

PIRLS Survey Analysis

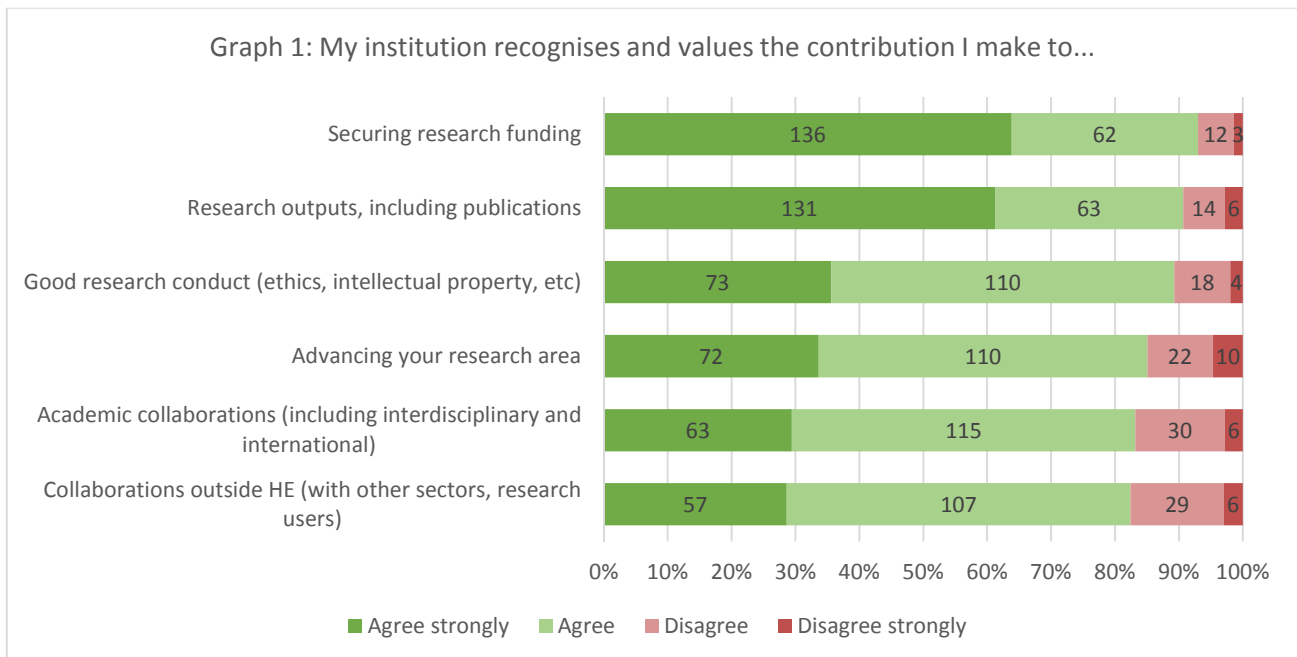
Demographics:

- 215 PIs from UCL responded to the survey.
- **Gender:** 90 (42%) of respondents were female, 125 (58%) were male (there were also 7 respondents who did not identify their gender). Results are presented below where a gender difference has been identified in responses.
- **Disability:** 210 (97%) of respondents did not identify as disabled, while 3 (1%) did. 9 individuals did not respond to the question or selected 'prefer not to say'
- **BME:** only those who were from the UK were asked to identify their ethnicity. Of the 215 respondents, 152 (70%) were from the UK. Of this group, 138 (64% of total respondents) were white, 7 (3% of total respondents) BME, and a further 5 (2%) selecting 'other' or selecting 'prefer not to say'.
- **Nationality:** 152 (70%) respondents were from the UK, with 47 (21%) from the EU, and a further 23 (9%) from a country outside of the EU.

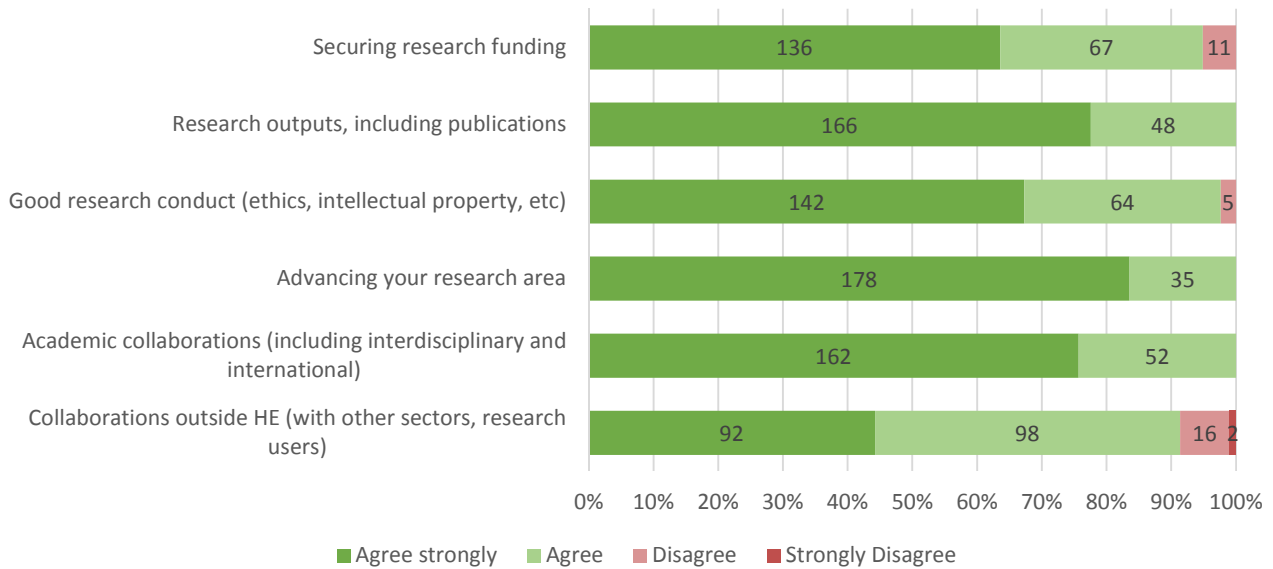
Recognition and Value

Throughout this section, respondents were given a list of activities and asked whether they were recognised by UCL for the contribution they made in these areas, and whether these activities were important parts of being a successful PI.

Research Activity: more than 80% of PIs responded positively, indicating that they felt recognised and valued for their contributions. More than 90% of respondents agreed or strongly agreed that all areas were important to being a successful PI.



Graph 2: I think this activity is very important in being a successful PI/research leader

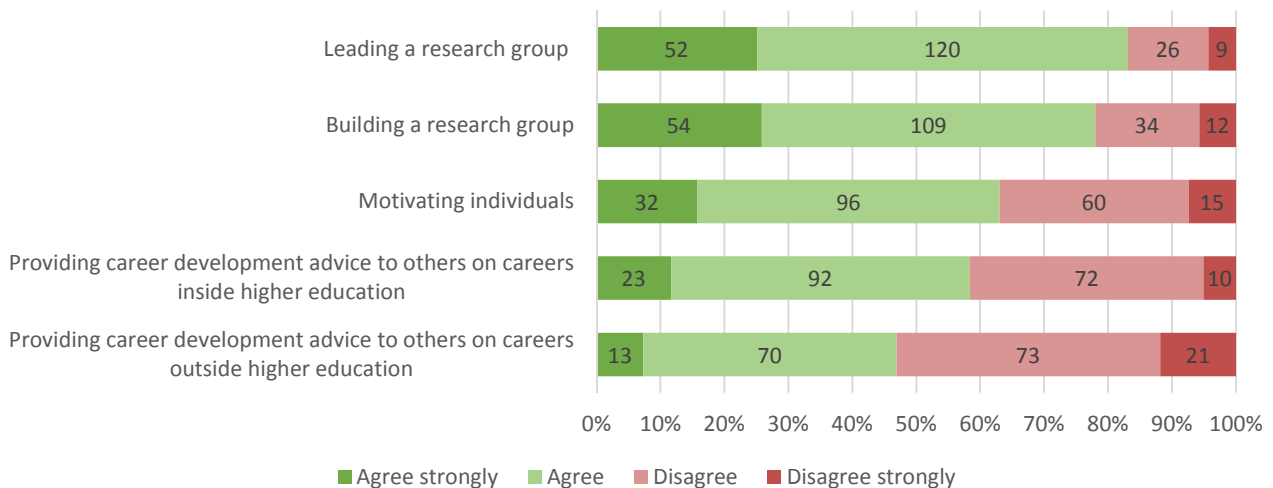


Inspiring/leading other researchers: responses were generally positive in relation to leading and building a research group, with more than 85% agreeing that these activities were recognised and valued by UCL. However, between 37-42% of respondents did not feel they were recognised for motivating individuals or providing career advice on careers in HE, and 53% did not feel recognised for providing career advice on careers outside of HE. Encouragingly, the vast majority of PIs saw all activities as important parts of being a successful PI.

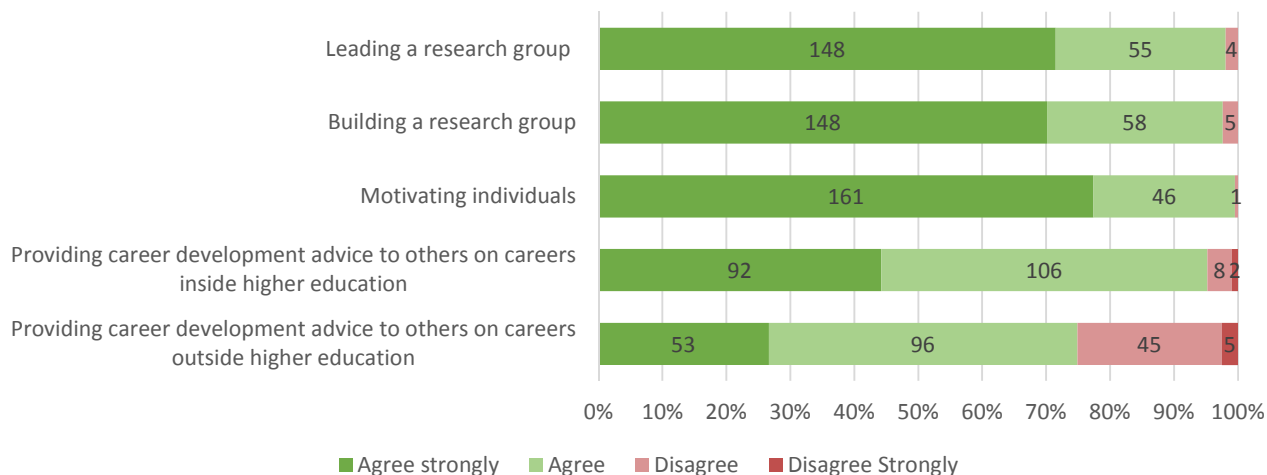
In the analysis of the CROS survey, it was suggested that PIs should be made aware of their role as sponsors and in supporting the career development of early career researchers; ensuring this support is offered to all researchers equitably. However, for this to be successful, it is important that PIs feel they are recognised and valued for providing this support.

Action: consider how to better recognise and value the contributions PIs make in providing career advice and support to early career researchers. For example, strongly link this to 'enabling' as part of promotion.

Graph 3: My institution recognises and values the contribution I make to...



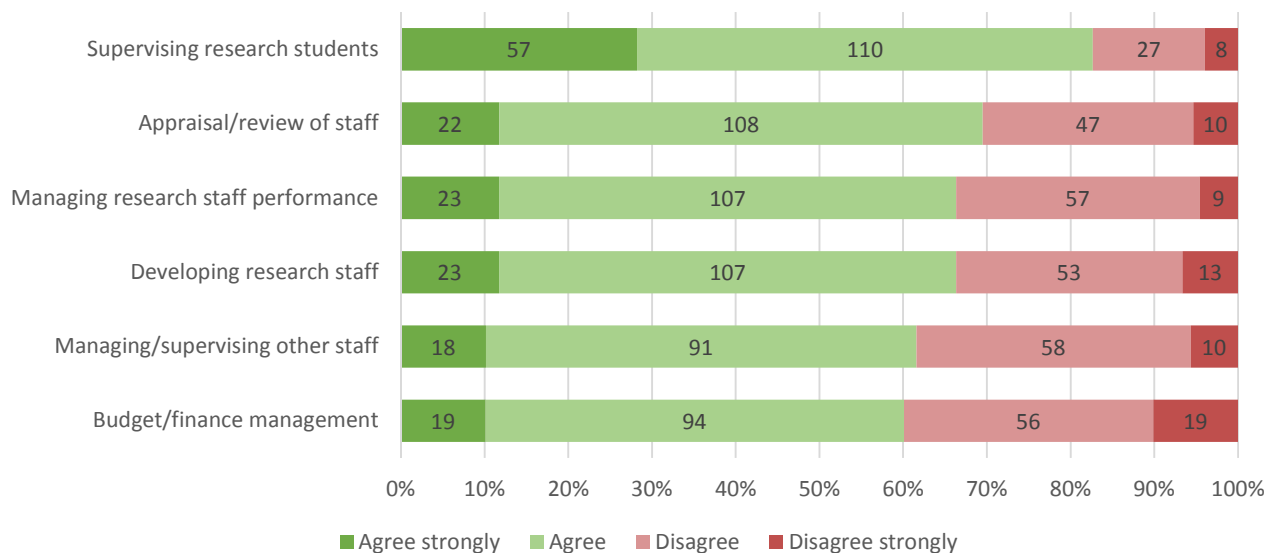
Graph 4: I think this activity is very important in being a successful PI/research leader



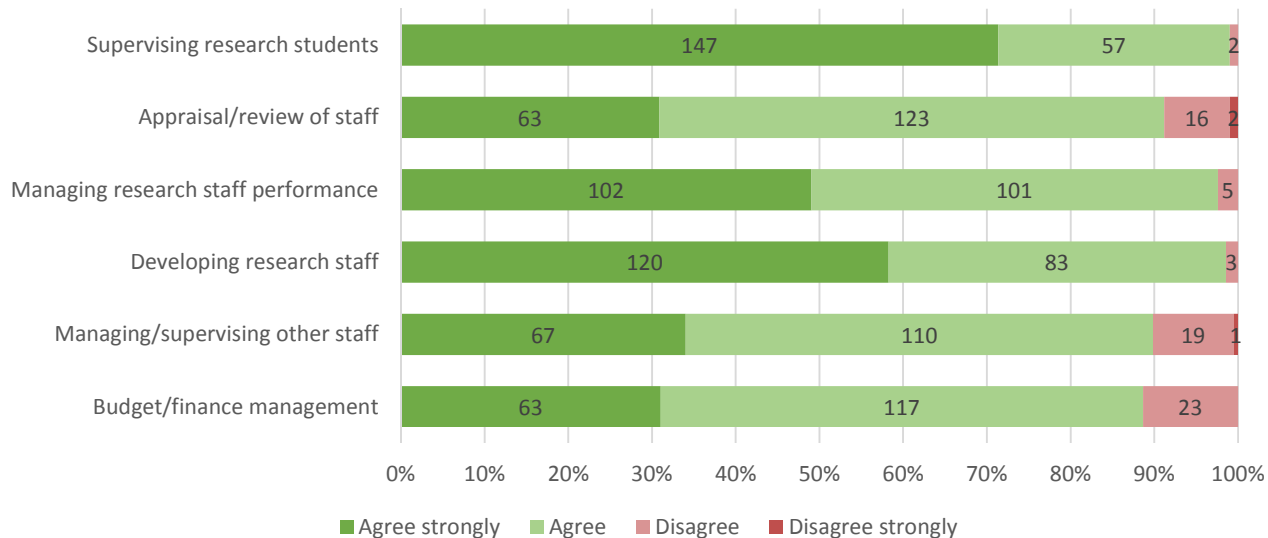
Management activity: more than 80% of respondents agreed that they were recognised for supervising research staff. Between 30-40% of respondents did not feel they were recognised for their contribution towards appraisal of staff, managing staff performance, developing others, managing/supervising or financial management. However, at least 90% of respondents felt that all of these activities were important for being a successful PI.

Action: similarly to the action above, it is important that PIs feel they are recognised for developing, managing and supervising staff. Ensure these activities are recognised and valued. For example – explore why PIs feel they are recognised for their supervising research students but not developing or managing research staff – this may help in identifying actions in this area.

Graph 5: My institution recognises and values the contribution I make to...

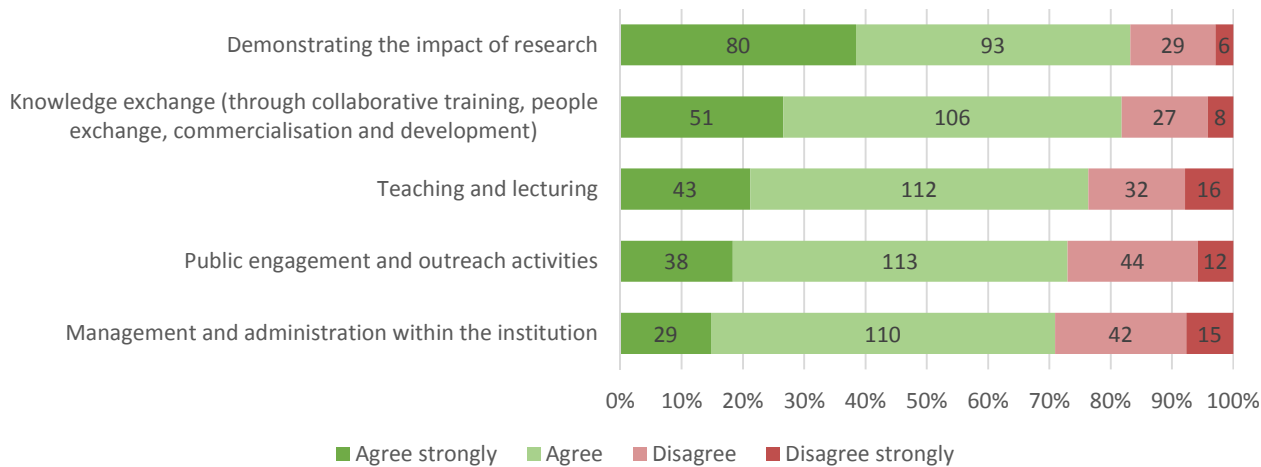


Graph 6: I think this activity is very important in being a successful PI/research leader

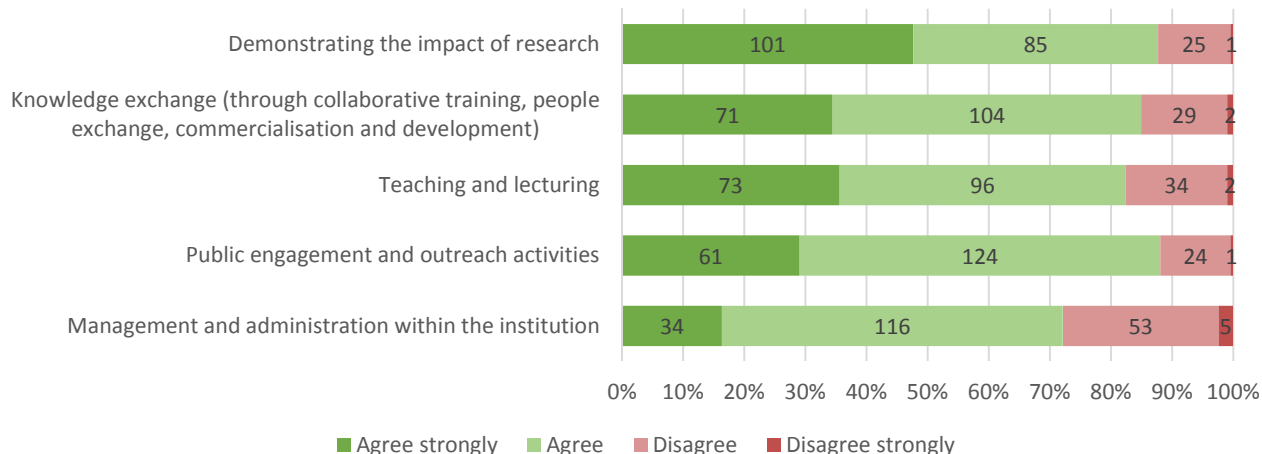


Engagement and impact: between 70-83% of respondents agreed that they were recognised for their contribution to the activities outlined in graph 7, and similar proportions felt these activities were important parts of being a successful PI.

Graph 7: My institution recognises and values the contribution I make to...



Graph 8: I think this activity is very important in being a successful PI/research leader

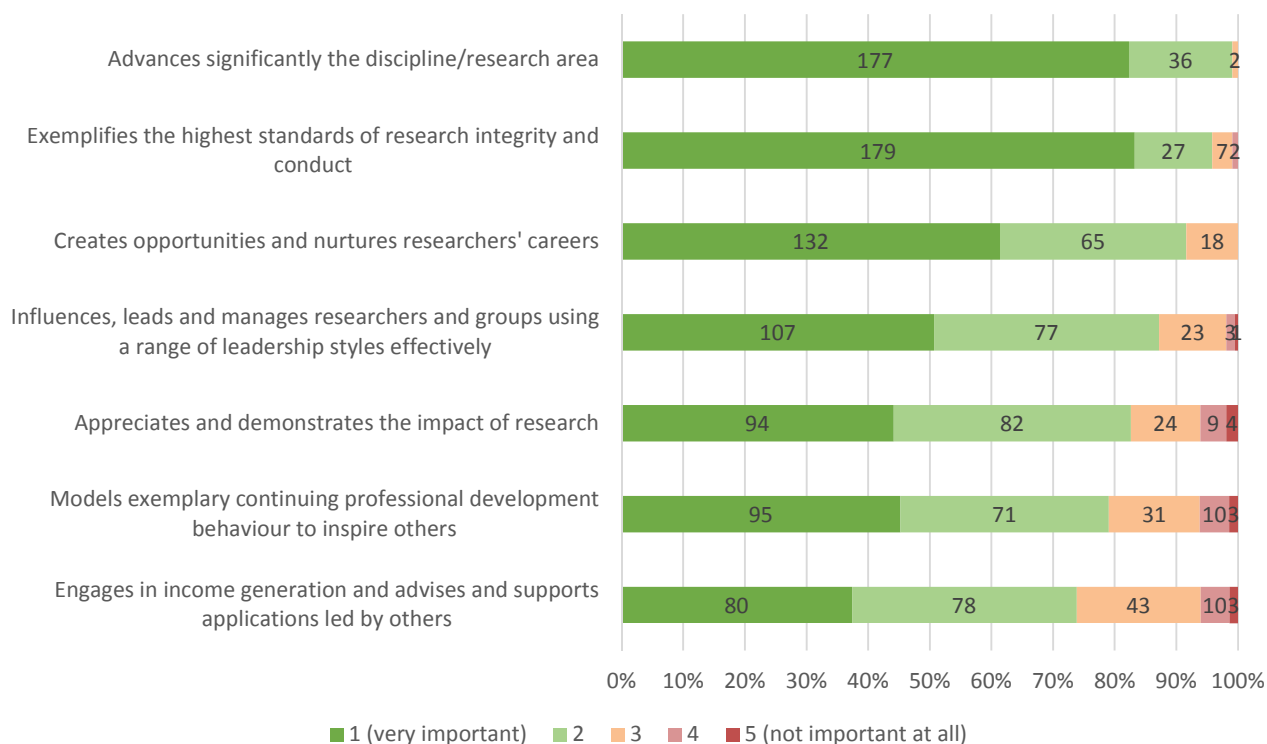


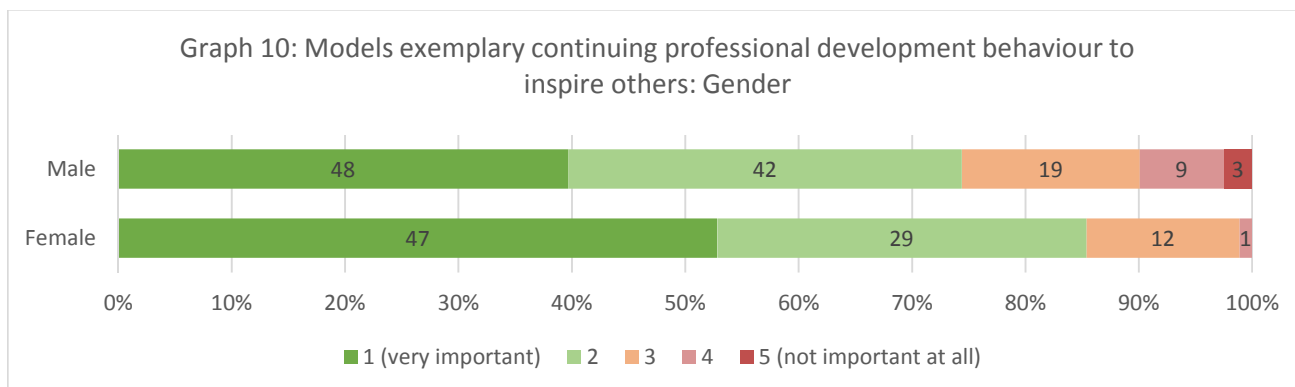
What makes a good PI?

Over 80% of respondents felt that advancing their discipline/research area and exemplifying high standards of research conduct were very important aspects of being a good PI, and over 70% of staff felt that all aspects in graph 9 were important.

The only area where there was a gender difference in responses was in relation to modelling exemplary continuing professional development behaviour to inspire others. Women were more likely to see this as an important part of being a good PI than male respondents.

Graph 9: What makes a good PI





PIs were asked to indicate how confident they were in undertaking a range of activities, and whether they would be interested in undertaking training in these areas. More than 70% of respondents said they were confident or fully confident in all areas.

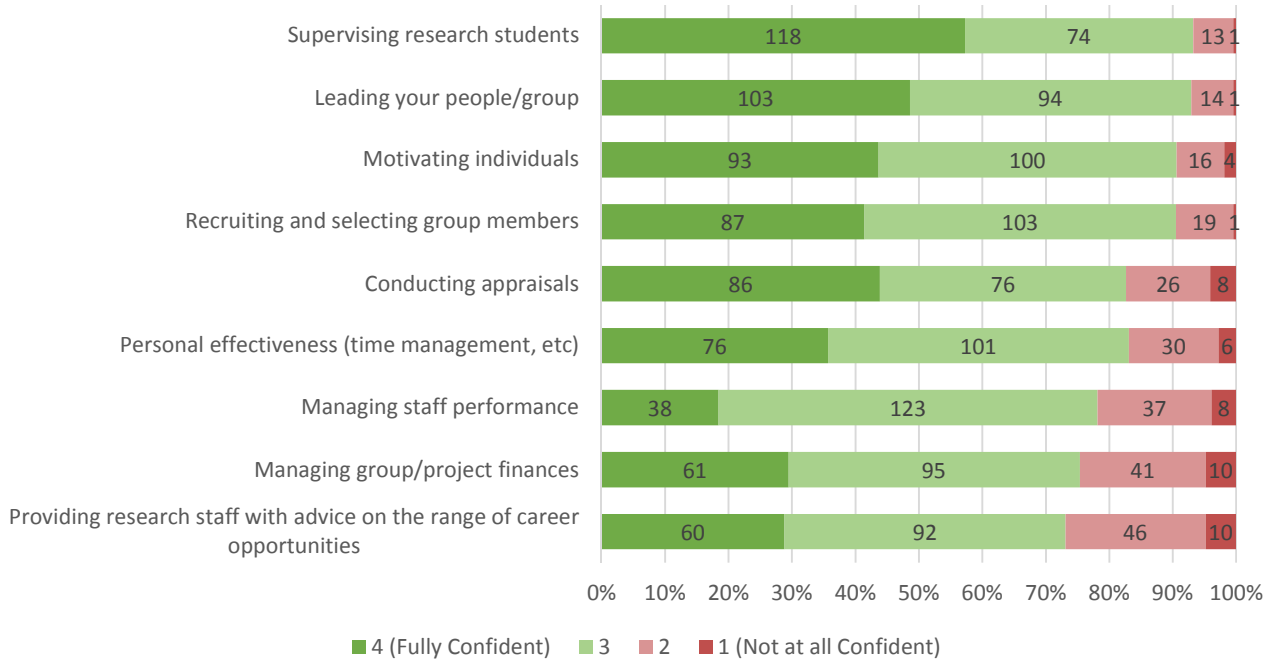
However less than 30% of PI said they felt fully confident in managing staff performance, managing finances or providing research staff with advice on career opportunities. This links with actions outlined above and in the CROS survey analysis. It is important that PIs are aware of their responsibilities as a sponsor, and are supported in providing advice, guidance and in managing staff performance. PIs also need to feel they are recognised and valued for performing these roles. Over 55% of respondents indicated that they would like training, support and development in relation to managing staff performance. In addition, over 45% said they would like additional development in leading a group and managing finance.

In almost all areas, women were more likely than men to say they would like to have support training and development.

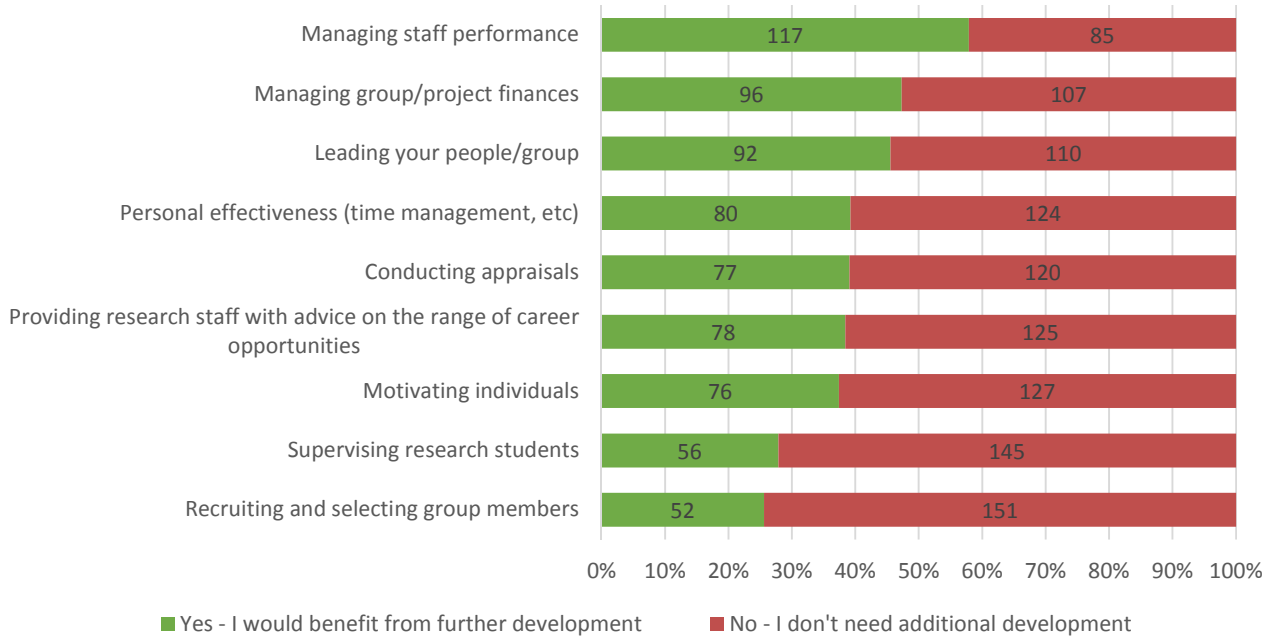
Action: evaluate the current training available to PIs. It may be appropriate to run training programmes specifically for PIs – covering academic sponsorship and staff management along with management of budgets and research projects. Training could also include management of flexible working/work-life balance and parental leave as these were highlighted as an issue within the CROS survey.

Action: review the data on the gender of PIs who are completing training courses at UCL. Ensure women are engaging in these events at an equitable rate. If women are not accessing training at the same rate as men, consider running female only courses, and/or running focus groups with female PIs to discuss why they are not accessing training.

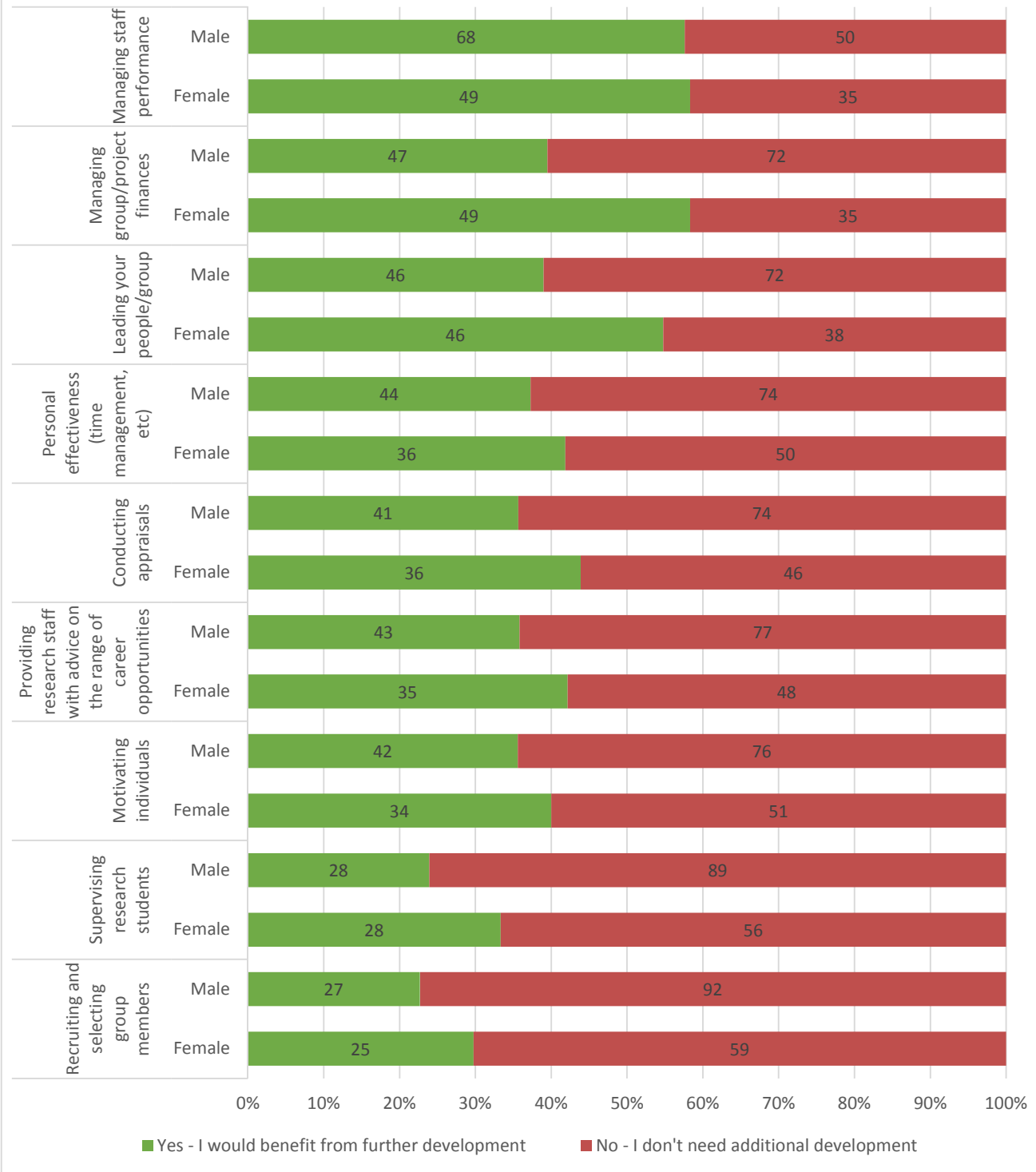
Graph 11: Confidence



Graph 12: Support, Training and Development



Graph 13: Support, Training and Development: Gender

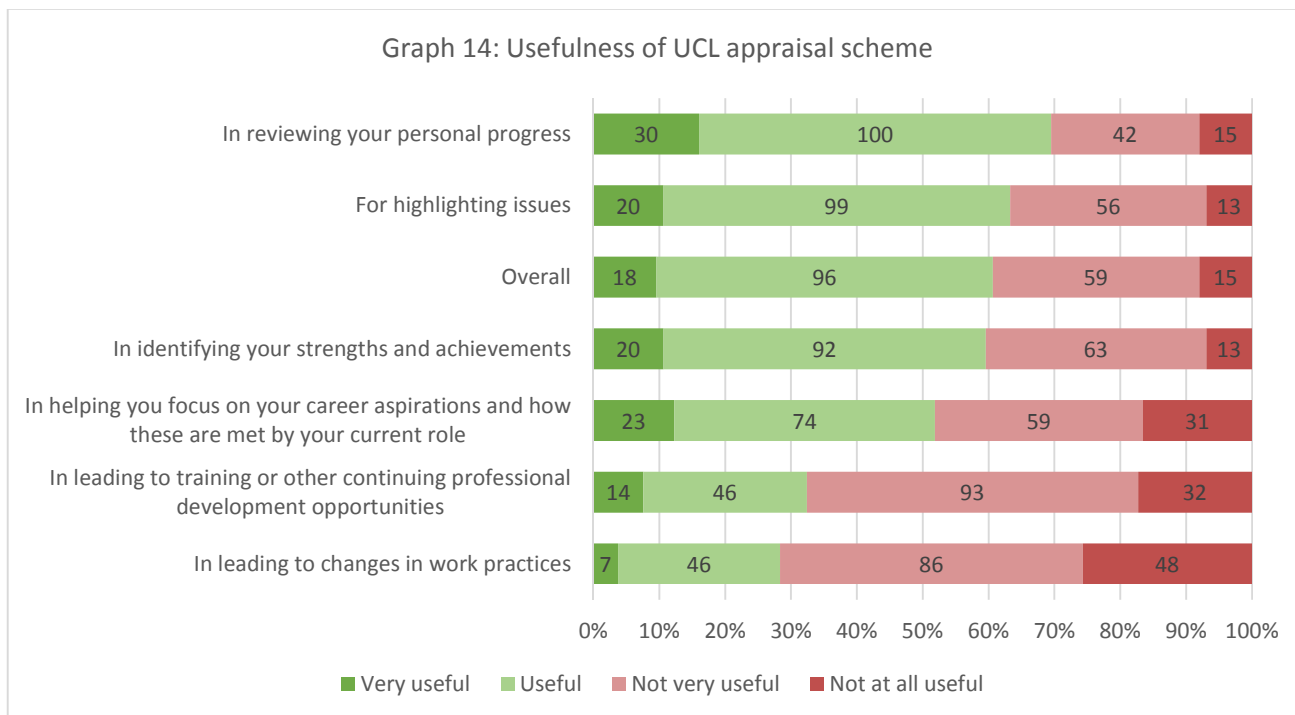


UCL Support for PIs

88% of respondents indicated that they had had an appraisal in the last 2 years. Of those who had not received an appraisal, the majority reported that they had only recently been appointed.

60% of respondents found UCL's appraisal process useful overall. Less than 30% believed appraisal led to changes in work practices. Worryingly, less than 35% felt it succeeded in leading to training or continual professional development opportunities. Just over 50% agreed that their appraisal focused on their career aspirations. These should be central roles of the appraisal process. Similar feedback is consistently received by Athena SWAN departments in departmental staff surveys.

Action: The appraisal process is due to be reviewed. It is intended that the new annual appraisal process will have a clearer focus on career development and training needs, work/life balance and ways of working as well as a stronger focus on progression towards promotion. Ensure this new process is communicated effectively to PIs when it is launched.



The majority of respondents had taken part in 1-2 days training in the past 12 months.

Action: Encouraging PIs to attend UCL-run training. Advertise training courses available – particularly focusing on issues raised above. Make it clear when training courses may be particularly relevant to PIs.



Over 85% of PIs reported they had a good level of job satisfaction at UCL. Less than 60% felt they are appropriately rewarded for their contributions to UCL, and only 55% felt they were satisfied with their work/life balance. Less than 55% felt UCL is led well by senior management. Please see the discussion and actions above in relation to recognising and rewarding PIs for their contributions to UCL.

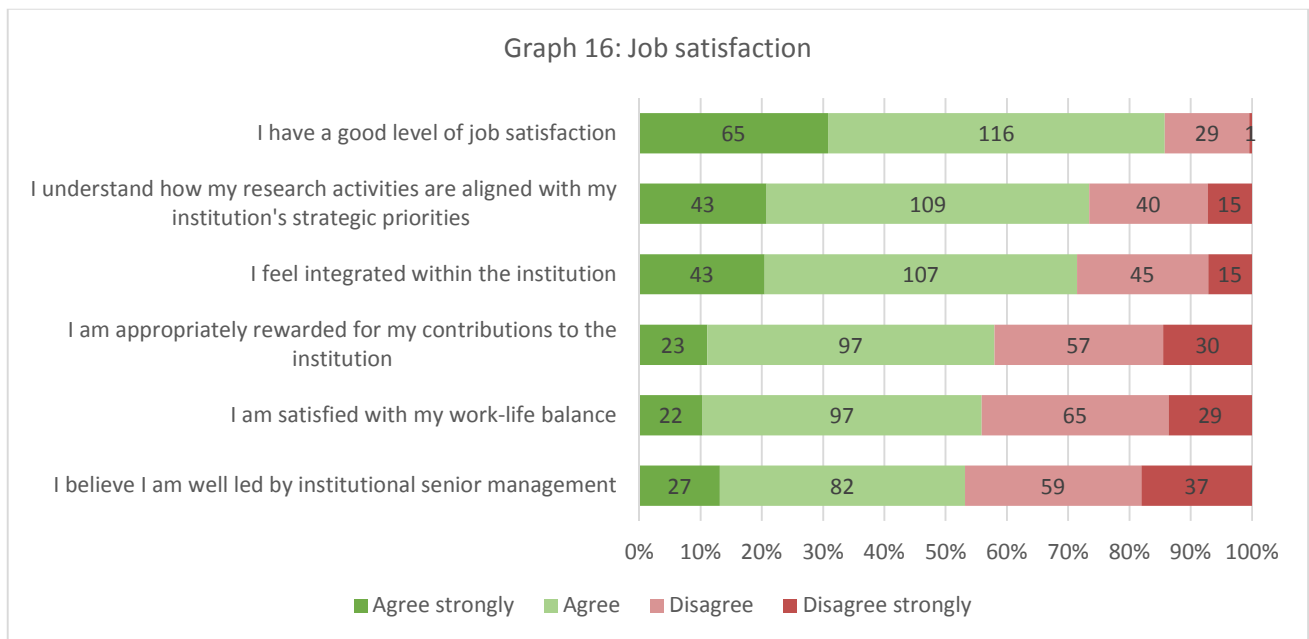
In almost all areas, women were less positive in their responses (graph 17). This is a crucial career transition point for female academics – in many science departments, the point at which the proportion of women starts to drop is between post doc and lecturer / senior researcher (often PIs). The fact that women at this stage are generally less positive about their job satisfaction is

concerning, and suggests that there are issues that are detracting early career women from continuing, and affecting those who stay on into more senior roles.

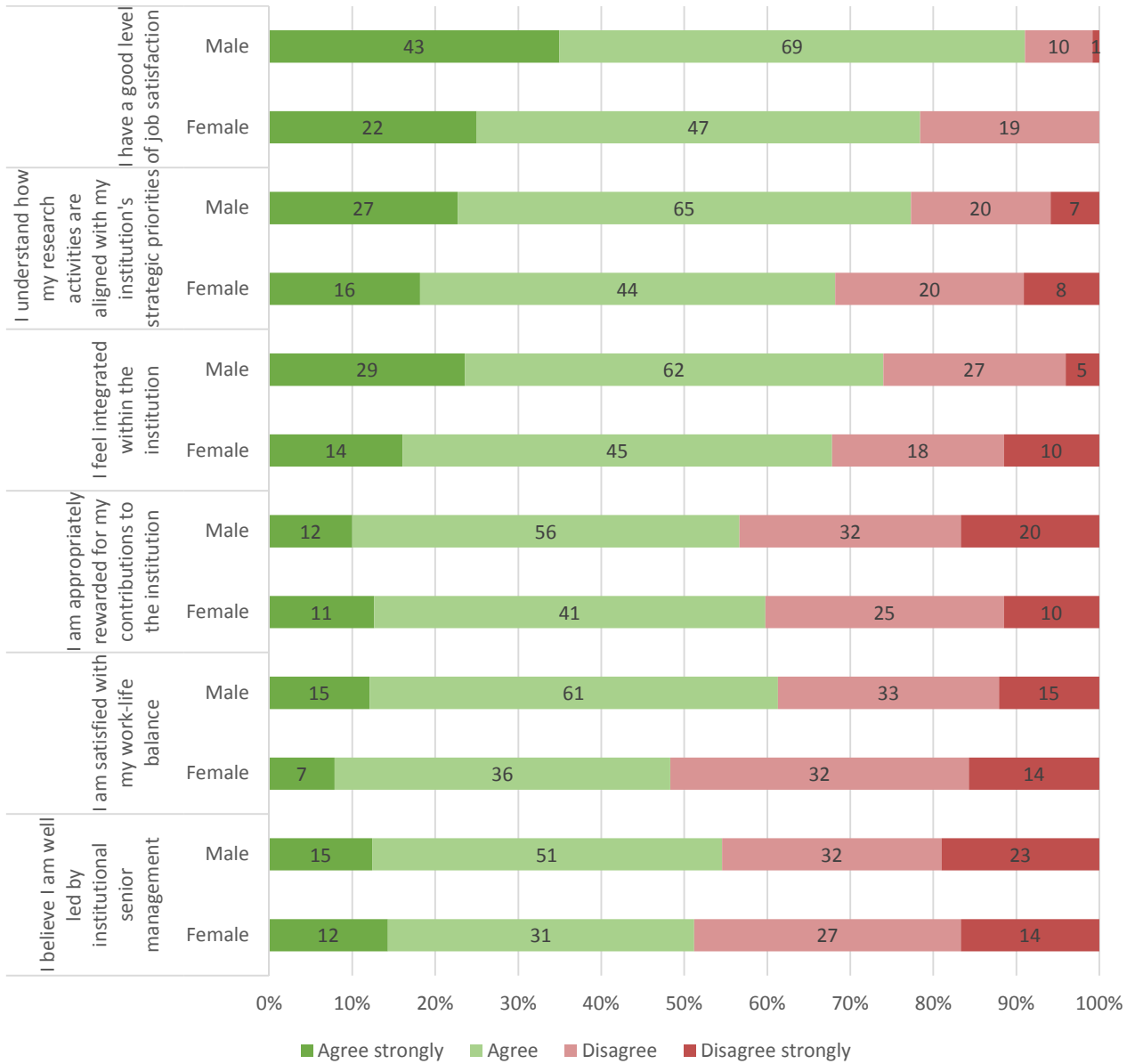
Action: tackle long-hours working culture in order to improve PI’s work/life balance (this is a tricky area – it comes up a lot, but it’s hard to tackle. For discussion at the researcher forum? Or a focus groups with PIs?)

Action: create a support network / forum for female PIs – this may provide a support group, networking opportunities and career development opportunities (offer training/events through the forum). This may help to address some of the lower levels of satisfaction from female PIs.

Action: run focus groups with female PIs to establish why they may have responded less positively than male PIs. Discuss their own career trajectories and their opinions on why positivity appears to decrease between research roles (CROS survey) and PI roles (PIRLS survey).

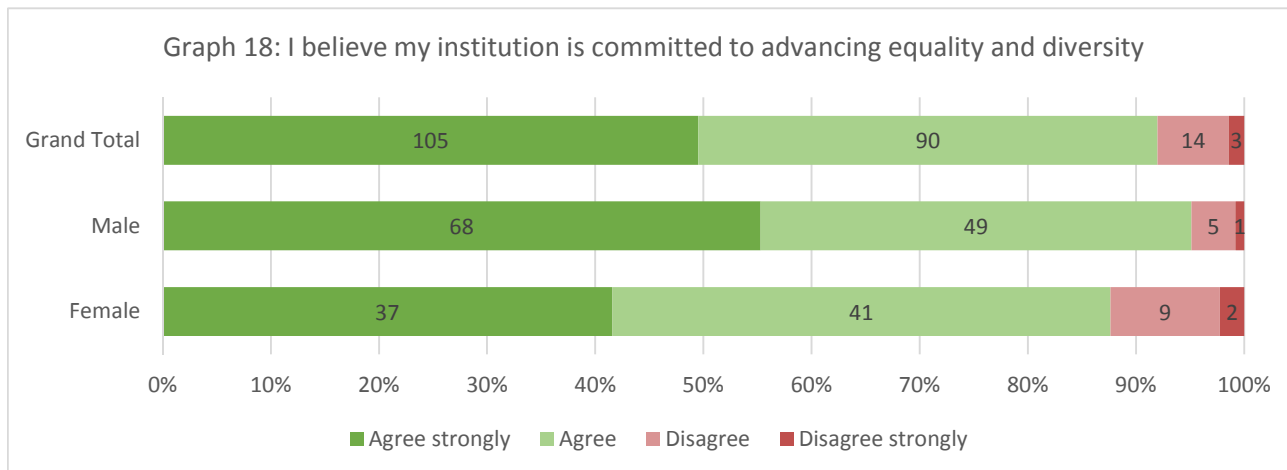


Graph 17: Job satisfaction: Gender



Equality and Diversity

Over 90% of PIs strongly agreed or agreed that UCL is committed to advancing equality and diversity. However women were slightly less likely than men to respond positively. See actions above – female PI focus group and female PI forum.



Over 90% of respondents felt that staff are treated fairly regardless of their personal characteristics in relation to access to training, recruitment and treatment at work. Less than 80% agreed that individuals are treated fairly in relation to reward and participation in decision making.

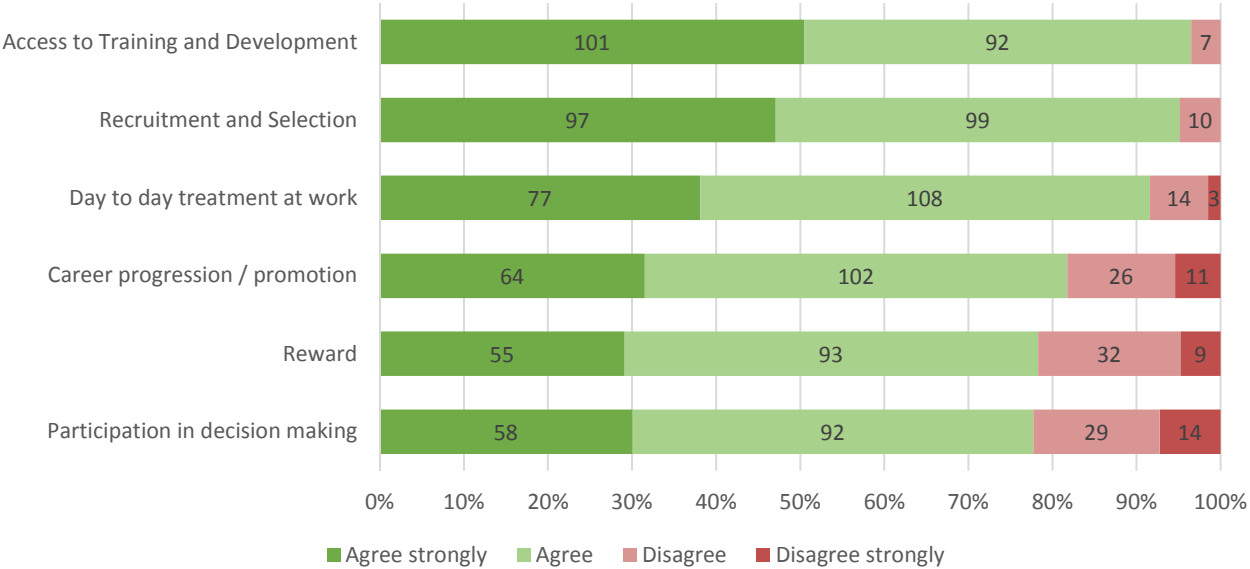
Graph 20 illustrates that female respondents were less positive in response to each question. The largest gender imbalance in responses was in relation to reward, followed by career progression and promotion. Both actions below from the CROS survey report would be relevant here:

Action: This could link to an action in the Athena SWAN Silver action plan. The Faculty of Medical Sciences have put in place a review committee that meets twice a year. The committee reviews all applications for accelerated increments and other pay-related rewards. The applications are reviewed to ensure consistency, but also in relation to equality and diversity. Divisions are questioned if, for example, a disproportionate number of applications are from men. It is proposed that this process will be reviewed in 2016 – after two years of data has been compiled. If it is clear that this has had a positive impact in relation to fairness and transparency, a proposal will be presented to HRPC with a recommendation that this be rolled out to other faculties.

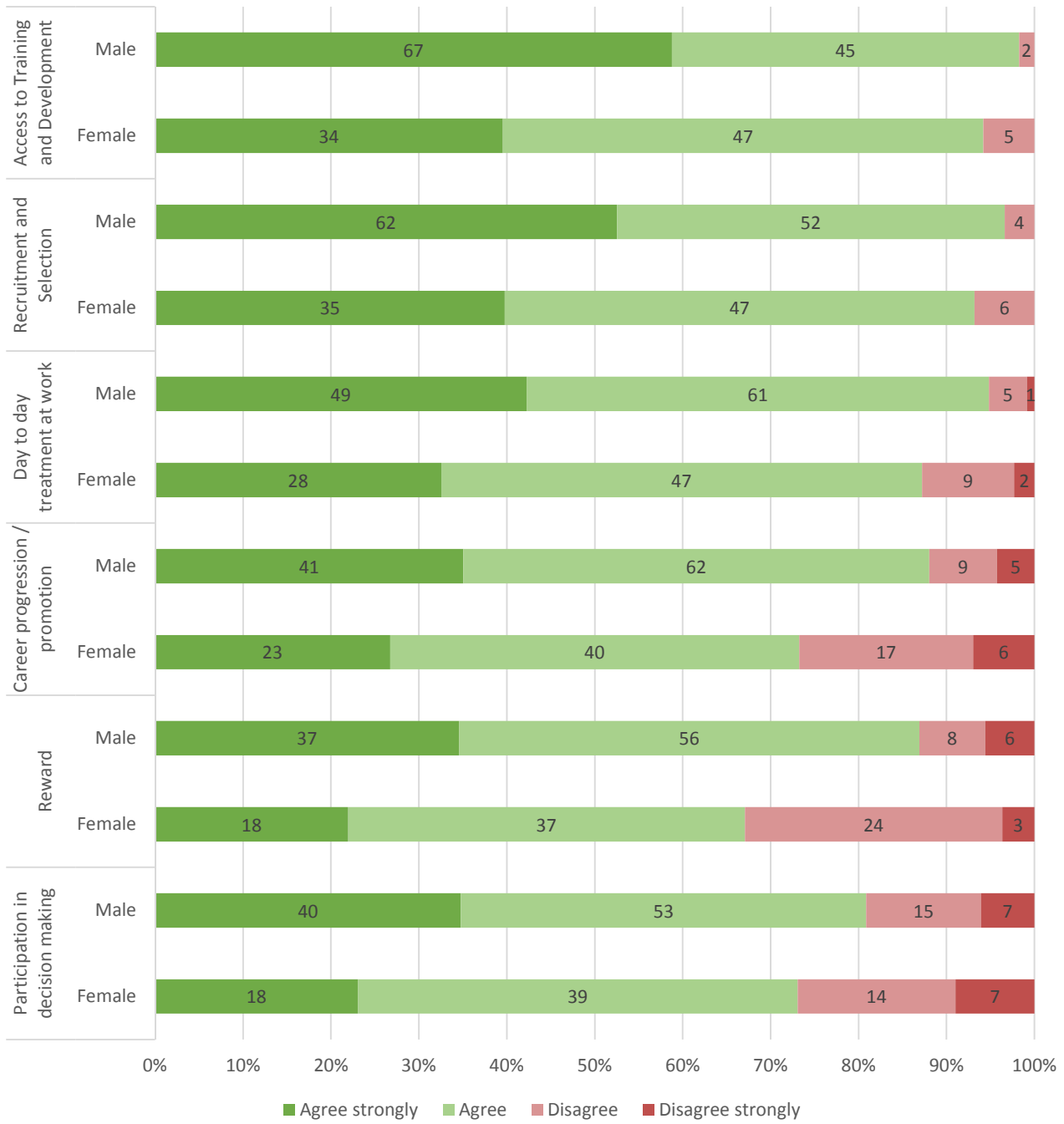
Action: Ask each department to review the gender balance of their key committees, and ensure that both male and female research staff are represented where appropriate. This is already taking place in many Athena SWAN departments. Ensure committee vacancies are advertised within departments – not filled through a ‘tap on the shoulder’.

Action: work with the proposed new rewards team following the HR restructure (if the current proposal is approved) to ensure reward processes at UCL are fair, transparent and equitable. Ensure equality monitoring is undertaken annually for all reward processes, with any discrepancies investigated and addressed.

Graph 19: Staff at UCL are treated fairly, regardless of personal characteristics such as age, ethnicity, disability, gender or gender identify, in relation to...



Graph 20: Staff at UCL are treated fairly, regardless of personal characteristics such as age, ethnicity, disability, gender or gender identify, in relation to: Gender

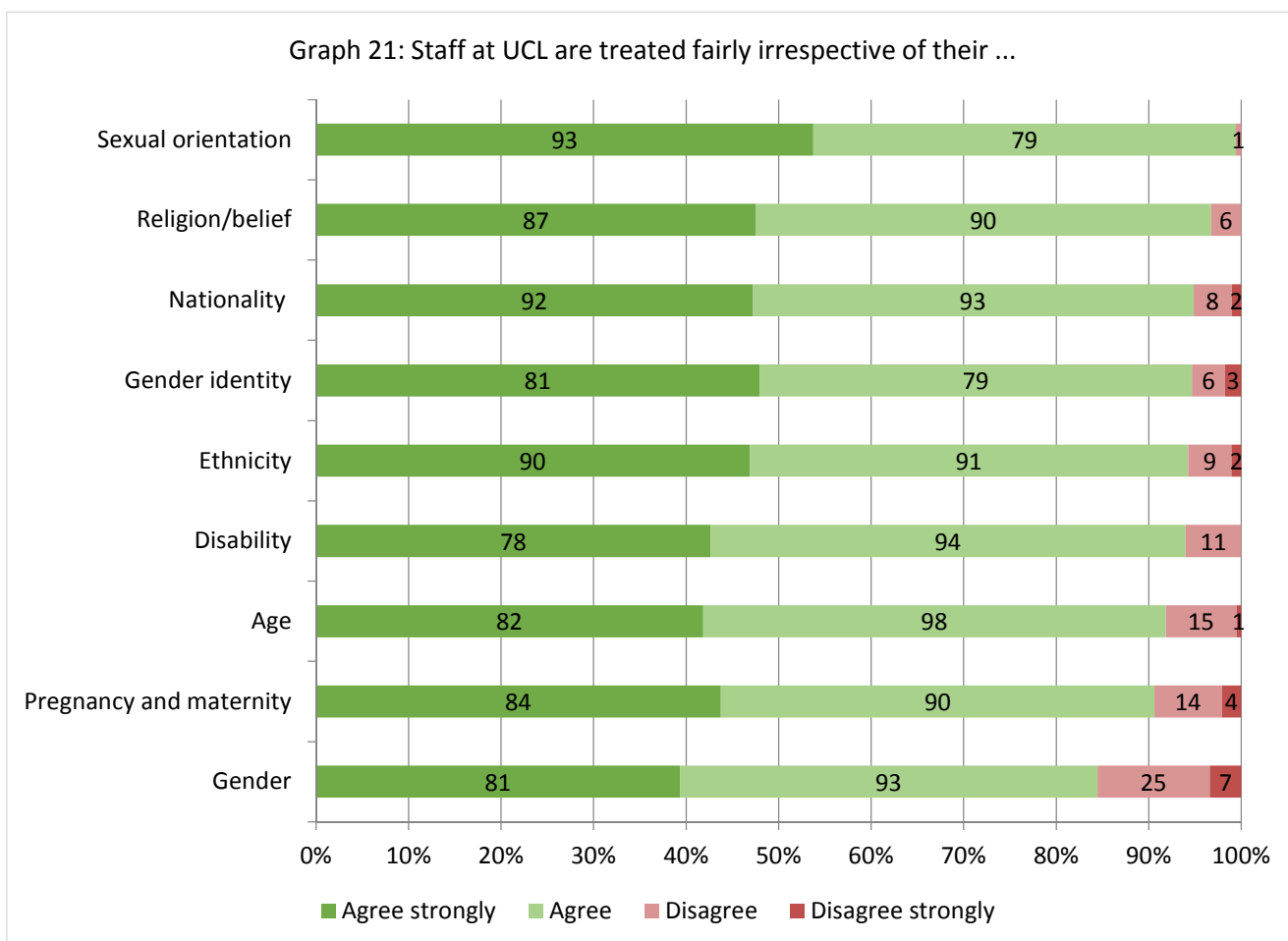


More than 90% of respondents agreed that staff are treated fairly at UCL irrespective of their personal characteristics, with the exception of gender, where 15% of respondents disagreed.

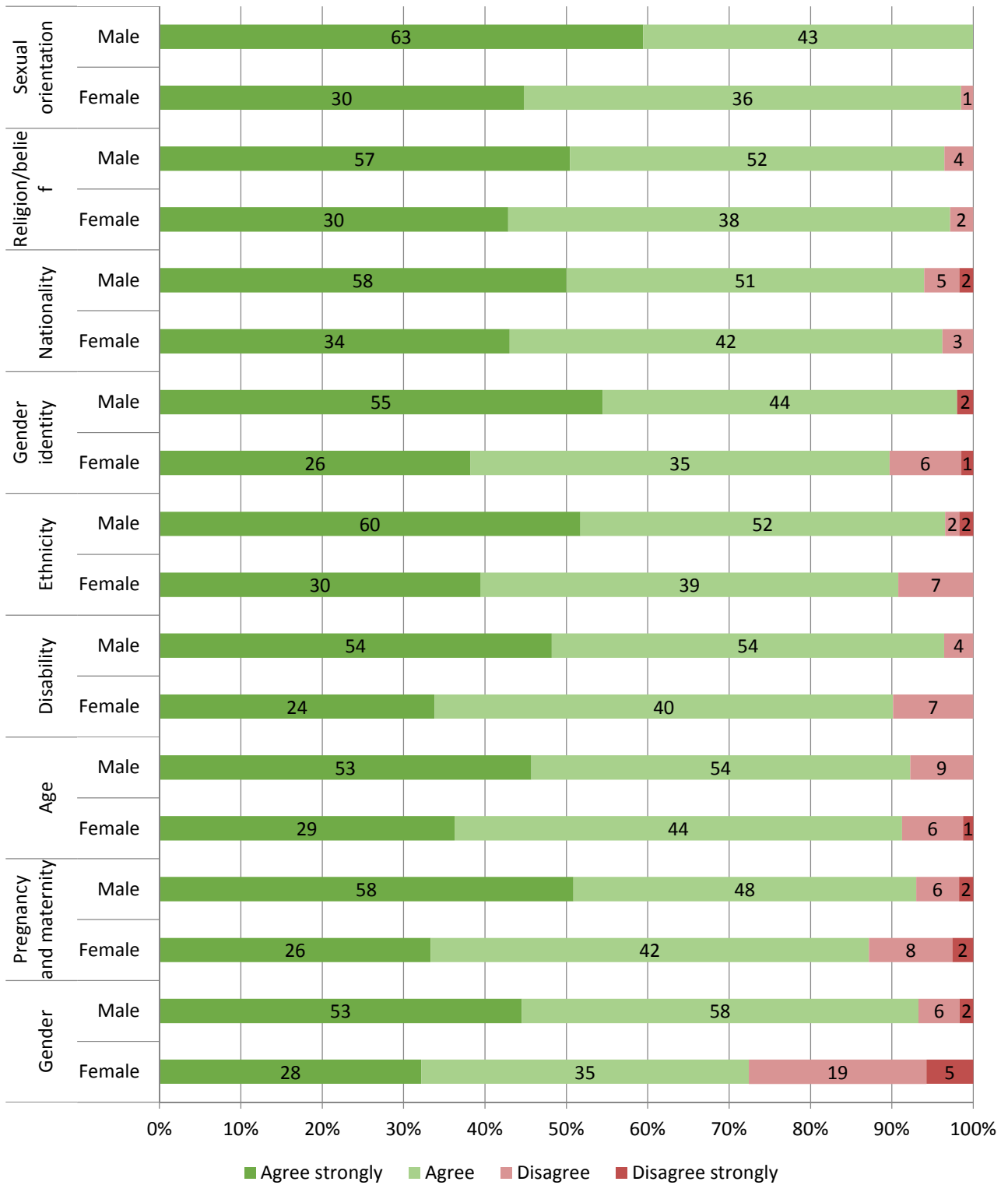
While the responses were generally positive, there were some small gender differences (graph 22). The most striking difference was in relation to gender – 93% of men agreed or strongly agreed that staff at UCL are treated fairly irrespective of their gender, in comparison to 72% of women. In comparison to the CROS survey results to this question, female PIs are less positive than female researchers (72% compared with 81%)– while male PIs have the same positive response as male researchers (93%). This could suggest that as female academics become more senior, and/or spend longer in higher education, they feel they are treated less favourably.

Action: as suggested above, run a focus group with female PIs to seek to further understand these results.

Graph 21: Staff at UCL are treated fairly irrespective of their ...



Graph 22: Staff at UCL are treated fairly irrespective of their... :Gender



When PIs were asked whether they felt they had been discriminated against in their post, just over 10% said that they had. When responses are disaggregated by gender it is clear the majority are female – with 20 of the 25 individuals saying they had been discriminated against being female.

Action: A number of actions have been included within the Athena SWAN and Race Charter Marks relating to reporting discrimination, bullying and harassment. For example, at the start of 2016, Fiona McCelment will be reviewing the 'report and support' system in place at Manchester University and assess whether this is something we could implement at UCL. In addition, we are promoting the new dignity at work statement and dignity at work advisers (more have recently been recruited)

