all_sites_sex_scatters

2024-10-03

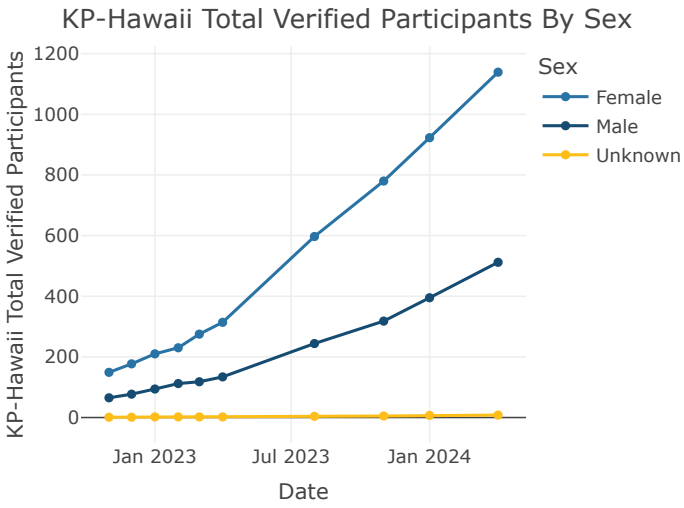
Refactor Site Names

```
data$site <- gsub("^Marshfield.*", "Marshfield", data$site)
unique(data$site)
```

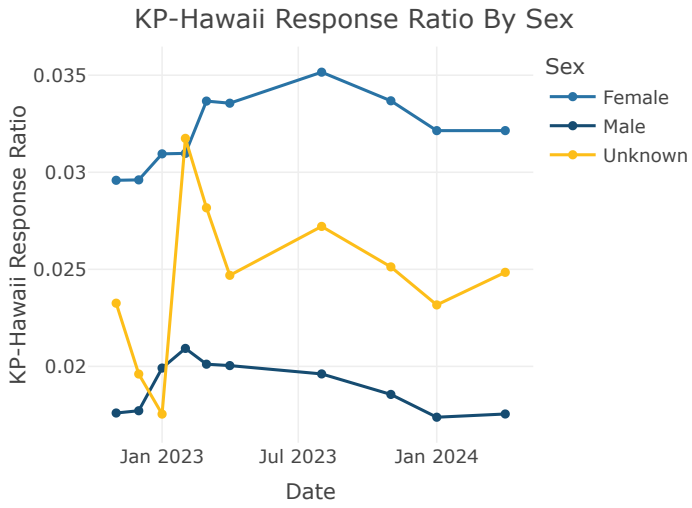
```
## [1] "KP-Hawaii"             "KP-Colorado"           "KP-Northwest"
## [4] "KP-Georgia"            "Marshfield"            "Sanford Health"
## [7] "Henry Ford"            "University of Chicago"
```

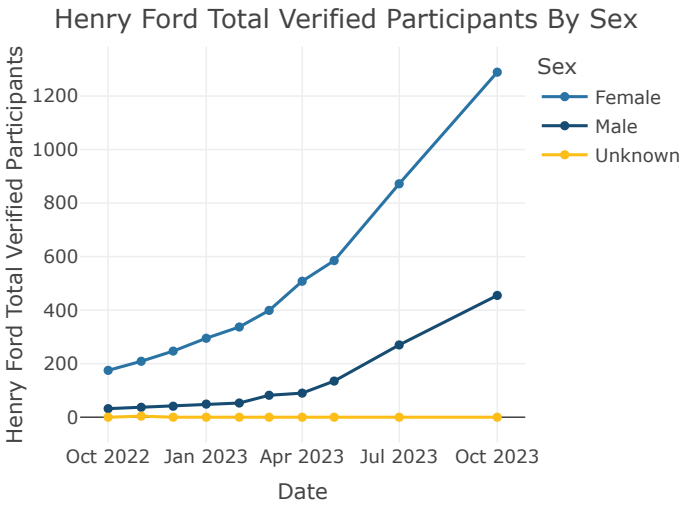
Write list of sites to be used

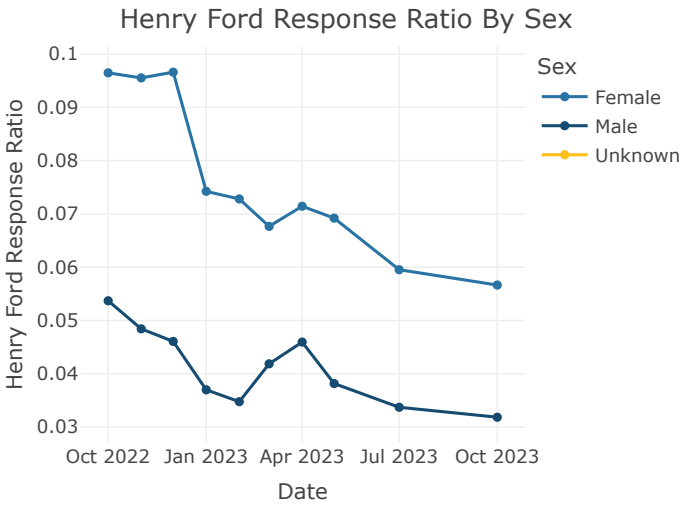
```
items_list = c("KP-Hawaii", "KP-Colorado", "KP-Northwest", "KP-Georgia", "Marshfield", "Sanford Health"
```

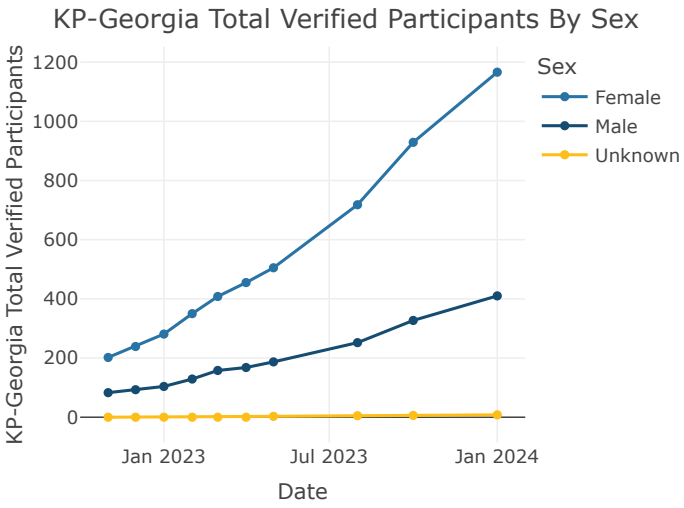


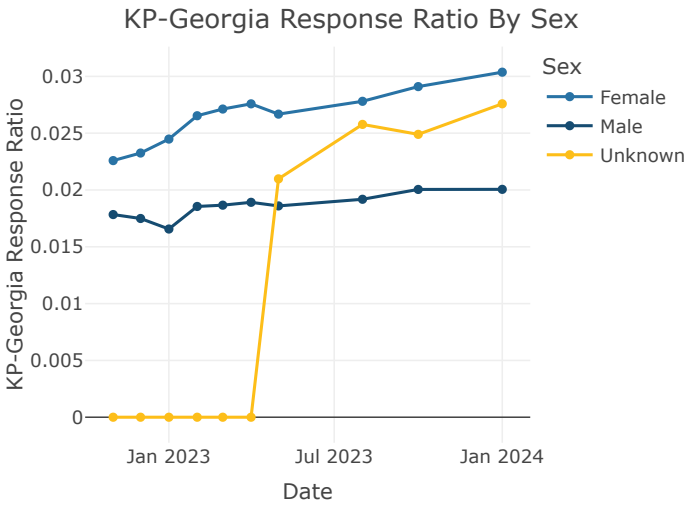
Call by_sex_scatter function for all sites

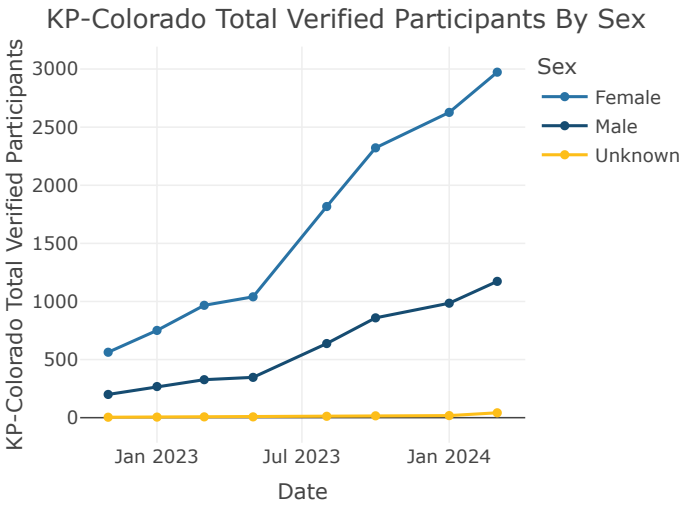

KP-Hawaii Response Ratio By Sex
KP-Hawaii Response Ratio
0.035
0.03
0.025
0.02
Jan 2023
Jul 2023
Jan 2024
Date
Sex
Female
Male
Unknown

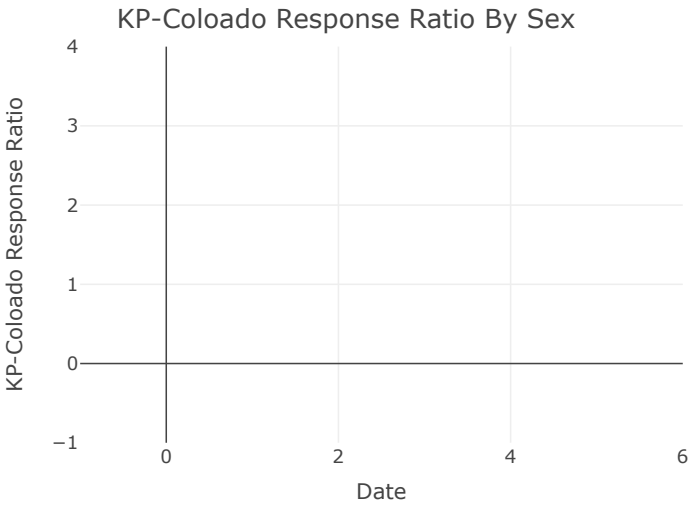

Henry Ford Total Verified Participants By Sex
Henry Ford Total Verified Participants
1200
1000
800
600
400
200
0
Oct 2022
Jan 2023
Apr 2023
Jul 2023
Oct 2023
Date
Sex
Female
Male
Unknown

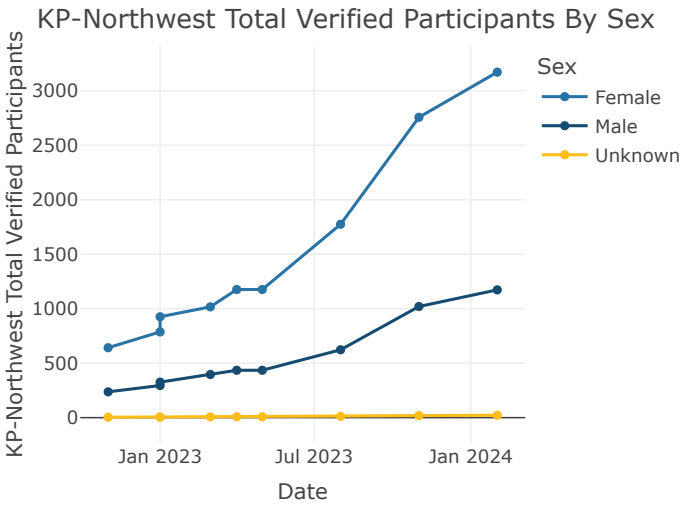

Henry Ford Response Ratio By Sex
Henry Ford Response Ratio
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
Oct 2022
Jan 2023
Apr 2023
Jul 2023
Oct 2023
Date
Sex
Female
Male
Unknown

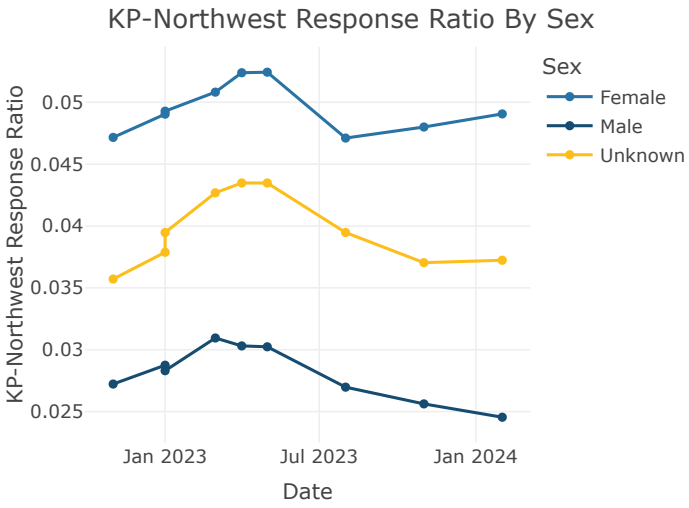

KP-Georgia Total Verified Participants By Sex
KP-Georgia Total Verified Participants
1200
1000
800
600
400
200
0
Jan 2023
Jul 2023
Jan 2024
Date
Sex
Female
Male
Unknown

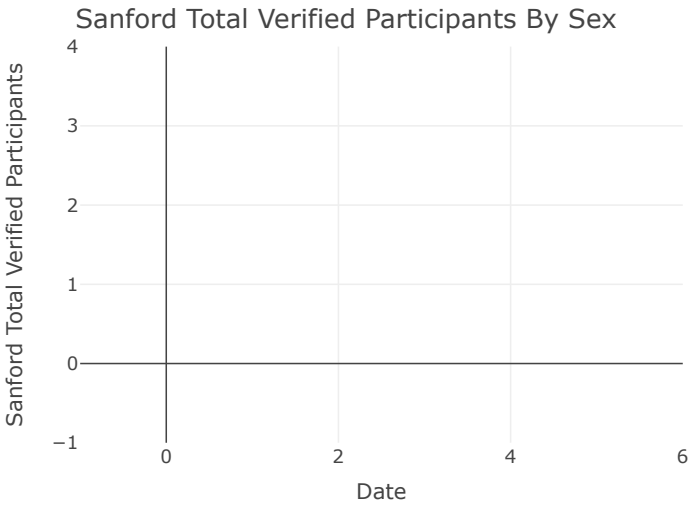

KP-Georgia Response Ratio By Sex
KP-Georgia Response Ratio
0.03
0.025
0.02
0.015
0.01
0.005
0
Jan 2023
Jul 2023
Jan 2024
Date
Sex
Female
Male
Unknown

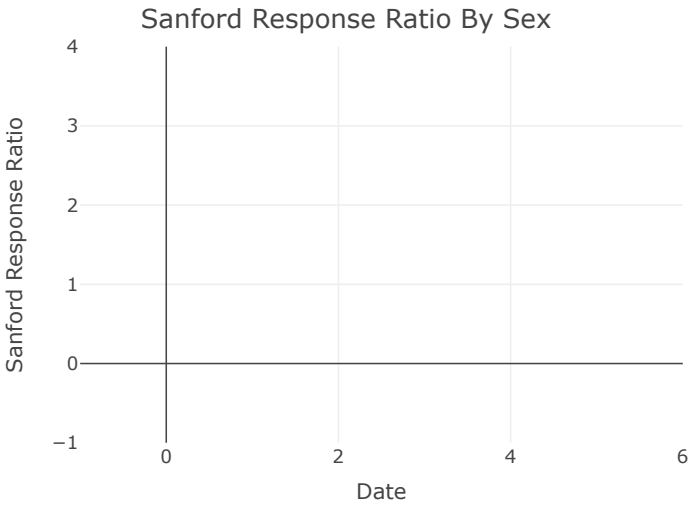

KP-Colorado Total Verified Participants By Sex
KP-Colorado Total Verified Participants
3000
2500
2000
1500
1000
500
0
Jan 2023
Jul 2023
Jan 2024
Date
Sex
Female
Male
Unknown

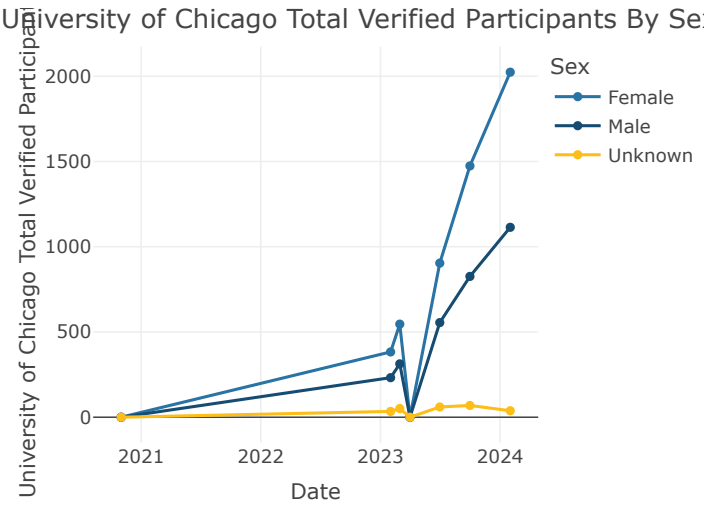

KP-Coloado Response Ratio By Sex
KP-Coloado Response Ratio
4
3
2
1
0
−1
0
2
4
6
Date

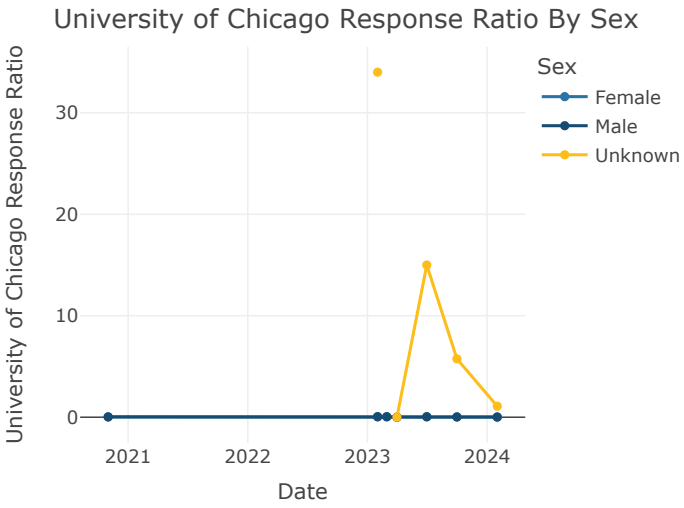

KP-Northwest Total Verified Participants By Sex
KP-Northwest Total Verified Participants
3000
2500
2000
1500
1000
500
0
Jan 2023
Jul 2023
Jan 2024
Date
Sex
Female
Male
Unknown

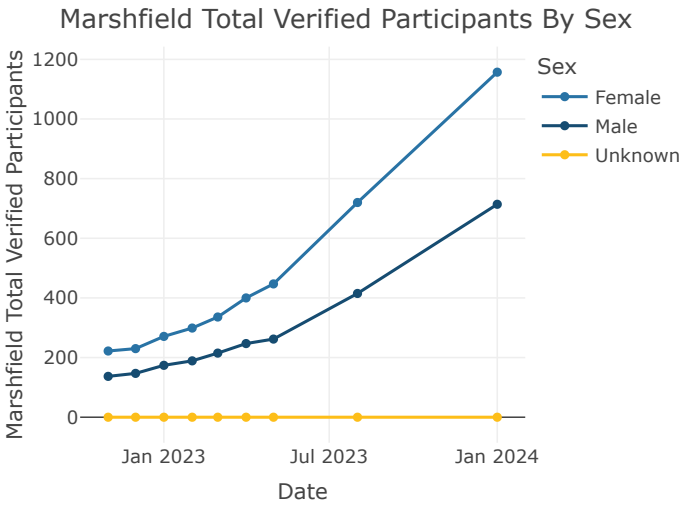

KP-Northwest Response Ratio By Sex
KP-Northwest Response Ratio
0.05
0.045
0.04
0.035
0.03
0.025
Jan 2023
Jul 2023
Jan 2024
Date
Sex
Female
Male
Unknown

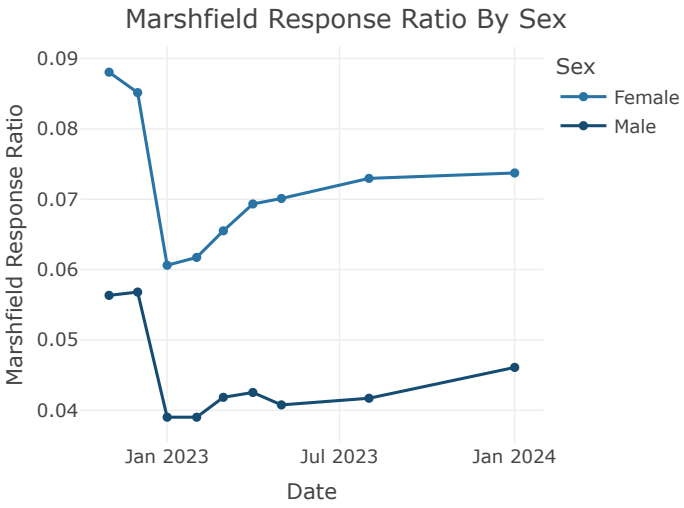

Sanford Total Verified Participants By Sex
Sanford Total Verified Participants
4
3
2
1
0
−1
0
2
4
6
Date


Sanford Response Ratio By Sex
Sanford Response Ratio
4
3
2
1
0
−1
0
2
4
6
Date


University of Chicago Total Verified Participants By Sex
University of Chicago Total Verified Participa
2000
1500
1000
500
0
2021
2022
2023
2024
Date
Sex
Female
Male
Unknown


University of Chicago Response Ratio By Sex
University of Chicago Response Ratio
30
20
10
0
2021
2022
2023
2024
Date
Sex
Female
Male
Unknown


Marshfield Total Verified Participants By Sex
Marshfield Total Verified Participants
1200
1000
800
600
400
200
0
Jan 2023
Jul 2023
Jan 2024
Date
Sex
Female
Male
Unknown


Marshfield Response Ratio By Sex
Marshfield Response Ratio
0.09
0.08
0.07
0.06
0.05
0.04
Jan 2023
Jul 2023
Jan 2024
Date
Sex
Female
Male

```r
race_plots(data, items_list)
```

```
## `summarise()` has grouped output by 'race_ethnicity'. You can override using
## the `.groups` argument.
## `summarise()` has grouped output by 'race_ethnicity'. You can override using
## the `.groups` argument.
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## the `.groups` argument.
## `summarise()` has grouped output by 'race_ethnicity'. You can override using
## the `.groups` argument.
```

```r
ins_plots(data, items_list)
```

```r
ruca_plots(data, items_list)
```

```r
ses_plots(data, items_list)
```