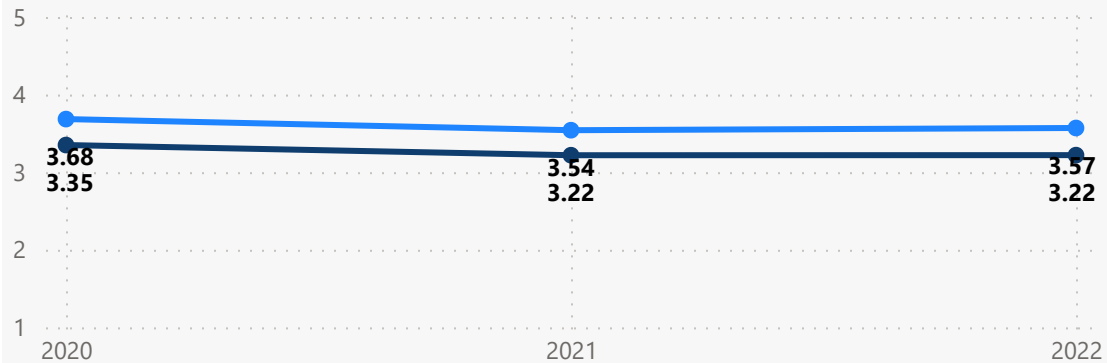


6. In my job, other people (e.g. clients, colleagues or supervisors) will be a listening ear for me when I have faced an emotionally threatening situation.



Average by Year and Work Role

● Academic Staff ● Professional Staff



Emotional Resources refers to a positive environment for emotional expression as well as emotional supports from people in the work environment.

Sample	Scale Average	Scale
5255	3.43	1 - 5
	Scale Total 10.28	

Employee Voice

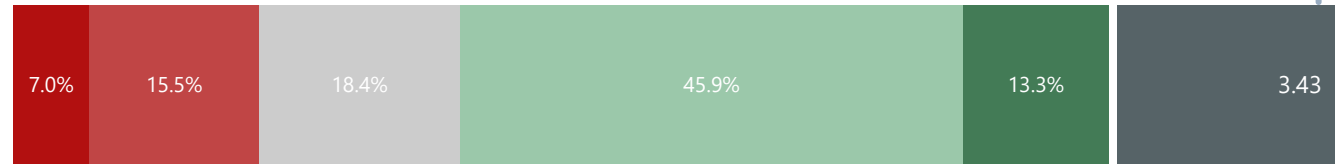
Response ● Strongly disagree ● Disagree ● Neither agree or disagree ● Agree ● Strongly agree

Average Score Per Item

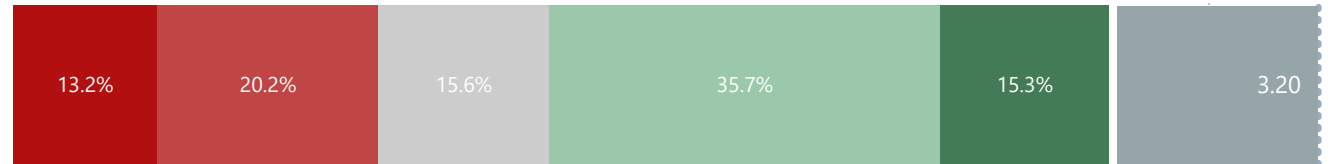
1. I feel safe to use my voice to raise issues that affect my psychological health and well-being.



2. I am aware of how to report issues that affect my psychological health and well-being.

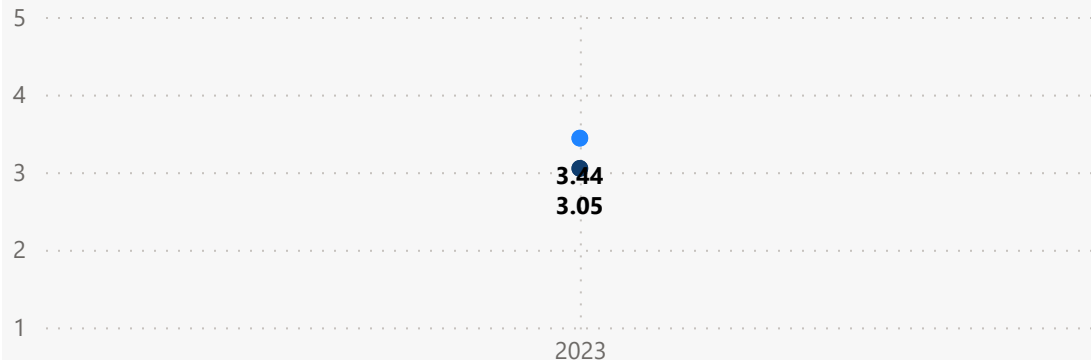


3. I have no hesitation in speaking to my supervisor about work factors that affect my psychological health and well-being.



Average by Year and Work Role

● Academic Staff ● Professional Staff



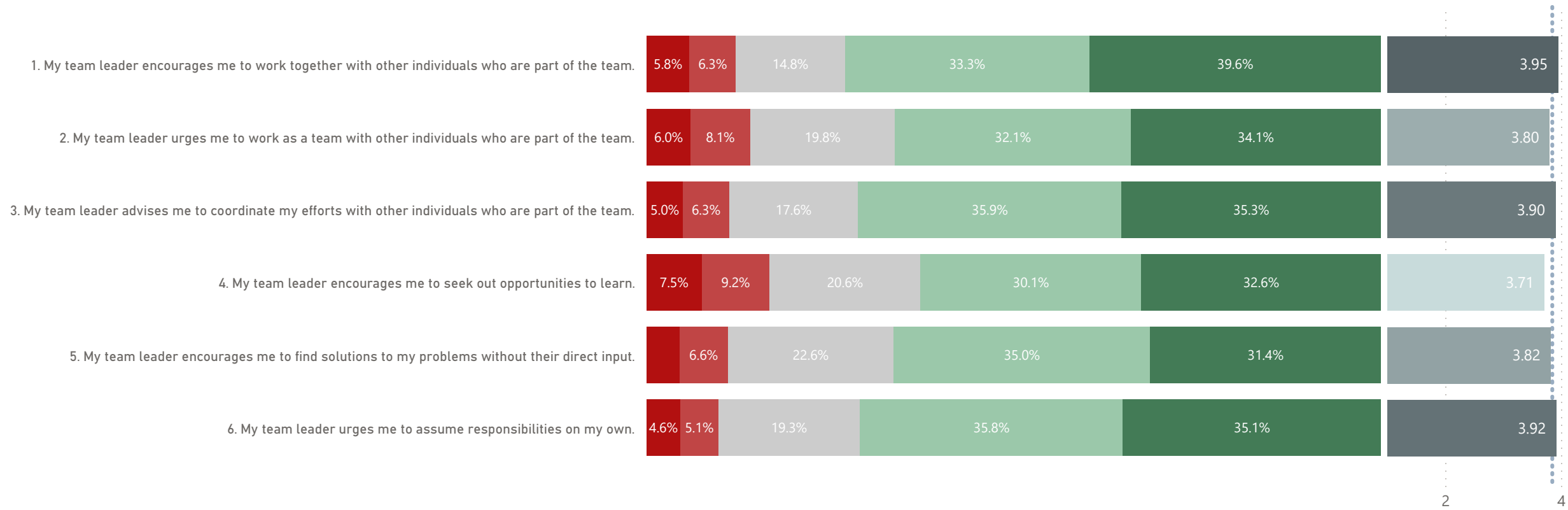
Employee Voice is the extent to which an employee feels safe and respected enough to raise issues relating to workplace psychological health and wellbeing.

Sample	Scale Average	Scale
932	3.22	1 - 5
	Scale Total 9.65	

Empowering Leadership

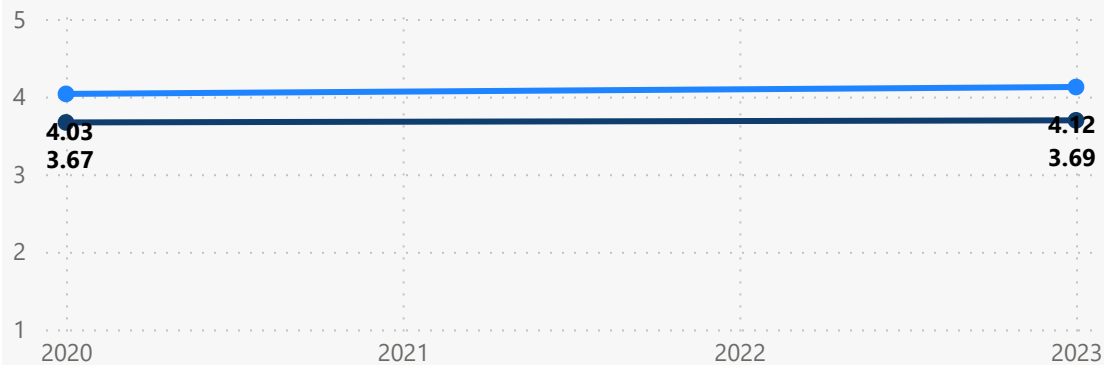
Response ● Definitely false ● Probably false ● Neither true nor false ● Probably true ● Definitely true

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Empowering Leadership is the extent to which leadership develops autonomy and agency under a particular leader.

Pearce, C., & Sims, H. (2002). Vertical Versus Shared Leadership as Predictors of the Effectiveness of Change Management Teams: An Examination of Aversive, Directive, Transactional, Transformational, and Empowering Leader Behaviors. *Group Dynamics: Theory, Research, and Practice*, 6(2), 172-197.

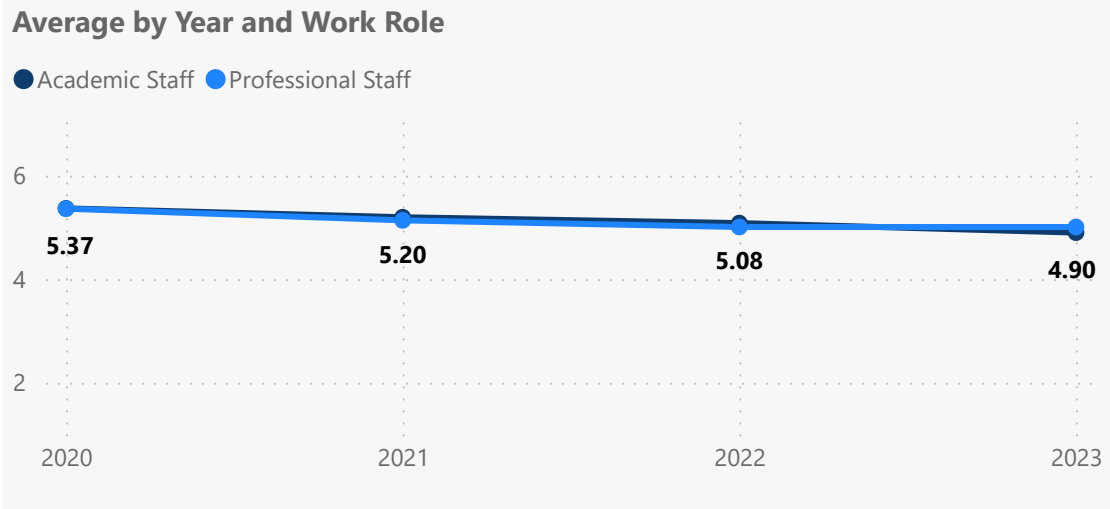
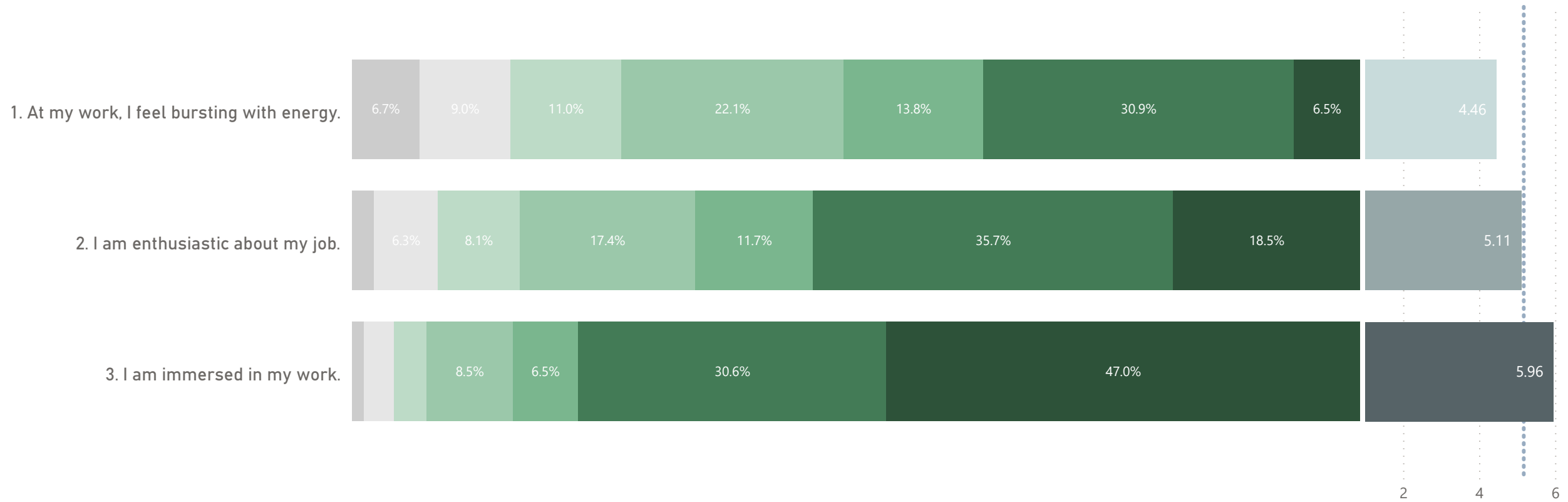
Sample	Scale Average	Scale
3015	3.85	1 - 5
	Scale Total	
	23.10	

Engagement

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Response ● Never ● 1-3 times per year or less ● Once a month ● A few times a month ● Once a week ● A few times a week ● Every day

Average Score Per Item



Engagement measures an individual's vigour, dedication and absorption in relation to their work.

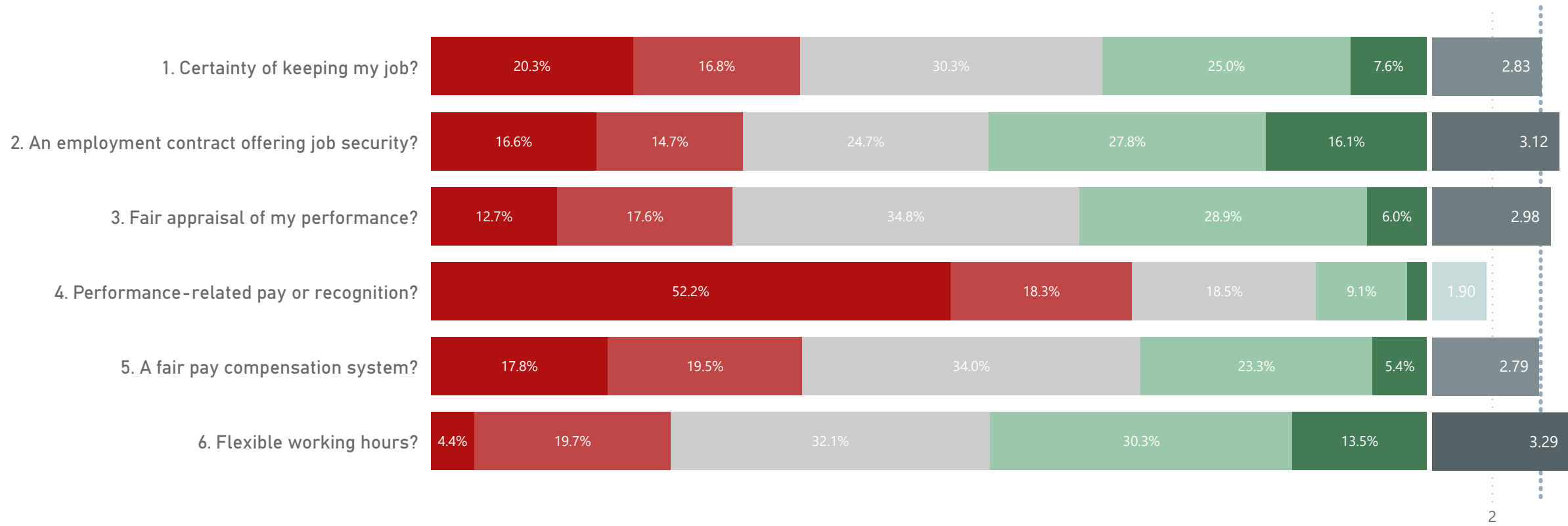
Schaufeli, W., & Bakker, A. (2003). UWES Utrecht Work Engagement Scale. Preliminary Manual [Version 1, November 2005]. Utrecht University, Occupational Health Psychology Unit: The Netherlands.

Sample	Scale Average	Scale
6288	5.18	1 - 7
	Scale Total 15.53	

HR Policy

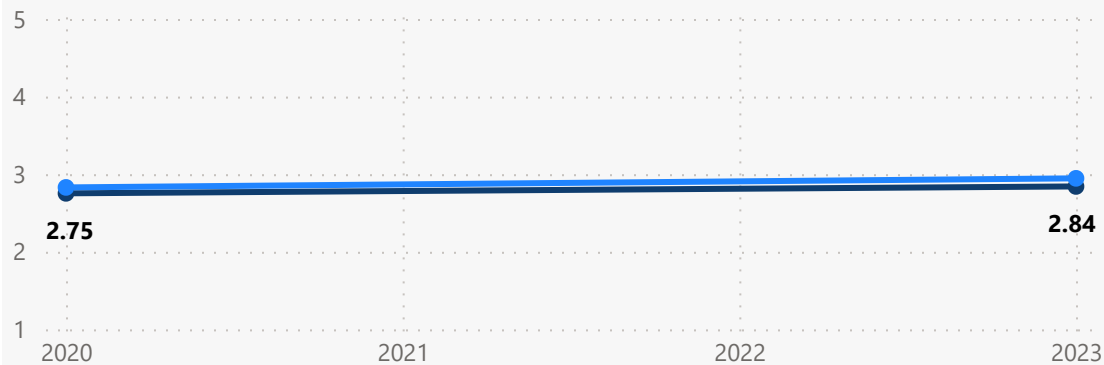
Response ● Not at all ● To a small extent ● To a moderate extent ● To a great extent ● To a very great extent

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



HR Policy refers to positive work arrangements provided by contract or management.

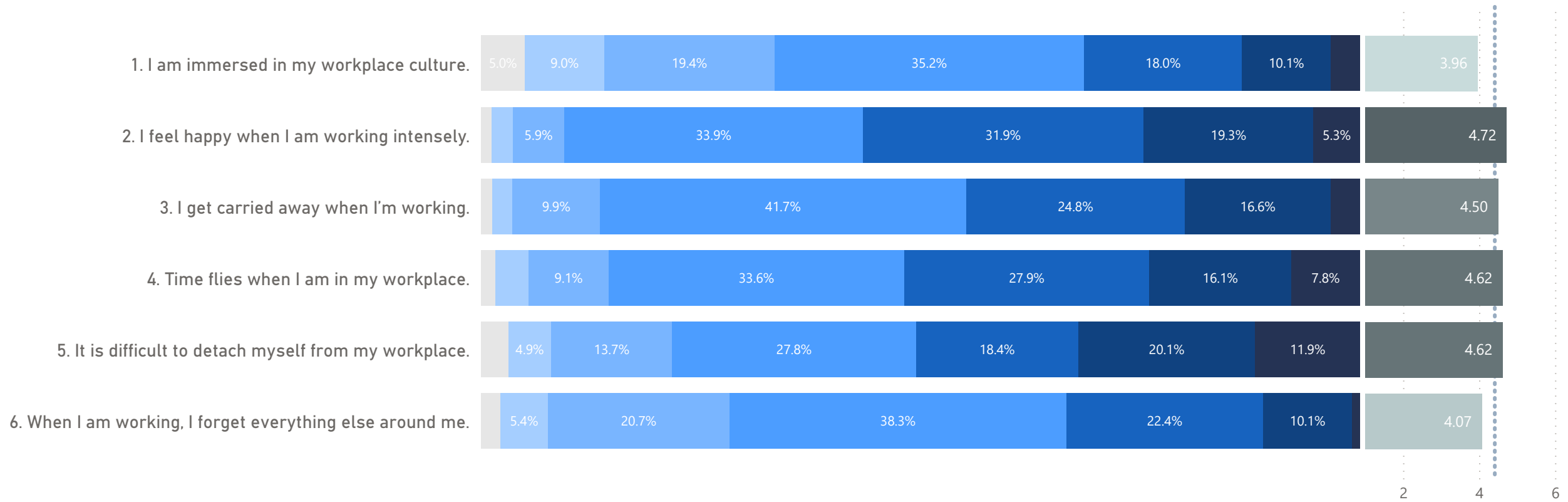
Boon, C. (2008). *HRM and Fit: Survival of the fittest!?* [Doctoral dissertation, Erasmus University, Rotterdam, The Netherlands]. <http://hdl.handle.net/1765/12606>

Sample	Scale Average	Scale
2996	2.82	1 - 5
	Scale Total 16.91	

Immersion

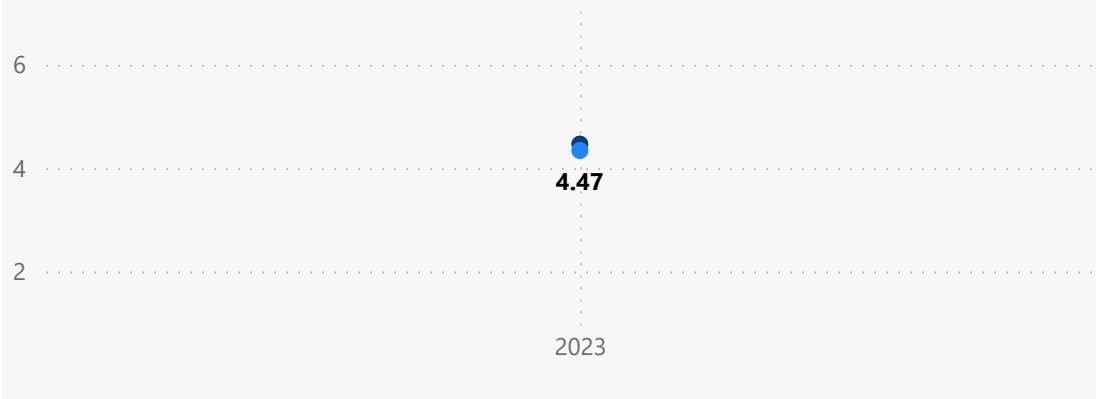
Response ● Never ● Almost never ● Rarely ● Sometimes ● Often ● Very Often ● Always

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Immersion is the extent to which an individual displays a deep involvement or commitment to work and organisational culture.

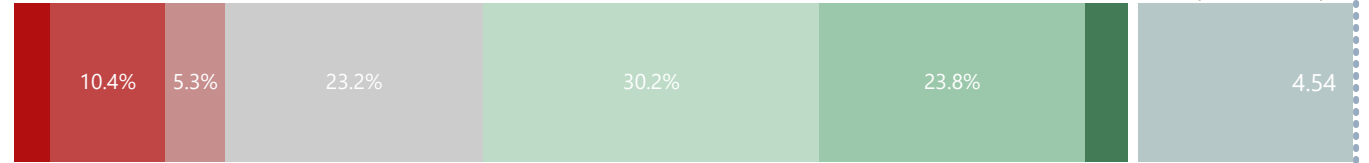
Sample	Scale Average	Scale
999	4.41	1 - 7
	Scale Total	
	26.48	

Innovation

Response ● Strongly disagree ● Disagree ● Slightly disagree ● Neither agree nor disagree ● Slightly agree ● Agree ● Strongly agree

Average Score Per Item

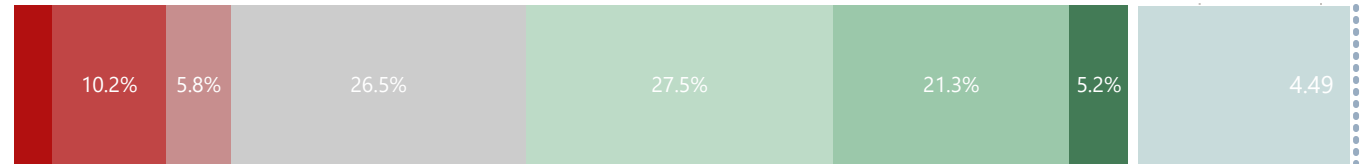
1. This week I have used previously existing ideas or work in an appropriate new way.



2. This week I was very good at adapting already existing ideas.

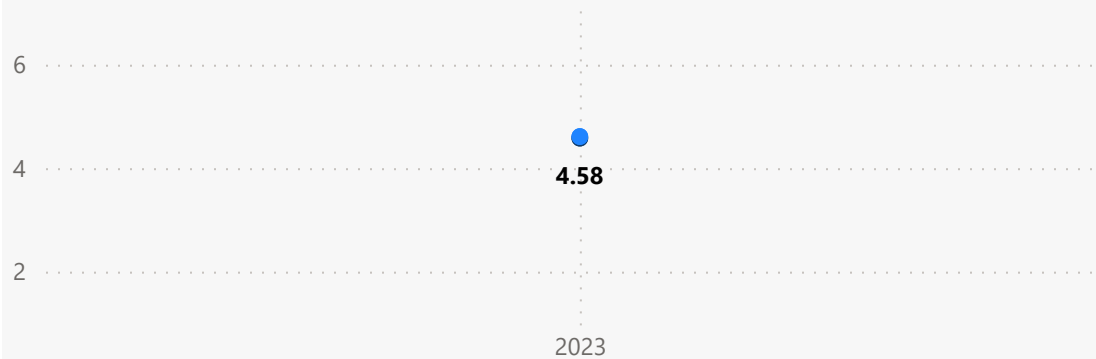


3. This week I easily modified previously existing work processes to suit current needs.



Average by Year and Work Role

● Academic Staff ● Professional Staff



Innovation is the ability to adapt new ideas in the process of work.

Madjar, N., Greenberg, E., and Chen, Z. (2011). Factors for radical creativity, incremental creativity, and routine, noncreative performance. *J. Appl. Psychol.* 96, 730–743. doi: 10.1037/a0022416

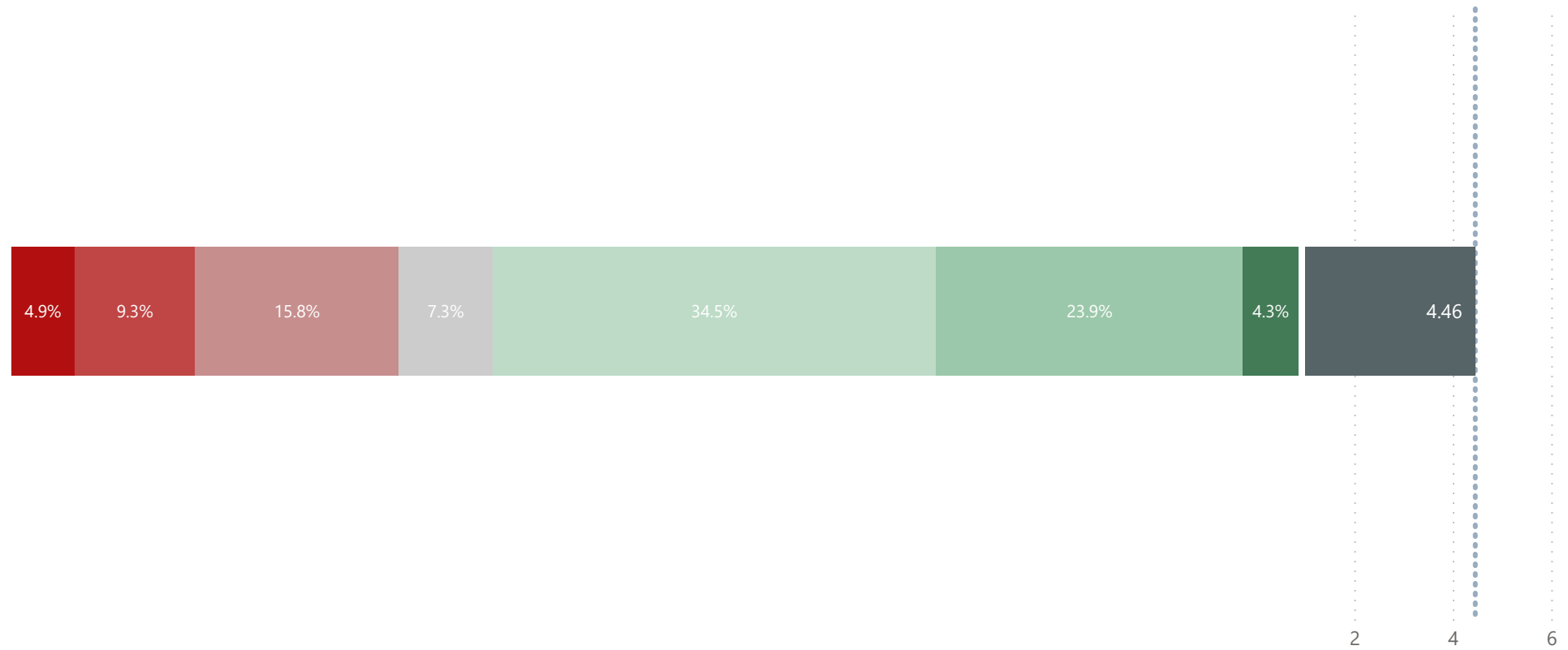
Sample	Scale Average	Scale
961	4.59	1 - 7
	Scale Total	
	13.78	

Job Satisfaction

Response ● I'm extremely dissatisfied. ● I'm very dissatisfied. ● I'm moderately dissatisfied. ● I'm not sure. ● I'm moderately satisfied. ● I'm very satisfied. ● I'm extremely satisfied.

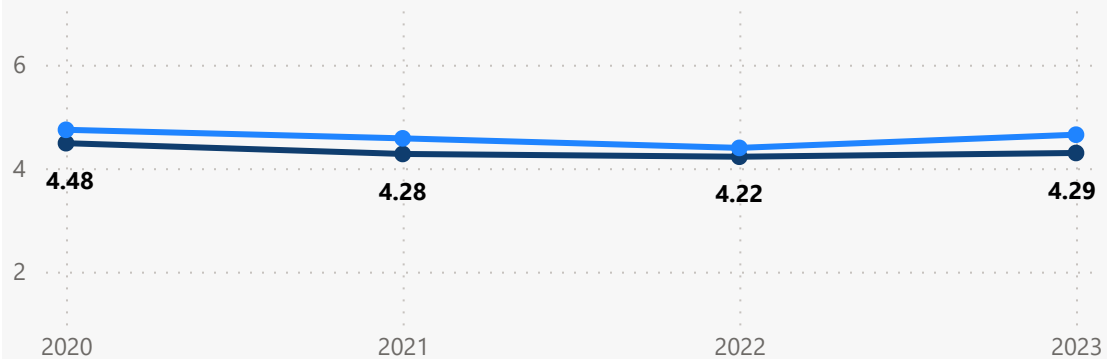
Average Score Per Item

How do you feel about your job as a whole?



Average by Year and Work Role

● Academic Staff ● Professional Staff



Job Satisfaction is derived from Warr, P., Cook, J., & Wall, T. (1979). Scales for the measurement of some work attitudes and aspects of psychological well-being.

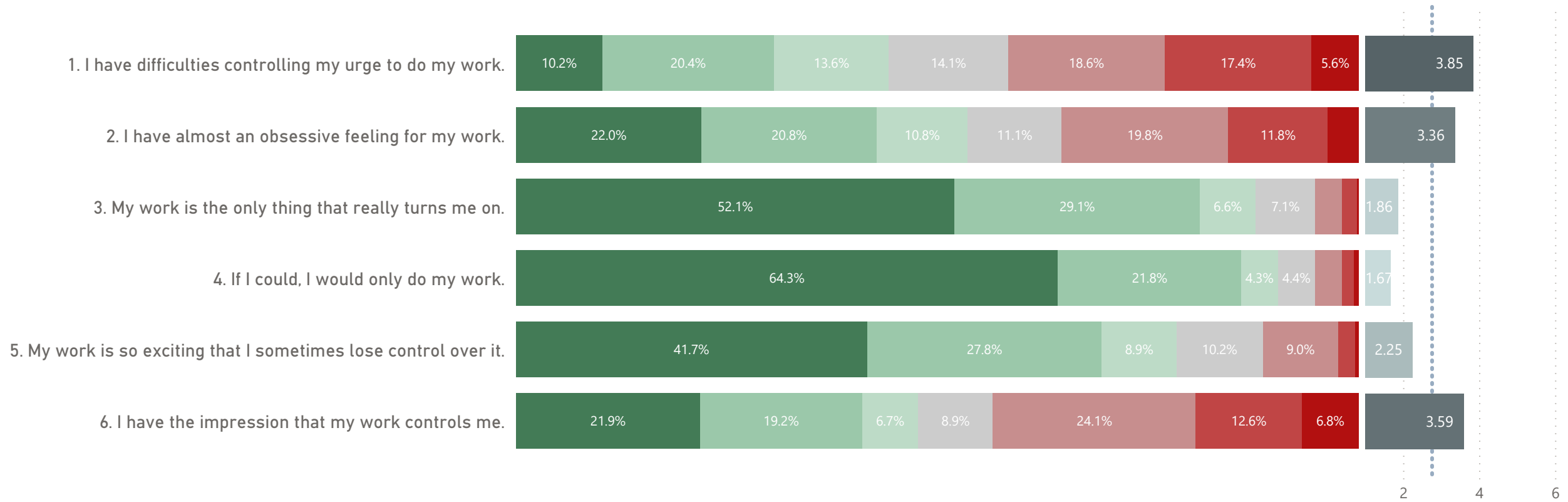
Warr, P., Cook, J., & Wall, T. (1979). Scales for the measurement of some work attitudes and aspects of psychological well-being. *Journal of Occupational Psychology*, 52, 129 —148.

Sample	Scale Average	Scale
6205	4.46	1 - 7
	Scale Total	
	4.46	

Obsessive Passion

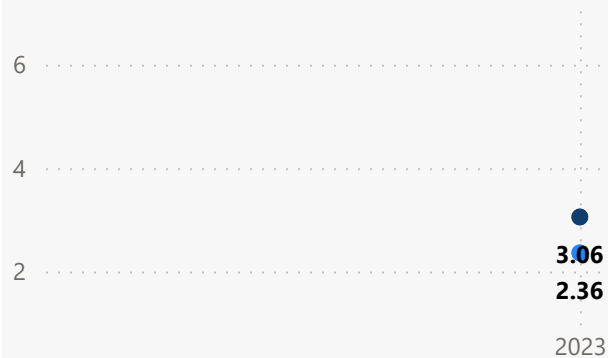
Response ● Strongly disagree ● Disagree ● Slightly disagree ● Neither agree nor disagree ● Slightly agree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Obsessive Passion is a measure of an individual's internal pressures to engage in work. It is a reflection of an unhealthy adaptation to work caused by "negative affect and rigid persistence".

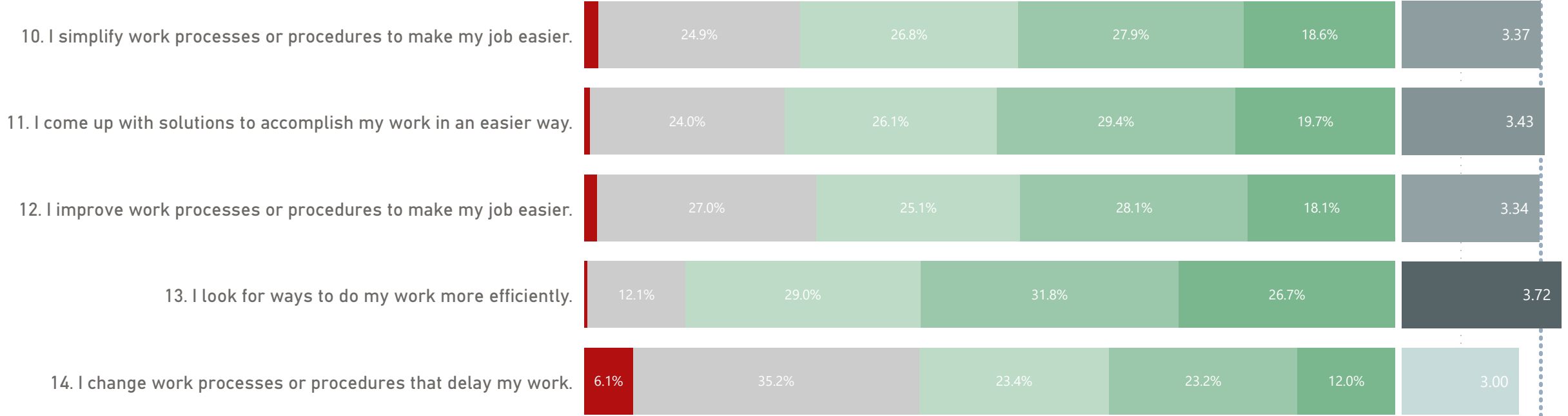
Vallerand, R. J., Blanchard, C. M., Mageau, G. A., Koestner, R., Ratelle, C., Léonard, M., . . . Marsolais, J. (2003). Les passions de l'ame: On obsessive and harmonious passion. *Journal of Personality and Social Psychology*, 85, 756 –767.



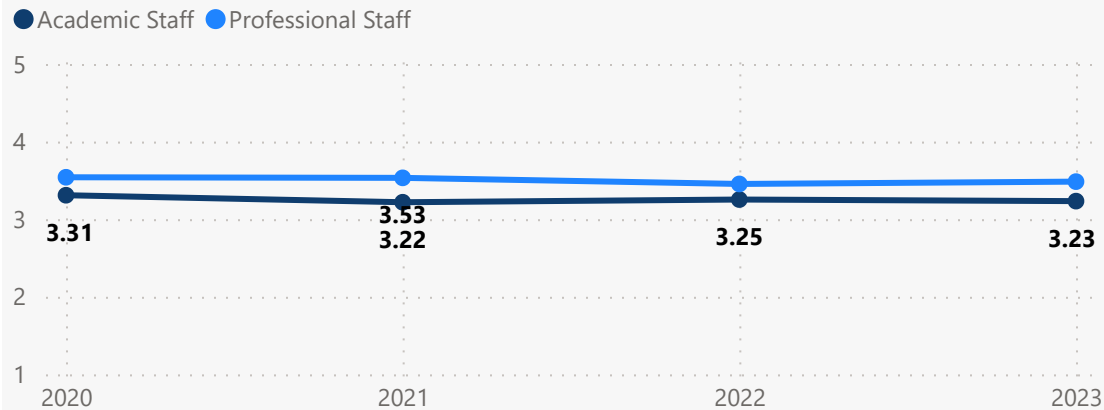
Optimising Job Demands

Response ● Never ● Sometimes ● Regularly ● Often ● Very Often

Average Score Per Item



Average by Year and Work Role



Optimising Job Demands is the extent to which an individual looks for ways to better handle job demands.

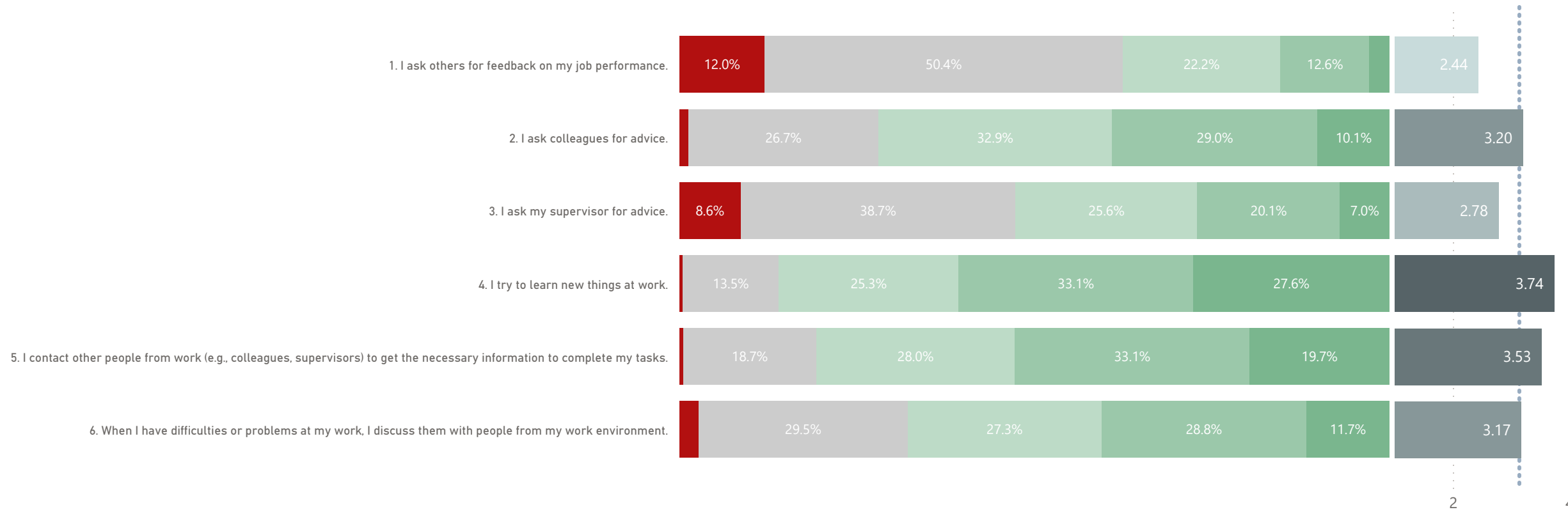
Demerouti, E., & Peeters, M. C. (2018). Transmission of reduction-oriented crafting among colleagues: A diary study on the moderating role of working conditions. *Journal of Occupational and Organizational Psychology*, 91(2), 209-234.

Sample	Scale Average	Scale
6258	3.37	1 - 5
	Scale Total 16.87	

Optimising Resources

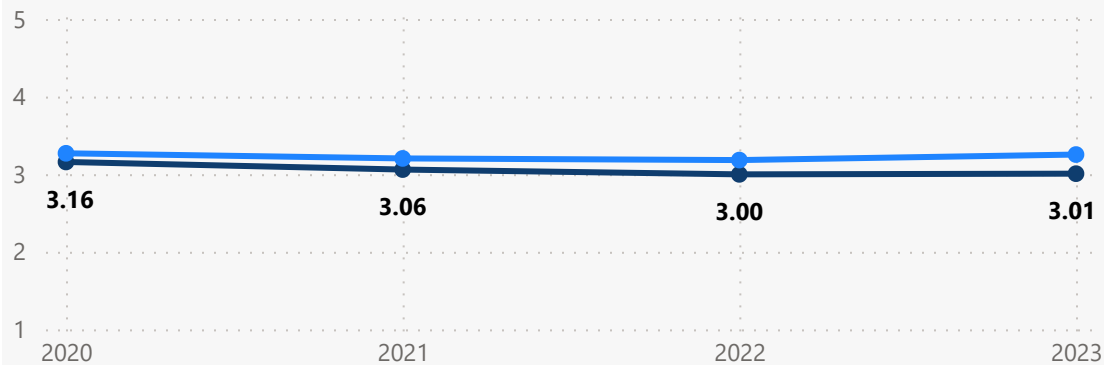
Response ● Never ● Sometimes ● Regularly ● Often ● Very Often

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Optimising Job Resources is the extent to which an individual uses their work resources more efficiently, working more collaboratively.

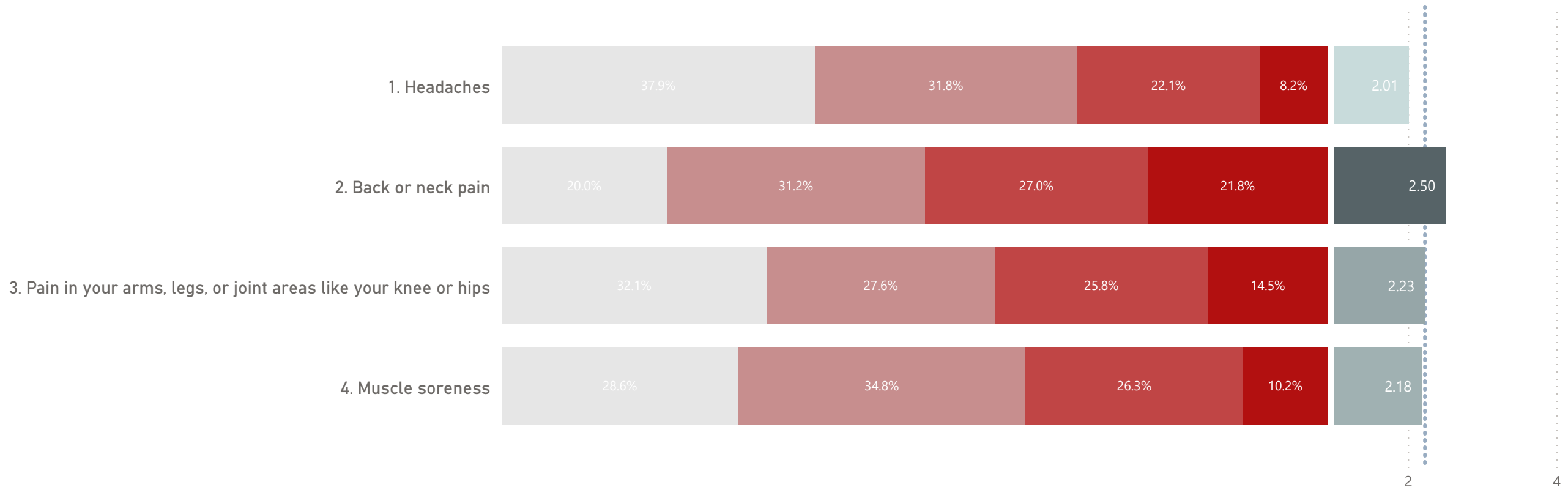
Demerouti, E., & Peeters, M. C. (2018). Transmission of reduction-oriented crafting among colleagues: A diary study on the moderating role of working conditions. *Journal of Occupational and Organizational Psychology*, 91(2), 209-234.

Sample	Scale Average	Scale
6260	3.14	1 - 5
	Scale Total 18.85	

Physical Health

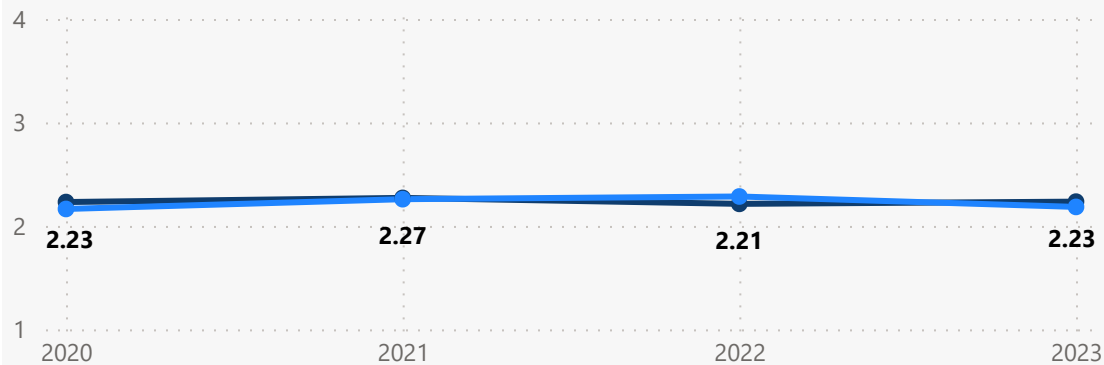
Response ● Not at all ● A little ● Some ● A lot

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Physical Health items assess the frequency of an individual to suffer from various physical pains and problems. A higher score indicates worse outcomes.

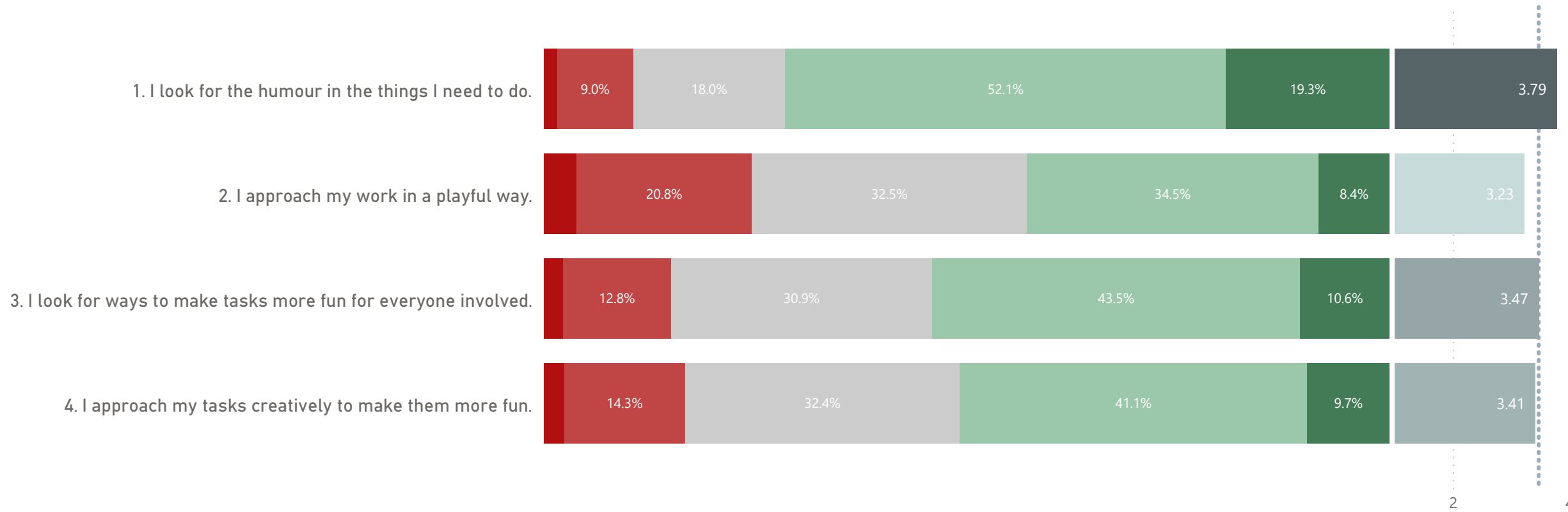
Dollard, M. F., & Bailey, T. S. (2014). *The Australian Workplace Barometer: Psychosocial safety climate and working conditions in Australia*. Australian Academic Press.

Sample	Scale Average	Scale
6184	2.23	1 - 4
	Scale Total	
	8.92	

Playful Work Design

Response ● Strongly disagree ● Disagree ● Neither agree nor disagree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Playful Work Design is defined as "the proactive cognitive-behavioural orientation that employees engage in to incorporate play into their work activities to promote fun and challenge."

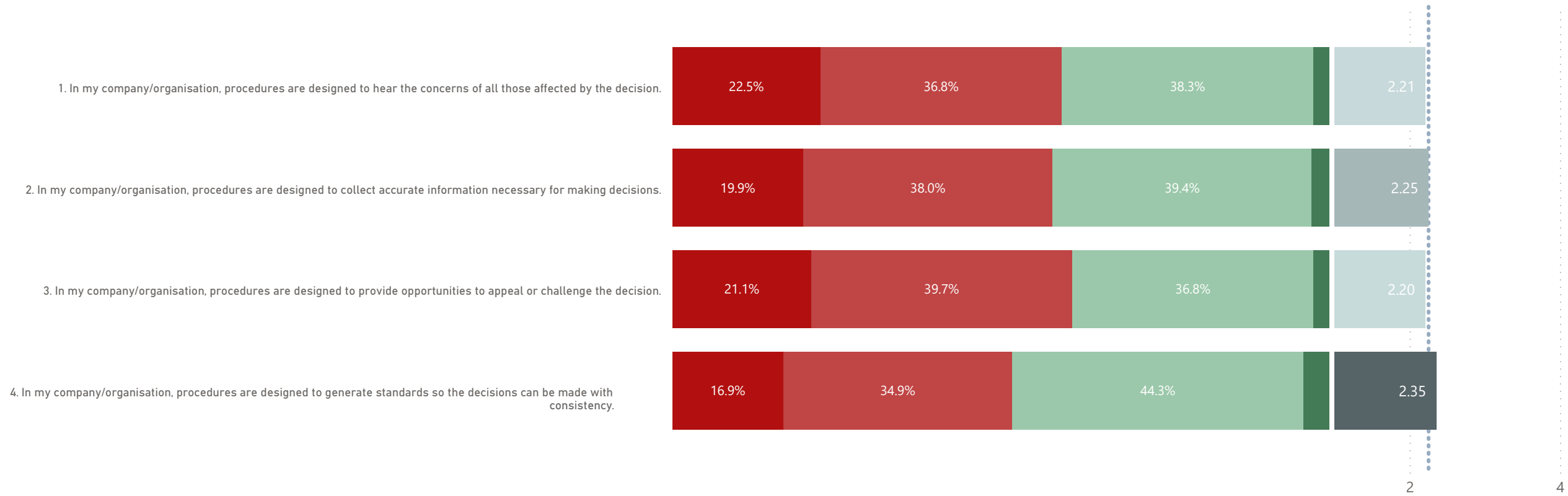
Scharp, Y. S., Bakker, A. B., Breevaart, K., Kruup, K., & Uusberg, A. (2023). Playful work design: Conceptualization, measurement, and validity. *Human relations*, 76(4), 509-550.

Sample	Scale Average	Scale
2332	3.48	1 - 5
	Scale Total	
	13.90	

Procedural Justice

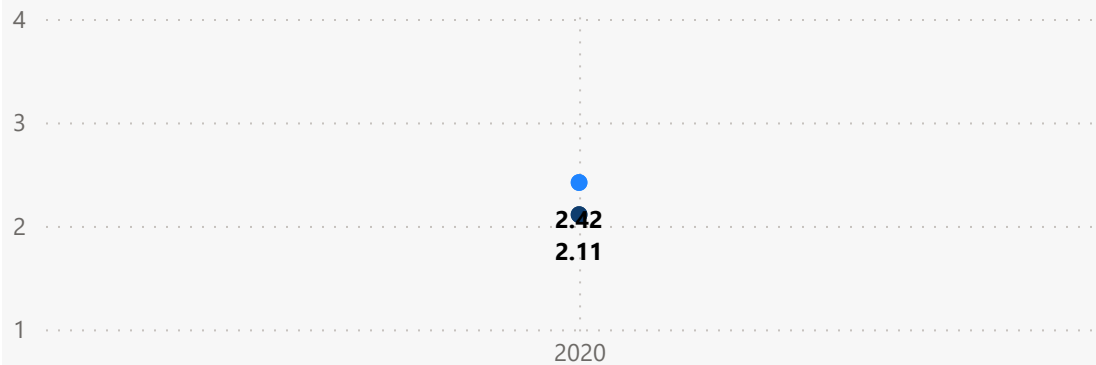
Response ● Strongly disagree ● Disagree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Procedural Justice is the sense that decision-making and processes within an institution are fair and just. It is also concerned with the extent to which people feel heard in the decision-making process.

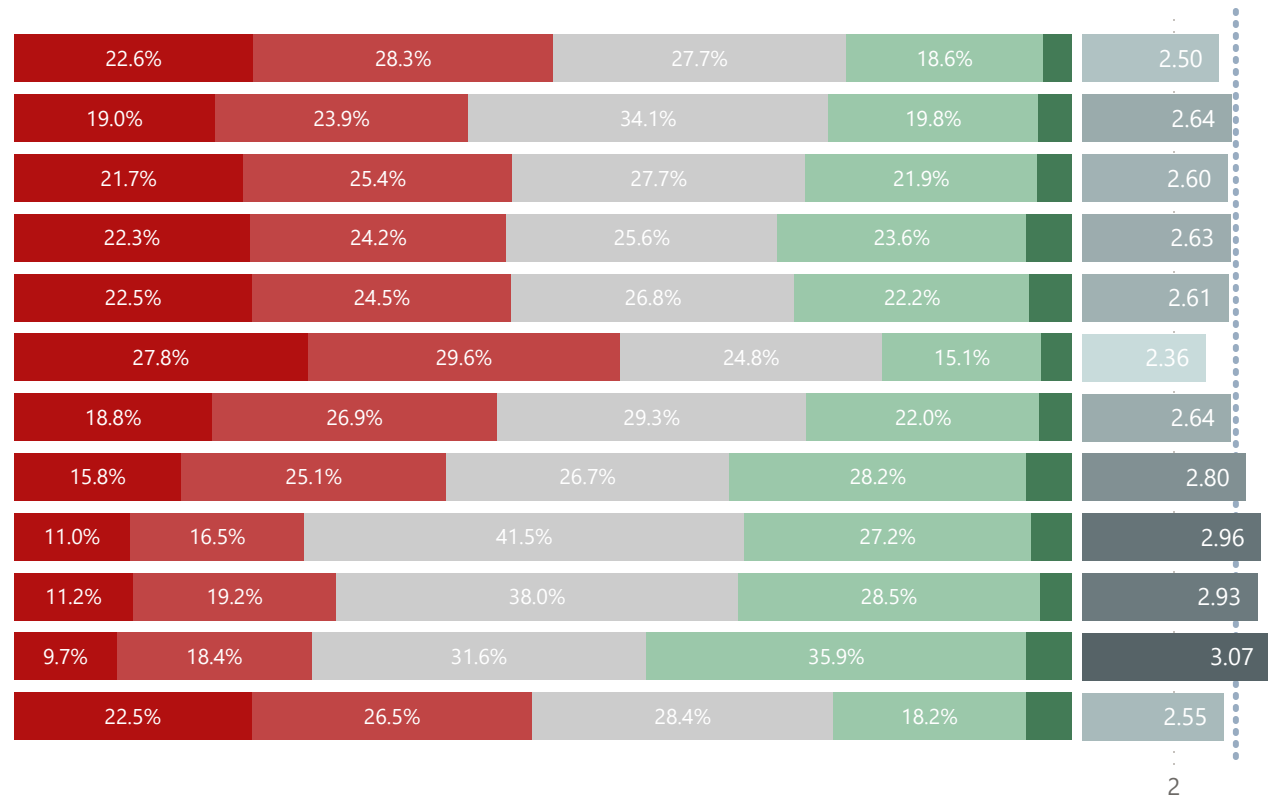
Job Content Questionnaire Centre. (2012). The job content questionnaire (JCQ2). Department of Work Environment: University of Massachusetts.

Sample	Scale Average	Scale
2071	2.25	1 - 4
	Scale Total	
	9.01	

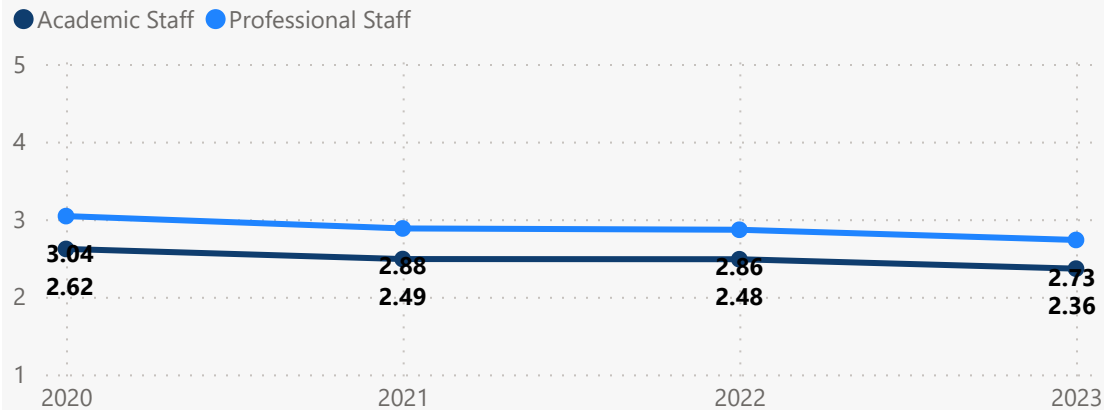
Response ● Strongly disagree ● Disagree ● Neither agree or disagree ● Agree ● Strongly agree

Average Score Per Item

1. In my workplace senior management acts quickly to correct problems/issues that affect employees' psychological health.
2. Senior management acts decisively when a concern of an employees' psychological status is raised.
3. Senior management show support for stress prevention through involvement and commitment.
4. Psychological well-being of staff is a priority for this organisation.
5. Senior management clearly considers the psychological health of employees to be of great importance.
6. Senior management considers employee psychological health to be as important as productivity.
7. There is good communication here about psychological safety issues which affect me.
8. Information about workplace psychological well-being is always brought to my attention by my manager/supervisor.
9. My contributions to resolving occupational health and safety concerns in the organisation are listened to.
10. Participation and consultation in psychological health and safety occurs with employees, unions and health and safety representatives in my workplace.
11. Employees are encouraged to become involved in psychological safety and health matters.
12. In my organisation, the prevention of stress involves all levels of the organisation.



Average by Year and Work Role



Psychosocial Safety Climate is a tool and a measure for assessing the corporate climate for worker health. It is a highly used and cited metric for understanding workplace conditions and predicting future wellbeing of workers.

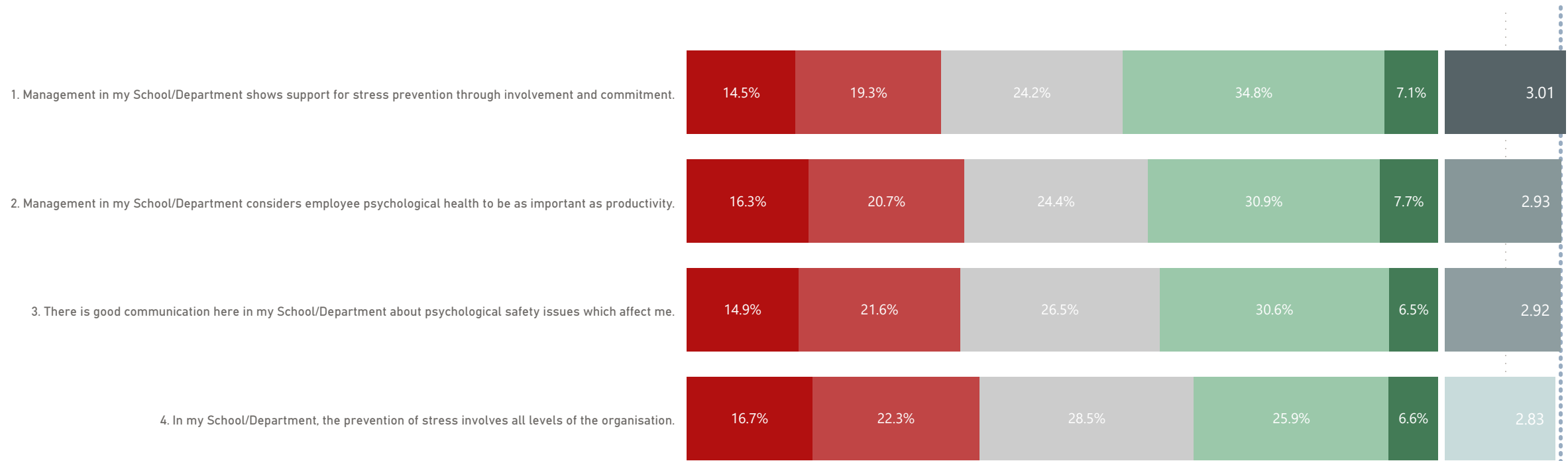
Hall, G. B., Dollard, M. F., & Coward, J. (2010). Psychosocial safety climate: Development of the PSC-12. *International Journal of Stress Management*, 17(4), 353-383. <https://doi.org/10.1037/a0021320>

Sample	Scale Average	Scale
6138	2.69	1 - 5
	Scale Total	
	32.29	

PSC4 School

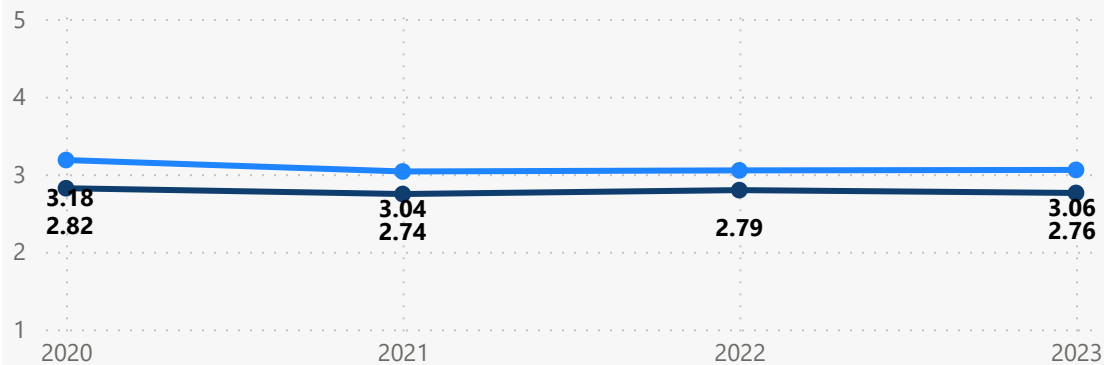
Response ● Strongly disagree ● Disagree ● Neither agree or disagree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Psychosocial Safety Climate 4 at the School Level is a condensed version of the PSC tool. It specifically asks questions of the department a worker finds themselves in, and features one question each for PSC's sub-categories: management commitment, management priority, organisational communication and organisational participation.

Dollard, M. F. (2019). The PSC-4; A Short PSC Tool. Psychosocial safety climate: A new work stress theory, 385-409.

Sample	Scale Average	Scale
6119	2.92	1 - 5
	Scale Total 11.69	

PSC4 Team

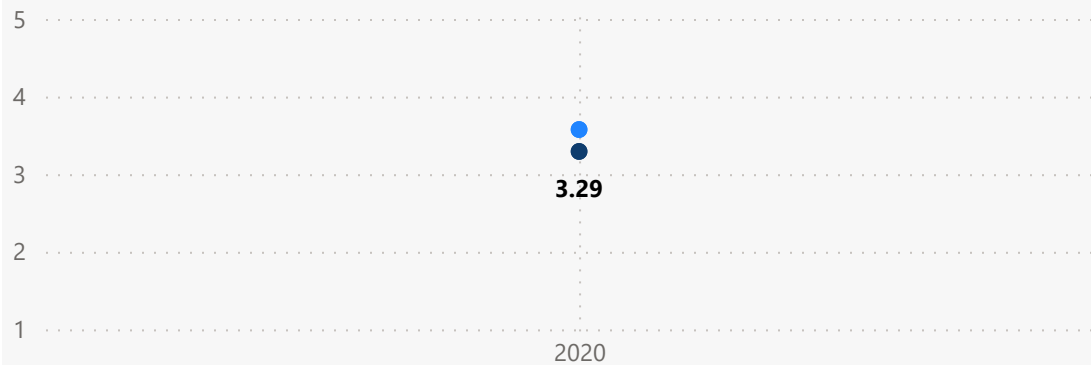
Response ● Strongly disagree ● Disagree ● Neither agree or disagree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Psychosocial Safety Climate 4 at the Team Level is a condensed version of the PSC tool. It specifically asks questions of direct working group a worker finds themselves in, and features one question each for management commitment, management priority, organisational communication and organisational participation.

Dollard, M. F. (2019). The PSC-4; A Short PSC Tool. Psychosocial safety climate: A new work stress theory, 385-409.

Sample	Scale Average	Scale
1678	3.45	1 - 5
	Scale Total 13.80	

Restructuring

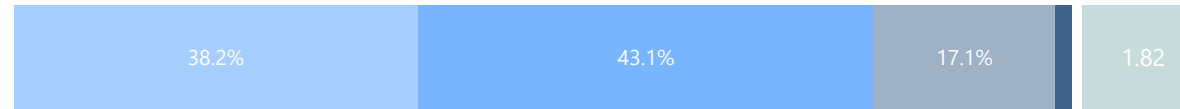
Response ● Strongly disagree ● Disagree ● Agree ● Strongly agree

Average Score Per Item

1. In your university, there have been changes such as restructuring, downsizing, and layoffs that have significantly affected your job.



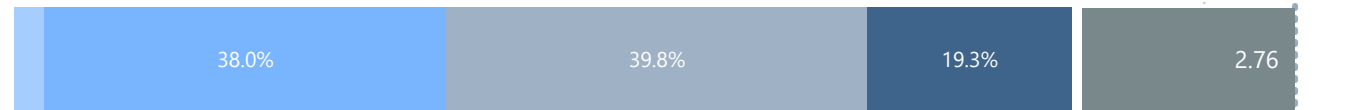
2. In your university, you have had some influence over change processes.



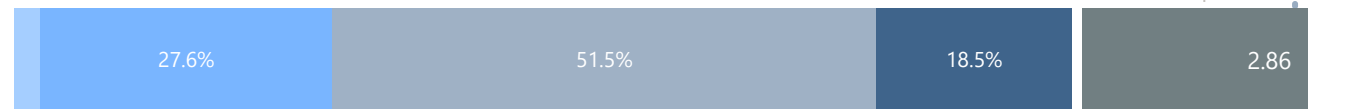
3. In your university, new policies and procedures designed to cut costs are constantly being introduced where you work.



4. In your university, there is frequent management turnover.



5. My university is constantly introducing new technology.



Average by Year and Work Role

● Academic Staff ● Professional Staff



These questions relate to an individual's experience of restructuring within the university and what impulses govern those changes. It is derived from the questionnaire used in the Australian Workplace Barometer, a leading survey of Australian workplace conditions and health outcomes.

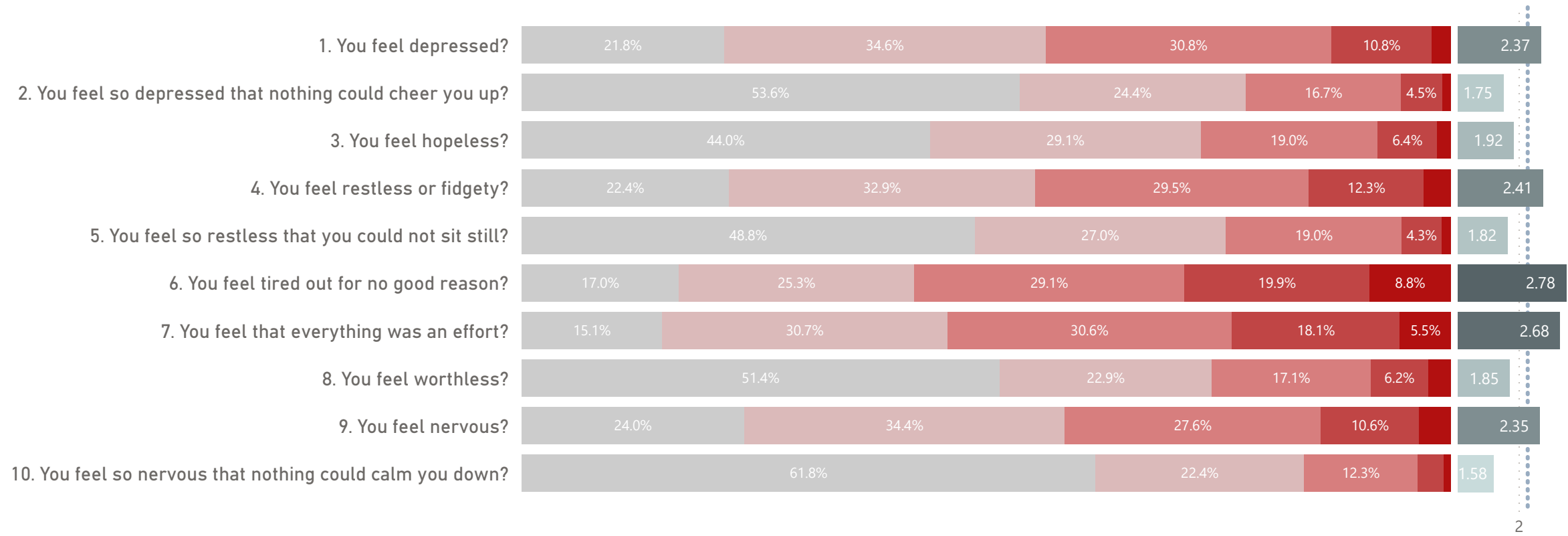
Dollard, M. F., & Bailey, T. S. (2014). *The Australian Workplace Barometer: Psychosocial safety climate and working conditions in Australia*. Australian Academic Press.

Sample	Scale Average	Scale
1000	3.03	1 - 4
	Scale Total 15.14	

K10

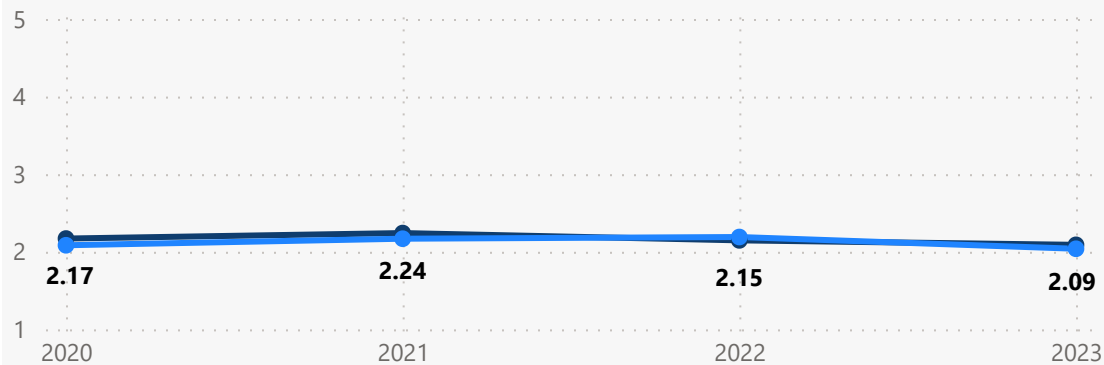
Response ● None of the time ● A little of the time ● Some of the time ● Most of the time ● All of the time

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Psychological Distress or the K10 scale asks about the frequency an individual suffers from the symptoms of psychological distress, including tiredness, nervousness and depressive symptoms.

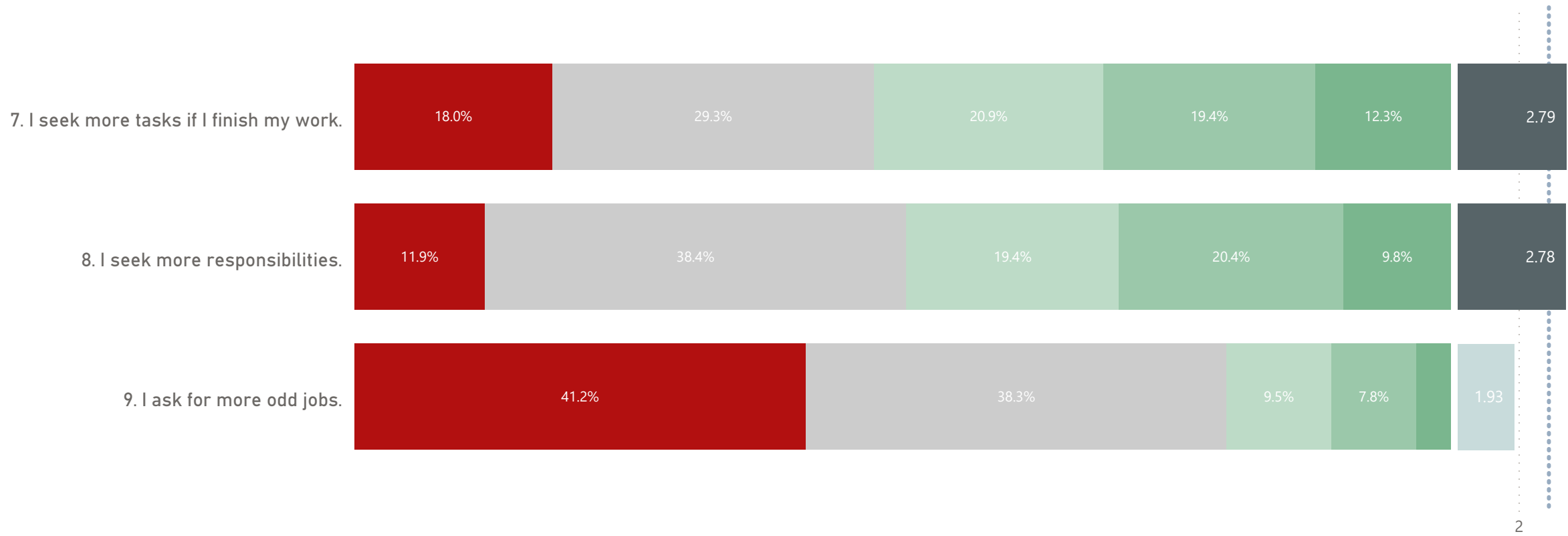
Kessler R.C., Mroczek D.K. (1994) Final versions of our Non-specific Psychological Distress Scale Memo dated March 10 1994 Ann Arbor Mi, Survey Research Center for Social Research, University of Michigan.

Sample	Scale Average	Scale
6190	2.15	1 - 5
	Scale Total 21.51	

Seeking Challenges

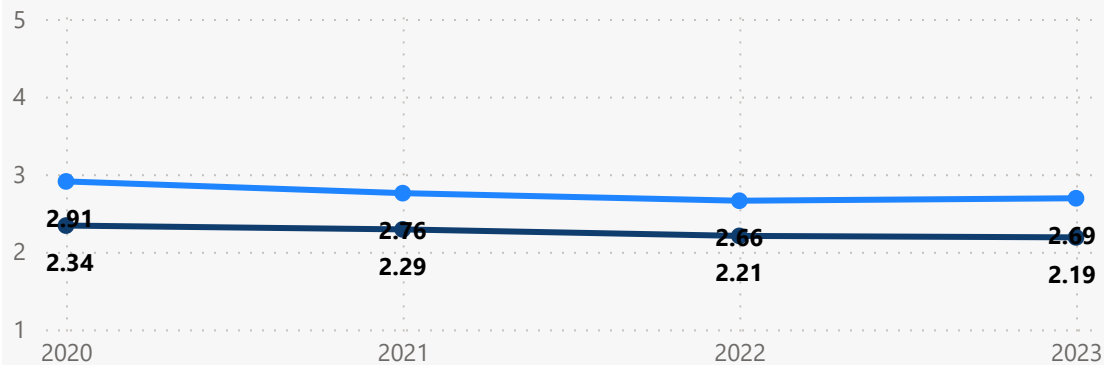
Response ● Never ● Sometimes ● Regularly ● Often ● Very Often

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Seeking Challenges is the tendency for an individual to feel like they should take on more tasks, responsibilities and work. It is a measure of an individual's enthusiasm as well as work-conditioned capacity.

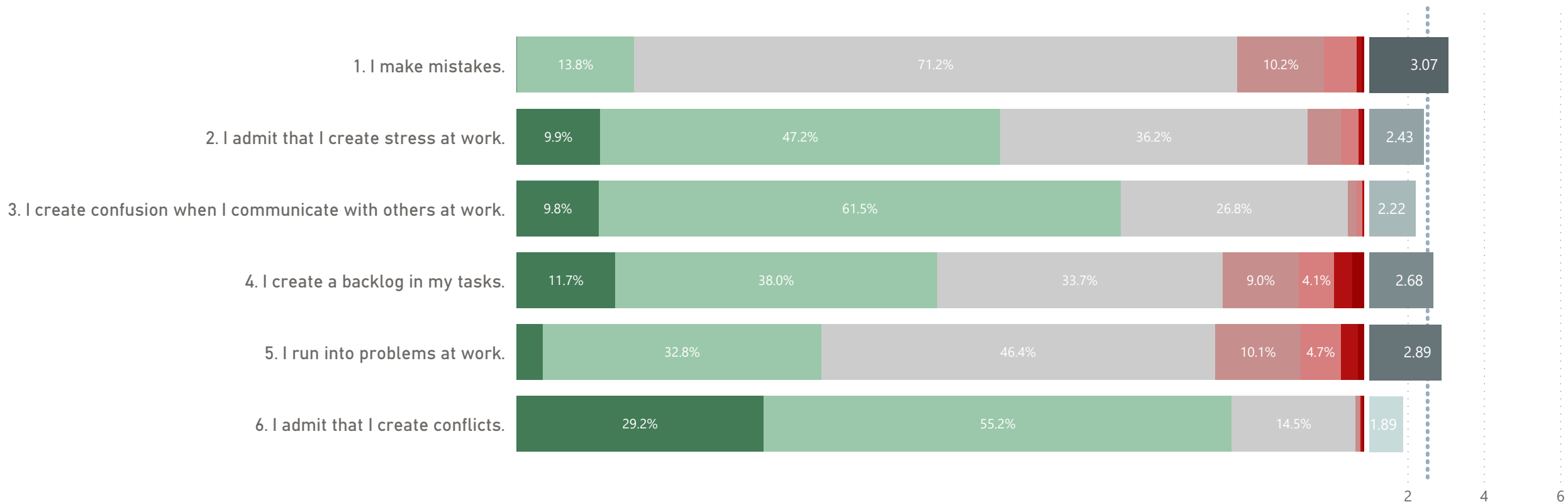
Petrou, P., Demerouti, E., Peeters, M. C., Schaufeli, W. B., & Hetland, J. (2012). Crafting a job on a daily basis: Contextual correlates and the link to work engagement. *Journal of Organizational Behavior*, 33(8), 1120-1141.

Sample	Scale Average	Scale
6248	2.50	1 - 5
	Scale Total 7.50	

Self-Undermining

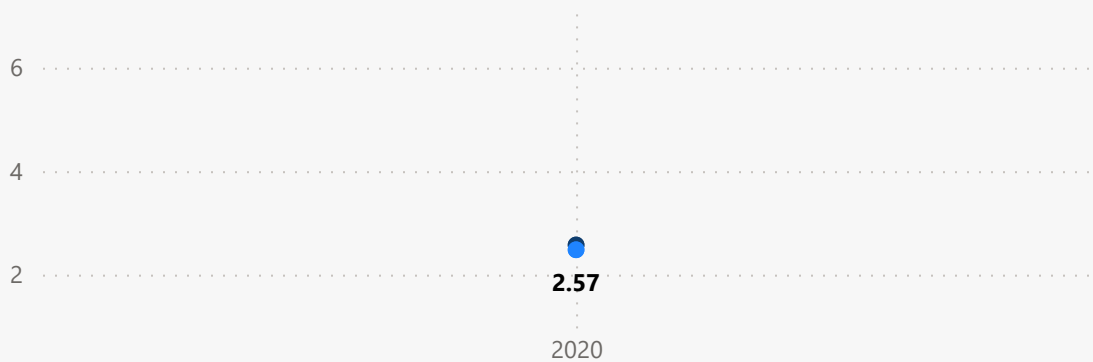
Response ● Never ● Rarely ● Sometimes ● Regularly ● Often ● Very Often ● Always

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Self-undermining refers to a set of behaviours that individuals may exhibit that create self-imposed barriers impeding performance.

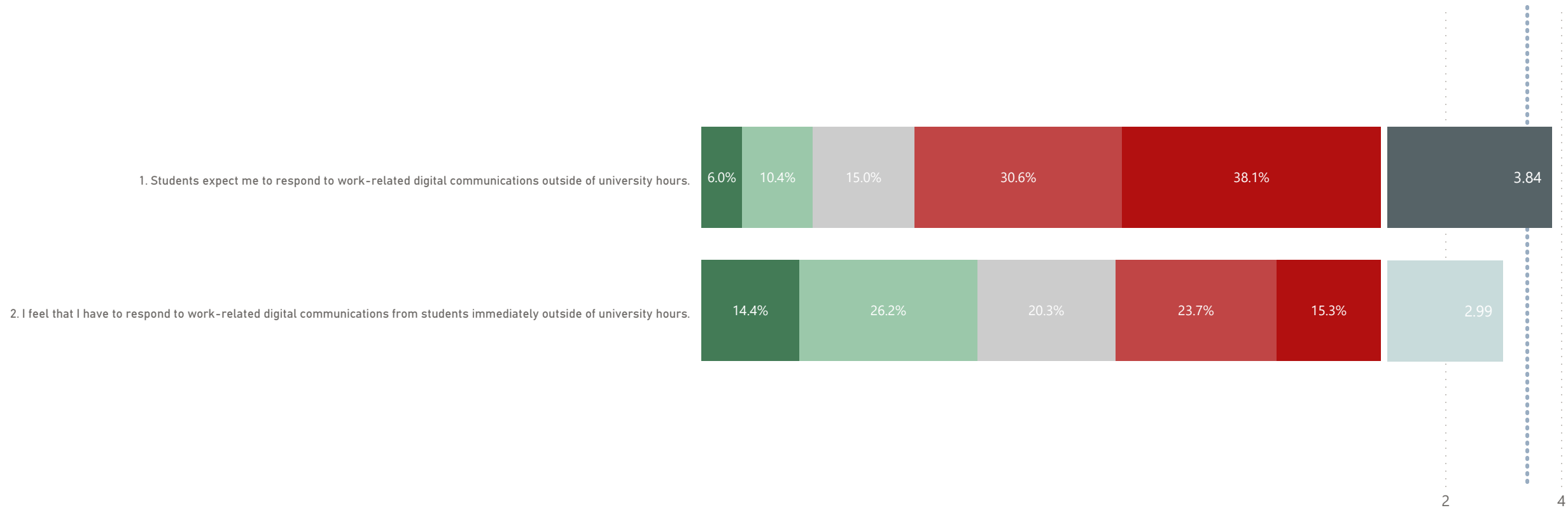
Bakker, A. B., & Wang, Y. (2020). Self-undermining behavior at work: Evidence of construct and predictive validity. *International Journal of Stress Management*, 27(3), 241–251. <https://doi.org/10.1037/str0000150>

Sample	Scale Average	Scale
2173	2.53	1 - 7
	Scale Total	
	15.18	

Student Digital Expectation

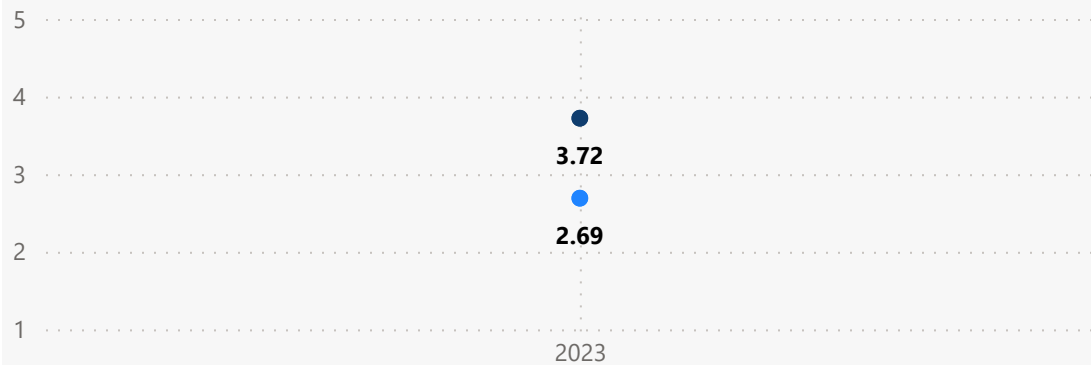
Response ● Strongly disagree ● Disagree ● Neither agree nor disagree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Student Digital Expectation looks at the extent teaching staff feel pressure from students through digital means. It is a novel measure of the demands implicitly and explicitly placed on staff which affect their work.

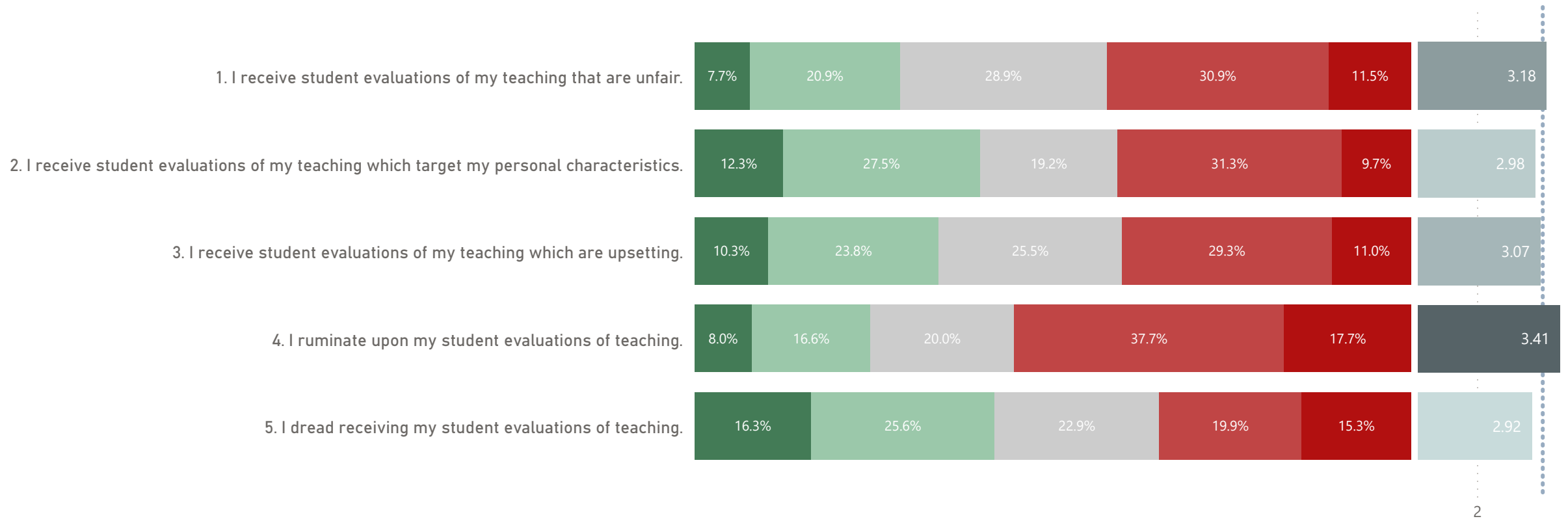
Adapted from Derks, D., van Duin, D., Tims, M., & Bakker, A. B. (2015). Smartphone use and work-home interference: The moderating role of social norms and employee work engagement. *Journal of Occupational and Organizational Psychology*, 88(1), 155-177.

Sample	Scale Average	Scale
767	3.42	1 - 5
	Scale Total 6.84	

Student Evaluation

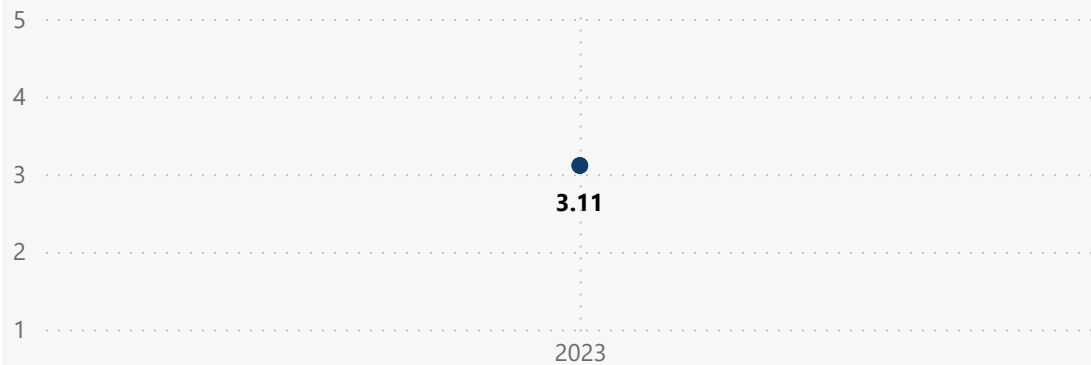
Response ● Strongly disagree ● Disagree ● Neither agree nor disagree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff



Student Evaluation - Negative looks at the extent teaching staff are subjected to stressors and strains from their students, including through teaching evaluations.

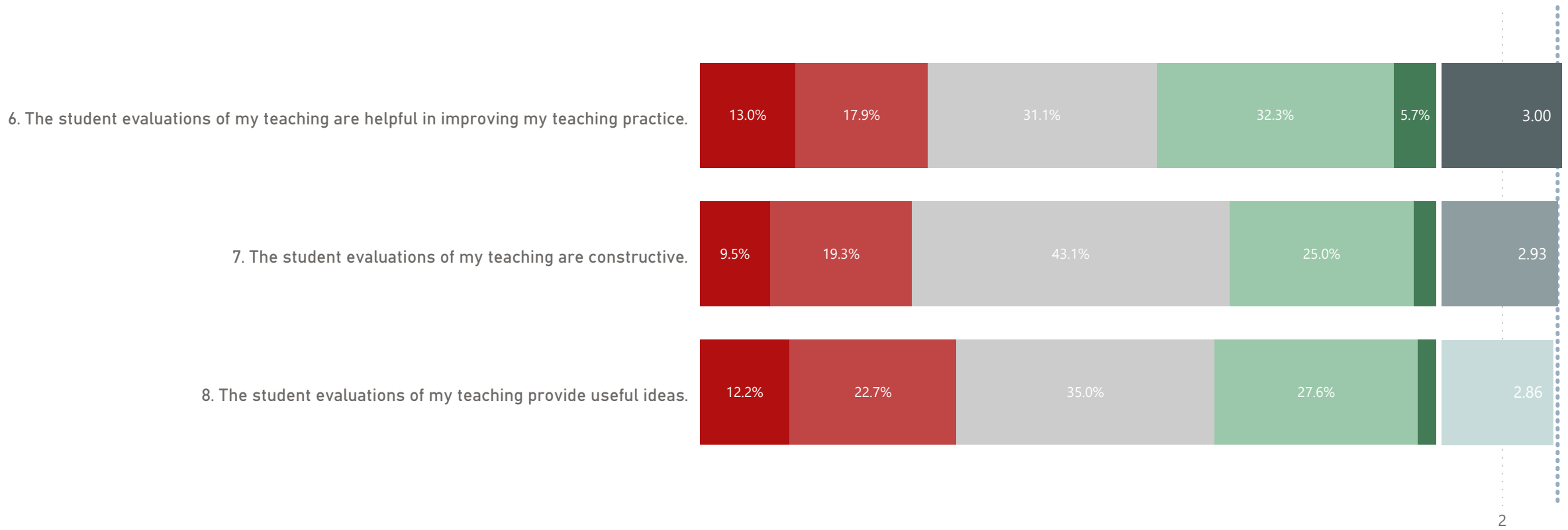
Note: these are negatively worded questions. This domain's questions continue on the next page.

Sample	Scale Average	Scale
530	3.11	1 - 5
	Scale Total	
	15.56	

Student Evaluation

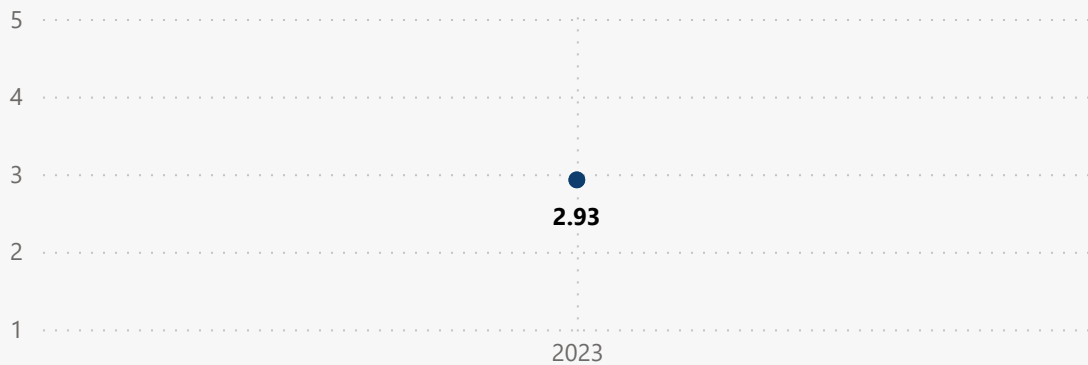
Response ● Strongly disagree ● Disagree ● Neither agree nor disagree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff



Student Evaluation - Positive looks at the extent teaching staff gain useful insight from student evaluations.

Note these are positively worded questions. This domain's questions continue on the previous page.

Sample	Scale Average	Scale
526	2.93	1 - 5
	Scale Total 8.78	

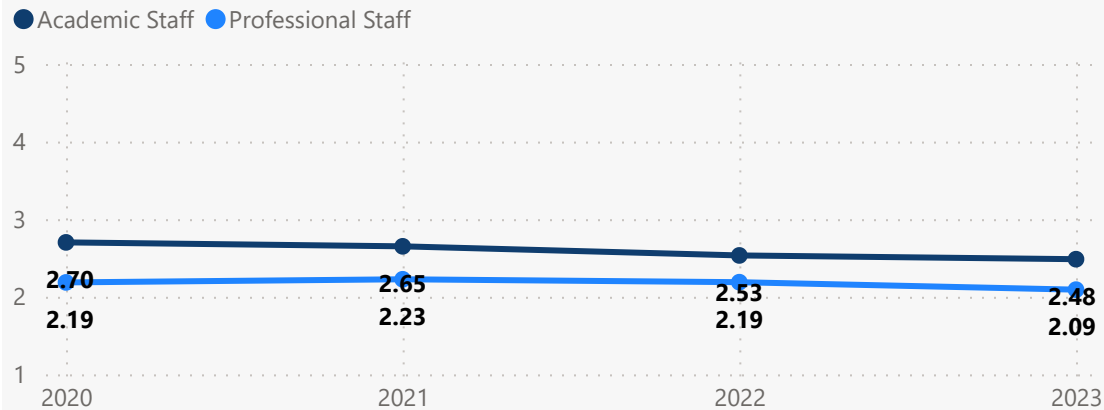
Supervisor Digital Expectations

Response ● Strongly disagree ● Disagree ● Neither agree nor disagree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role



Supervisor Digital Expectations refer to the prevalence of a culture demanding constant engagement with digital communication forms, including email.

Derks, D., van Duin, D., Tims, M., & Bakker, A. B. (2015). Smartphone use and work-home interference: The moderating role of social norms and employee work engagement. *Journal of Occupational and Organizational Psychology*, 88(1), 155-177.

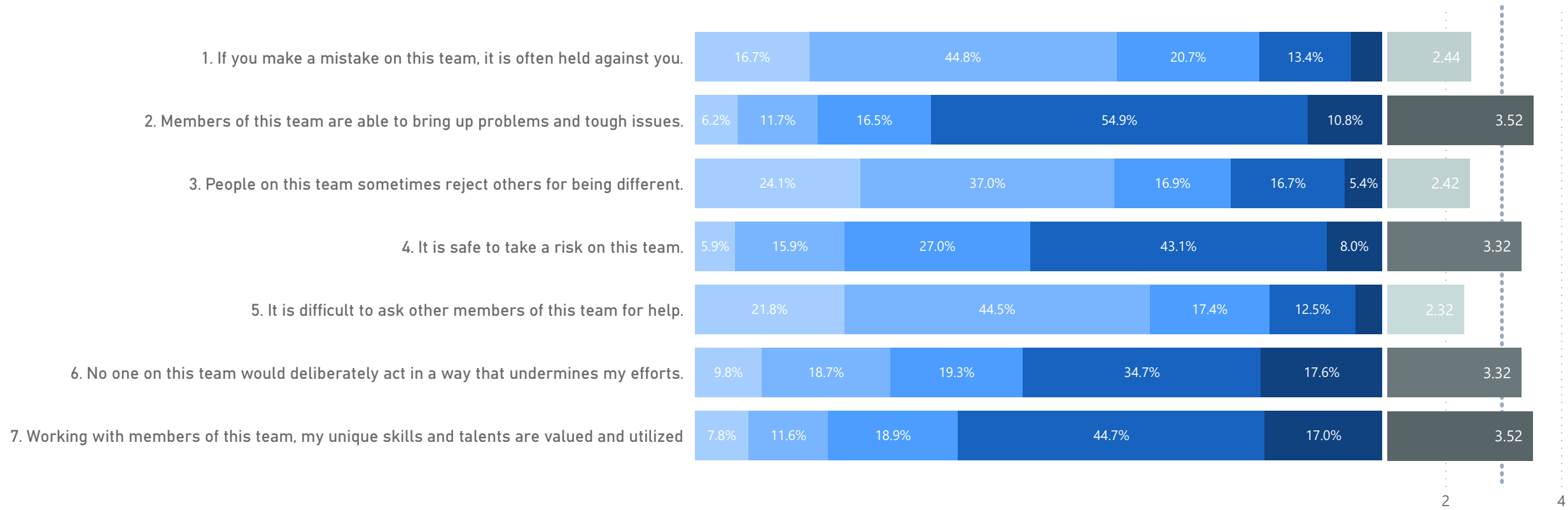
Sample	Scale Average	Scale
6270	2.42	1 - 5
	Scale Total 9.68	

Team Psychological Safety



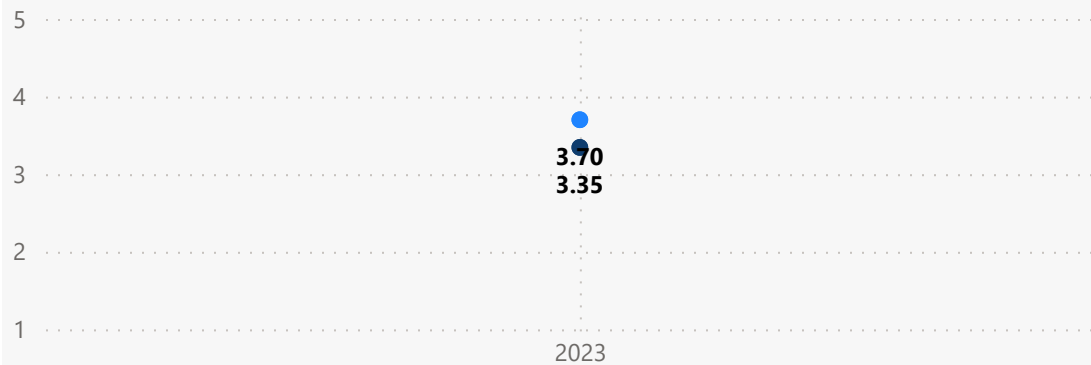
Response ● Strongly disagree ● Disagree ● Neither agree or disagree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Team Psychological Safety looks at freedom for individuals to voice opinions at the workgroup level without fear of negative repercussions.

Edmondson, A. (1999). Psychological safety and learning behavior in work teams. Administrative science quarterly, 44(2), 350-383.

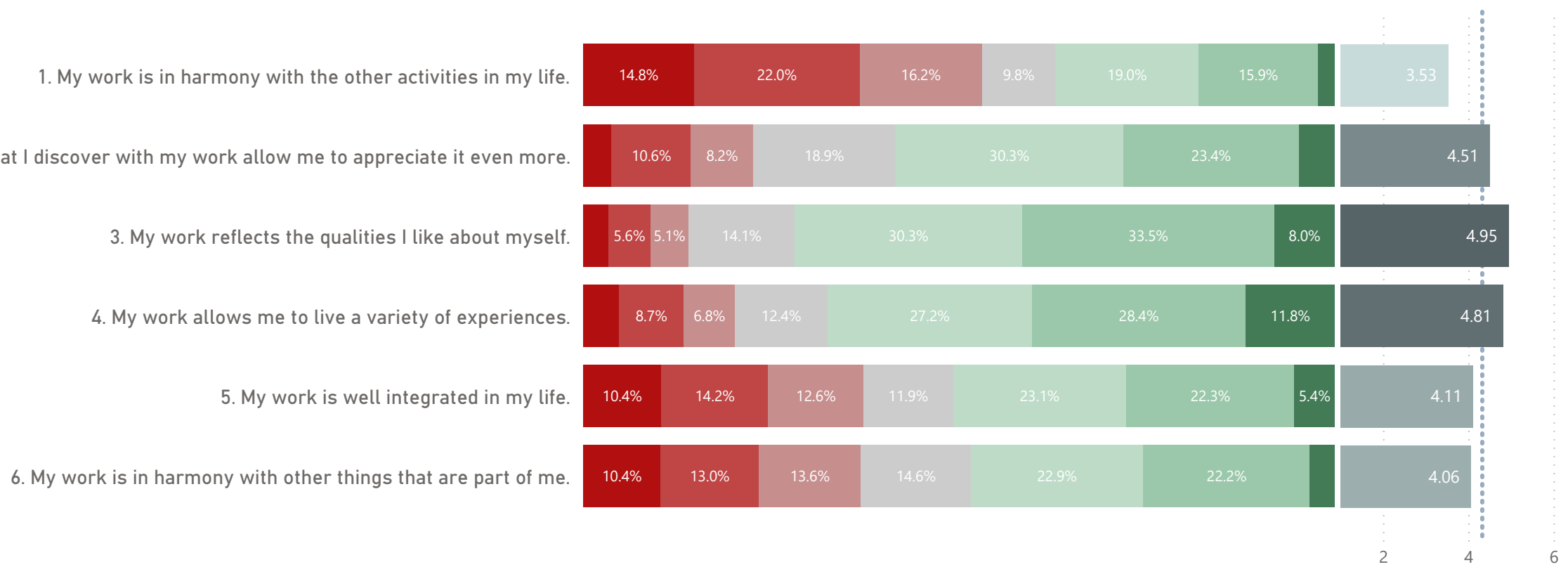
Note: items 1, 3 and 5 are reverse coded. Further clarification is within the appendix.

Sample	Scale Average	Scale
937	3.50	1 - 5
	Scale Total	
	24.48	

Work Harmony

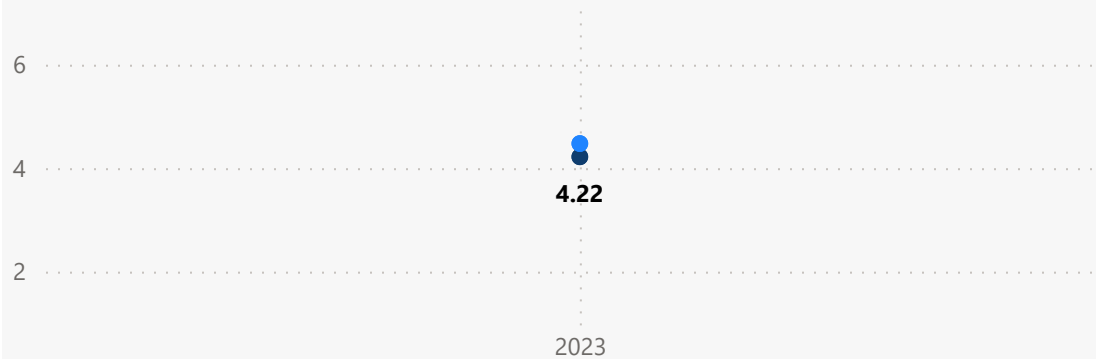
Response ● Strongly disagree ● Disagree ● Slightly disagree ● Neither agree nor disagree ● Slightly agree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Work Harmony is a healthy and functional relationship with work where an individual enjoys their job. It promotes healthy adaptation to an individual's work.

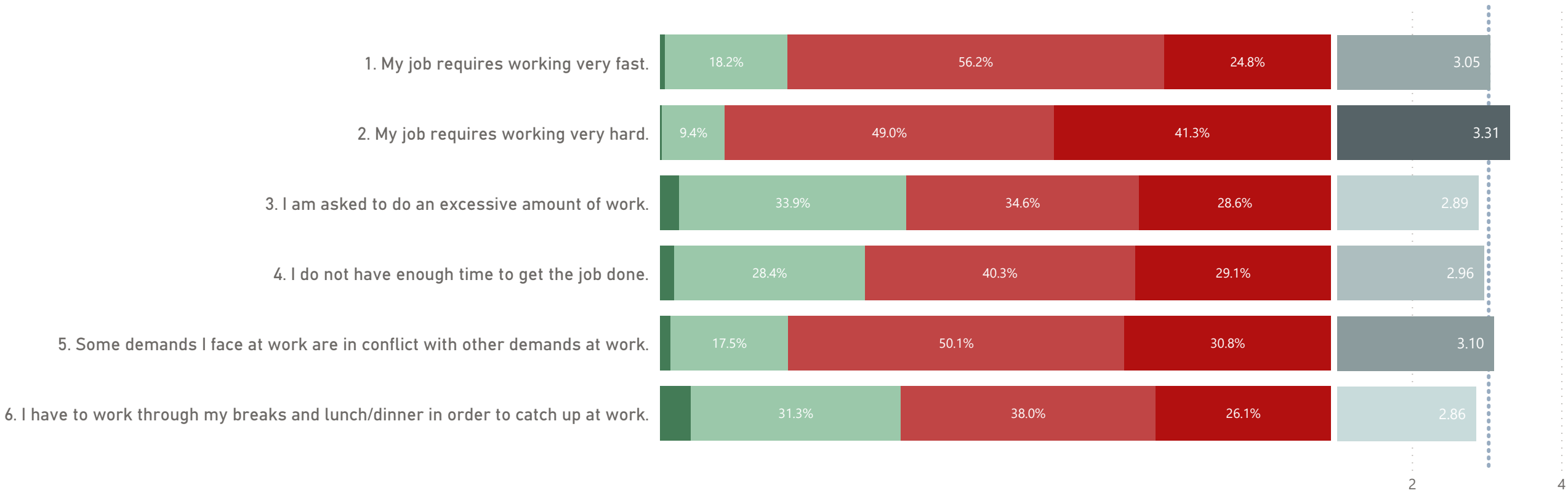
Vallerand, R. J., Blanchard, C. M., Mageau, G. A., Koestner, R., Ratelle, C., Léonard, M., ...Marsolais, J. (2003). Les passions de l'ame: On obsessive and harmonious passion. *Journal of Personality and Social Psychology*, 85, 756–767.

Sample	Scale Average	Scale
950	4.33	1 - 7
	Scale Total	
	25.97	

Work Pressure

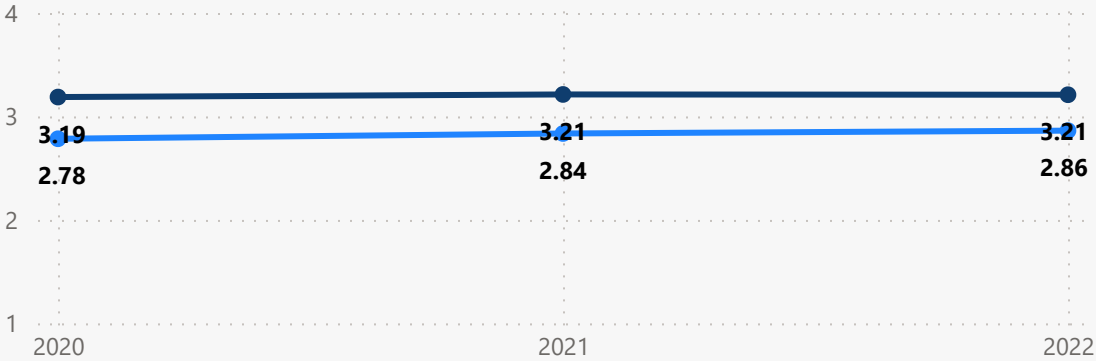
Response ● Strongly disagree ● Disagree ● Agree ● Strongly agree

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Work Pressure measures the strain an individual faces when on the job. It captures the speed, intensity and demands of tasks as part of the experience of working.

Karasek, R. A., Brisson, C., Kawakami, N., Houtman, I., Bongers, P., & Amick, B. (1998). The job content questionnaire (JCQ): An instrument for internationally comparative assessment of psychosocial job characteristics. *Journal of Occupational Health Psychology*, 3, 322–355.

Sample	Scale Average	Scale
5289	3.03	1 - 4
	Scale Total	
	18.17	

Work-Family Conflict

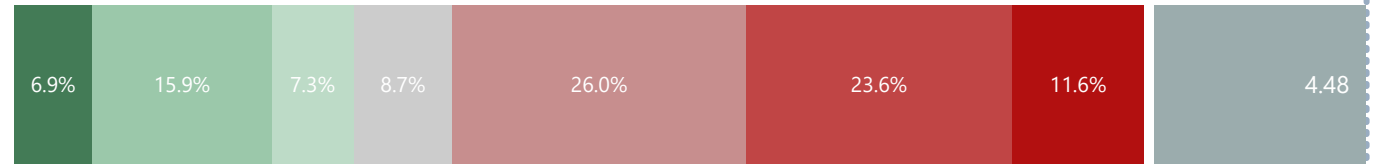
Response ● Strongly disagree ● Disagree ● Slightly disagree ● Neither agree nor disagree ● Slightly agree ● Agree ● Strongly agree

Average Score Per Item

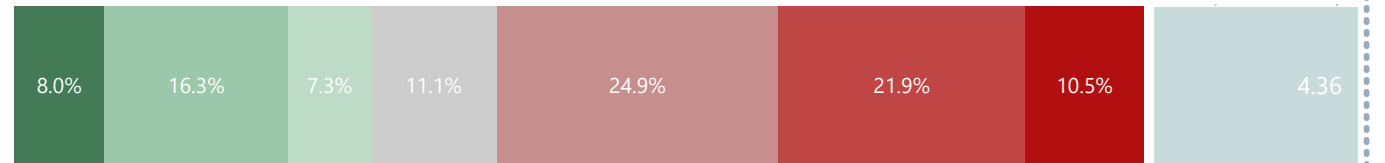
1. The demands of my work interfere with my home life.



2. The amount of time my job takes up makes it difficult to fulfill home responsibilities.

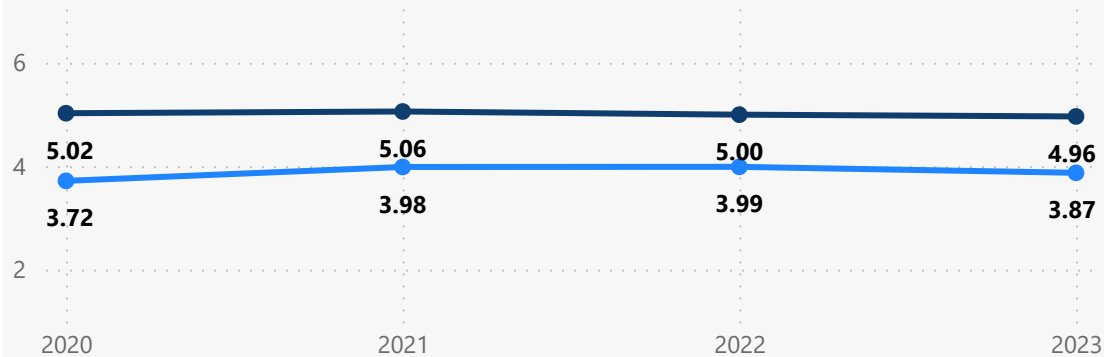


3. My job produces strain that makes it difficult to fulfill home duties.



Average by Year and Work Role

● Academic Staff ● Professional Staff



Work-Family Conflict measures the impact that work demands have on family and home life, including duties at home.

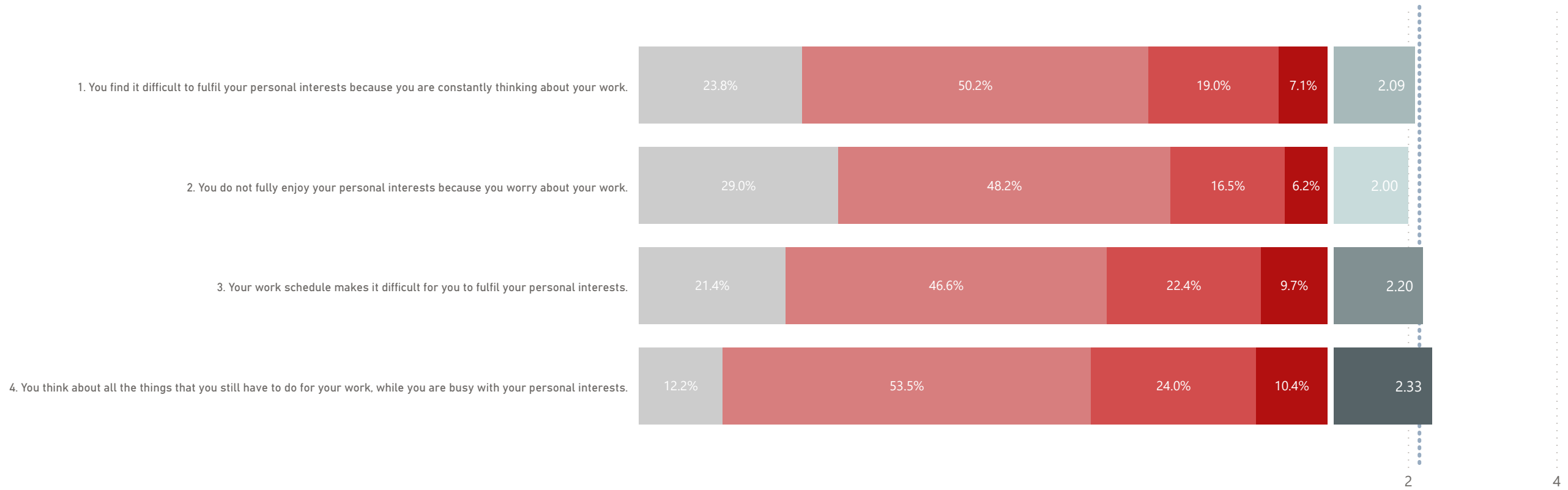
Netemeyer, R. G., Boles, J. S., & McMurrin, R. (1996). Development and validation of work-family conflict and family-work conflict scales. *Journal of Applied Psychology*, 81(4), 400-410.

Sample	Scale Average	Scale
6059	4.50	1 - 7
	Scale Total 13.51	

Work-Self Conflict

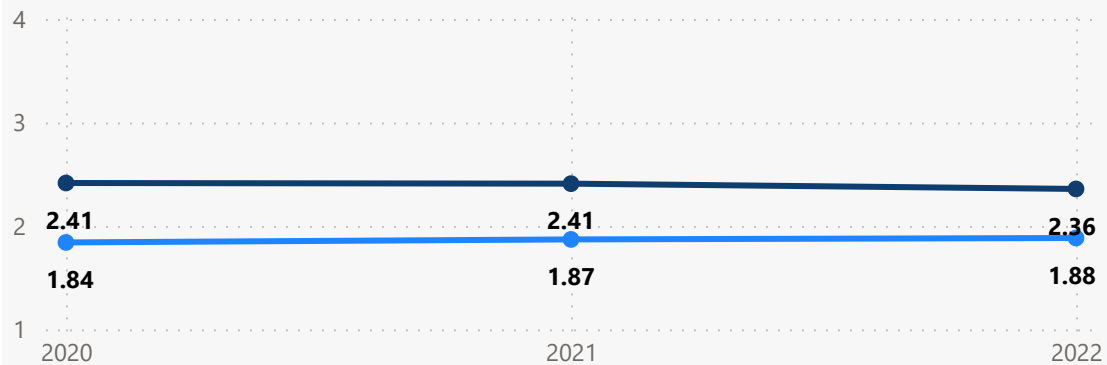
Response ● Never ● Sometimes ● Most of the time ● Always

Average Score Per Item



Average by Year and Work Role

● Academic Staff ● Professional Staff



Work-Self Conflict is the extent to which work interferes and distracts from personal interests outside of work.

Demerouti, E. (2009). Introducing the work-family-self balance: Validation of a new scale. Paper presented at Ill Community, Work and Family conference, April 16–18, 2009, Utrecht, The Netherlands.

Sample	Scale Average	Scale
5130	2.16	1 - 4
	Scale Total 8.62	

Appendix

Notes on the Study and Report

Wave 1 of the survey was conducted in 2020, wave 2 was 2021, wave 3 was 2022 and wave 4 was 2023. Participants in waves 1 and 2 of the survey were contacted through a range of methods, including through university communications and the National Tertiary Education Union (NTEU). Waves 3 and 4 were all previous participants. We note that due to some significant changes in staff numbers through this period, participant attrition is noticeable, especially considering we only contacted previous respondents for waves 3 and 4. This was after the worst of the staff losses in the sector in from 2020 to 2022.

Gender: While the survey encouraged self-identification, due to the low proportion in the data gender information other than female and male were removed from the dataset. However, their data is still included as part of means and aggregations.

University Affiliation

Australian Technology Network: Curtin University, Deakin University, Royal Melbourne Institute of Technology, University of South Australia, University of Technology Sydney

Group of 8: Australian National University, Monash University, University of Adelaide, University of Melbourne, University of New South Wales, University of Queensland, University of Sydney, University of Western Australia

Innovative Research Universities: Charles Darwin University, Flinders University, Griffith University, James Cook University, La Trobe University, Macquarie University, University of Canberra, Western Sydney University

Regional Universities Network: Central Queensland University, Charles Sturt University, Federation University, Southern Cross University, University of New England, University of Southern Queensland, University of the Sunshine Coast

Other or Unaffiliated Universities: Australian Catholic University, Bond University, Edith Cowan University, Murdoch University, Queensland University of Technology, Swinburne University of Technology, University of Newcastle, University of Notre Dame, University of Tasmania, University of Wollongong, Victoria University

Benchmarks:

PSC: Taken from studies benchmarking PSC against likelihood of developing depressive symptoms.

Range: 12 - 60

Very High Risk: 12 - 26; High Risk: 26 - 37; Medium Risk: 37 - 41; Low Risk: 41 - 60

Often divided by the number of questions with a subsequent range of 1 - 5.

Bailey, T. S., Dollard, M. F., & Richards, P. A. M. (2015). A national standard for psychosocial safety climate (PSC): PSC 41 as the benchmark for low risk of job strain and depressive symptoms. *Journal of Occupational Health Psychology, 20*(1), 15-26. <https://doi.org/10.1037/a0038166>

Dormann, C., Owen, M., Dollard, M. & Guthier, C. (2018). Translating cross-lagged effects into incidence rates and risk ratios: The case of psychosocial safety climate and depression. *Work & Stress, 32*(3), 248-261. <https://doi.org/10.1080/02678373.2017.1395926>

Emotional Exhaustion: Taken from the emotional exhaustion benchmarking as part of the Burnout Assessment Tool (BAT), using a 1500 person sample from Flanders.

Range: 1 - 5

Low Exhaustion: 1 - 1.75; Medium Exhaustion: 1.76 - 2.70; High Exhaustion: 2.71 - 3.74; Very High Exhaustion: 3.75 - 5

Schaufeli, W.B., De Witte, H. & Desart, S. (2019). User Manual - Burnout Assessment Tool (BAT) - Version 2.0. KU Leuven, Belgium: Internal report. <https://burnoutassessmenttool.be/>

Psychological Distress:

Psychological distress is measured with the Kessler 10 (K10) tool.

The following cut-offs were obtained from the Victorian Population Health Survey. Melbourne: Department of Human Services, Victoria; 2001.

Low Distress: 1 - 1.5

Medium Distress: 1.6 - 2.1

Medium Distress: 2.2 - 2.9

Low Distress: 3 - 5

Scales with Varied Question Sentiment and 'Reverse-Coding'

Scale averages and totals are usually calculated by assigning a number to a response. PSC, for example, uses a 1 for "strongly disagree", and a 5 for "strongly agree". Someone who answers all 12 questions as "agree" will receive an average score of 4 (as "agree" uses a score of 4). Their corresponding scale total will be 4 x 12 which is 48. The exception to the norm is when a scale has some questions which mean the opposite. Some scale/domain summaries have a note attached in the description which explains that while most questions have a similar sentiment, others within a scale ask in the opposite (or negative way). In those cases, the scoring for those questions is reversed for the purposes of calculating scale averages and totals. The scales affected are *Cognitive Resources*, *Digital Communication Overload*, *Restructuring* and *Team Psychological Safety*.

Work role data

In the few cases where data was missing for work role (i.e. academic/professional affiliation), data from other waves was used.