```
> dat <- research_funding_rates %>%
+       mutate(discipline = reorder(discipline, success_rates_total)) %>%
+       rename(success_total = success_rates_total,
+              success_men = success_rates_men,
+              success_women = success_rates_women) %>%
+       gather(key, value, -discipline) %>%
+       separate(key, c("type", "gender")) %>%
+       spread(type, value) %>%
+       filter(gender != "total")
> dat
           discipline gender applications awards success
1      Social sciences    men          425     65    15.3
2      Social sciences  women          409     47    11.5
3      Medical sciences    men          245     46    18.8
4      Medical sciences  women          260     29    11.2
5     Interdisciplinary    men          105     12    11.4
6     Interdisciplinary  women           78     17    21.8
7            Humanities    men          230     33    14.3
8            Humanities  women          166     32    19.3
9    Technical sciences    men          189     30    15.9
10   Technical sciences  women           62     13    21.0
11  Earth/life sciences    men          156     38    24.4
12  Earth/life sciences  women          126     18    14.3
13    Physical sciences    men          135     26    19.3
14    Physical sciences  women           39      9    23.1
15    Chemical sciences    men           83     22    26.5
16    Chemical sciences  women           39     10    25.6
17              Physics    men           67     18    26.9
18              Physics  women            9      2    22.2
> dat %>%
+       ggplot(aes(discipline, success, size = applications, color = gender)) +
+       theme(axis.text.x = element_text(angle = 90, hjust = 1)) +
+       geom_point()
>
>
> # low overall funding rates implies proportion of applicants who get awards, not the count of awards.
> research_funding_rates$awards_total / research_funding_rates$applications_total
[1] 0.2622951 0.2011494 0.2631579 0.1641414 0.1713147 0.1584699 0.1985816
[8] 0.1342926 0.1485149
>
```