HI Strengths Output

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## Data Import

## Q6

Q6 COVID-19 restrictions:To what extent do the following factors limit your access to education programs?

## # A tibble: 5 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 To a great extent 499  
## 2 To a moderate extent 315  
## 3 To some extent 319  
## 4 Not at all 157  
## 5 <NA> 168

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

## # A tibble: 10 x 3  
## # Groups: Current\_Q [5]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 To a great extent No 217  
## 2 To a great extent Yes 282  
## 3 To a moderate extent No 147  
## 4 To a moderate extent Yes 168  
## 5 To some extent No 146  
## 6 To some extent Yes 173  
## 7 Not at all No 81  
## 8 Not at all Yes 76  
## 9 <NA> No 112  
## 10 <NA> Yes 56

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

## # A tibble: 20 x 3  
## # Groups: Current\_Q [5]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 To a great extent Honolulu County 304  
## 2 To a great extent Hawai'i County 101  
## 3 To a great extent Kaua'i County 30  
## 4 To a great extent Maui-Moloka'i-Lana'i County 64  
## 5 To a moderate extent Honolulu County 148  
## 6 To a moderate extent Hawai'i County 83  
## 7 To a moderate extent Kaua'i County 39  
## 8 To a moderate extent Maui-Moloka'i-Lana'i County 45  
## 9 To some extent Honolulu County 187  
## 10 To some extent Hawai'i County 68  
## 11 To some extent Kaua'i County 25  
## 12 To some extent Maui-Moloka'i-Lana'i County 39  
## 13 Not at all Honolulu County 98  
## 14 Not at all Hawai'i County 26  
## 15 Not at all Kaua'i County 12  
## 16 Not at all Maui-Moloka'i-Lana'i County 21  
## 17 <NA> Honolulu County 99  
## 18 <NA> Hawai'i County 36  
## 19 <NA> Kaua'i County 14  
## 20 <NA> Maui-Moloka'i-Lana'i County 19

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 2.90 1.05

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 2.85 1.07  
## 2 Yes 2.94 1.04

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 2.89 1.09   
## 2 Hawai'i County 2.93 0.990  
## 3 Kaua'i County 2.82 0.974  
## 4 Maui-Moloka'i-Lana'i County 2.90 1.05

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1287 3388.831   
## 2 Hawaiian 1286 3386.496 1 vs 2 1 2.3346773 0.1265212  
## 3 Loc + Hawaiian 1283 3385.622 2 vs 3 3 0.8744455 0.8315899  
## 4 Loc \* Hawaiian 1280 3379.526 3 vs 4 3 6.0960058 0.1070316

## HawaiianYes   
## 1.359543

Q6 Distance and transportation:To what extent do the following factors limit your access to education programs?

## # A tibble: 5 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 To a great extent 176  
## 2 To a moderate extent 270  
## 3 To some extent 385  
## 4 Not at all 456  
## 5 <NA> 171

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

## # A tibble: 10 x 3  
## # Groups: Current\_Q [5]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 To a great extent No 68  
## 2 To a great extent Yes 108  
## 3 To a moderate extent No 127  
## 4 To a moderate extent Yes 143  
## 5 To some extent No 175  
## 6 To some extent Yes 210  
## 7 Not at all No 225  
## 8 Not at all Yes 231  
## 9 <NA> No 108  
## 10 <NA> Yes 63

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

## # A tibble: 20 x 3  
## # Groups: Current\_Q [5]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 To a great extent Honolulu County 84  
## 2 To a great extent Hawai'i County 49  
## 3 To a great extent Kaua'i County 23  
## 4 To a great extent Maui-Moloka'i-Lana'i County 20  
## 5 To a moderate extent Honolulu County 143  
## 6 To a moderate extent Hawai'i County 61  
## 7 To a moderate extent Kaua'i County 32  
## 8 To a moderate extent Maui-Moloka'i-Lana'i County 34  
## 9 To some extent Honolulu County 225  
## 10 To some extent Hawai'i County 82  
## 11 To some extent Kaua'i County 27  
## 12 To some extent Maui-Moloka'i-Lana'i County 51  
## 13 Not at all Honolulu County 272  
## 14 Not at all Hawai'i County 91  
## 15 Not at all Kaua'i County 29  
## 16 Not at all Maui-Moloka'i-Lana'i County 64  
## 17 <NA> Honolulu County 112  
## 18 <NA> Hawai'i County 31  
## 19 <NA> Kaua'i County 9  
## 20 <NA> Maui-Moloka'i-Lana'i County 19

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 2.13 1.05

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 2.06 1.02  
## 2 Yes 2.18 1.06

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 2.05 1.02  
## 2 Hawai'i County 2.24 1.08  
## 3 Kaua'i County 2.44 1.09  
## 4 Maui-Moloka'i-Lana'i County 2.06 1.03

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1284 3419.149   
## 2 Hawaiian 1283 3415.221 1 vs 2 1 3.928126 0.0474848349  
## 3 Loc + Hawaiian 1280 3398.817 2 vs 3 3 16.404109 0.0009369206  
## 4 Loc \* Hawaiian 1277 3396.400 3 vs 4 3 2.416386 0.4905916913

Q6 Lack of time or competing priorities:To what extent do the following factors limit your access to education programs?

## # A tibble: 5 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 To a great extent 221  
## 2 To a moderate extent 352  
## 3 To some extent 451  
## 4 Not at all 253  
## 5 <NA> 181

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

## # A tibble: 10 x 3  
## # Groups: Current\_Q [5]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 To a great extent No 88  
## 2 To a great extent Yes 133  
## 3 To a moderate extent No 161  
## 4 To a moderate extent Yes 191  
## 5 To some extent No 197  
## 6 To some extent Yes 254  
## 7 Not at all No 137  
## 8 Not at all Yes 116  
## 9 <NA> No 120  
## 10 <NA> Yes 61

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

## # A tibble: 20 x 3  
## # Groups: Current\_Q [5]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 To a great extent Honolulu County 124  
## 2 To a great extent Hawai'i County 38  
## 3 To a great extent Kaua'i County 29  
## 4 To a great extent Maui-Moloka'i-Lana'i County 30  
## 5 To a moderate extent Honolulu County 205  
## 6 To a moderate extent Hawai'i County 78  
## 7 To a moderate extent Kaua'i County 27  
## 8 To a moderate extent Maui-Moloka'i-Lana'i County 42  
## 9 To some extent Honolulu County 256  
## 10 To some extent Hawai'i County 100  
## 11 To some extent Kaua'i County 34  
## 12 To some extent Maui-Moloka'i-Lana'i County 61  
## 13 Not at all Honolulu County 143  
## 14 Not at all Hawai'i County 59  
## 15 Not at all Kaua'i County 18  
## 16 Not at all Maui-Moloka'i-Lana'i County 33  
## 17 <NA> Honolulu County 108  
## 18 <NA> Hawai'i County 39  
## 19 <NA> Kaua'i County 12  
## 20 <NA> Maui-Moloka'i-Lana'i County 22

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 2.42 0.994

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 2.34 0.999  
## 2 Yes 2.49 0.984

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 2.43 0.990  
## 2 Hawai'i County 2.35 0.967  
## 3 Kaua'i County 2.62 1.06   
## 4 Maui-Moloka'i-Lana'i County 2.42 1.00

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1274 3440.472   
## 2 Hawaiian 1273 3433.744 1 vs 2 1 6.7281256 0.009490428  
## 3 Loc + Hawaiian 1270 3427.561 2 vs 3 3 6.1830754 0.103035095  
## 4 Loc \* Hawaiian 1267 3427.354 3 vs 4 3 0.2067071 0.976499341

##   
##   
## Hawaiians are 1.3 times more likely to answer favorably.

Q6 Program requirements (for example, application forms, time of day, required volunteer hours):To what extent do the following factors limit your access to education programs?

## # A tibble: 5 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 To a great extent 132  
## 2 To a moderate extent 330  
## 3 To some extent 440  
## 4 Not at all 336  
## 5 <NA> 220

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

## # A tibble: 10 x 3  
## # Groups: Current\_Q [5]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 To a great extent No 45  
## 2 To a great extent Yes 87  
## 3 To a moderate extent No 127  
## 4 To a moderate extent Yes 203  
## 5 To some extent No 204  
## 6 To some extent Yes 236  
## 7 Not at all No 192  
## 8 Not at all Yes 144  
## 9 <NA> No 135  
## 10 <NA> Yes 85

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

## # A tibble: 20 x 3  
## # Groups: Current\_Q [5]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 To a great extent Honolulu County 79  
## 2 To a great extent Hawai'i County 25  
## 3 To a great extent Kaua'i County 16  
## 4 To a great extent Maui-Moloka'i-Lana'i County 12  
## 5 To a moderate extent Honolulu County 193  
## 6 To a moderate extent Hawai'i County 72  
## 7 To a moderate extent Kaua'i County 29  
## 8 To a moderate extent Maui-Moloka'i-Lana'i County 36  
## 9 To some extent Honolulu County 245  
## 10 To some extent Hawai'i County 103  
## 11 To some extent Kaua'i County 29  
## 12 To some extent Maui-Moloka'i-Lana'i County 63  
## 13 Not at all Honolulu County 189  
## 14 Not at all Hawai'i County 71  
## 15 Not at all Kaua'i County 30  
## 16 Not at all Maui-Moloka'i-Lana'i County 46  
## 17 <NA> Honolulu County 130  
## 18 <NA> Hawai'i County 43  
## 19 <NA> Kaua'i County 16  
## 20 <NA> Maui-Moloka'i-Lana'i County 31

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 2.21 0.960

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 2.04 0.937  
## 2 Yes 2.35 0.958

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 2.23 0.968  
## 2 Hawai'i County 2.19 0.930  
## 3 Kaua'i County 2.30 1.05   
## 4 Maui-Moloka'i-Lana'i County 2.09 0.908

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1235 3250.300   
## 2 Hawaiian 1234 3218.469 1 vs 2 1 31.830728 1.682104e-08  
## 3 Loc + Hawaiian 1231 3215.705 2 vs 3 3 2.764072 4.294485e-01  
## 4 Loc \* Hawaiian 1228 3212.349 3 vs 4 3 3.356254 3.398896e-01

Q6 Programs don’t meet my family’s needs:To what extent do the following factors limit your access to education programs?

## # A tibble: 5 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 To a great extent 104  
## 2 To a moderate extent 202  
## 3 To some extent 491  
## 4 Not at all 357  
## 5 <NA> 304

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

## # A tibble: 10 x 3  
## # Groups: Current\_Q [5]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 To a great extent No 44  
## 2 To a great extent Yes 60  
## 3 To a moderate extent No 89  
## 4 To a moderate extent Yes 113  
## 5 To some extent No 230  
## 6 To some extent Yes 261  
## 7 Not at all No 160  
## 8 Not at all Yes 197  
## 9 <NA> No 180  
## 10 <NA> Yes 124

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

## # A tibble: 20 x 3  
## # Groups: Current\_Q [5]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 To a great extent Honolulu County 54  
## 2 To a great extent Hawai'i County 20  
## 3 To a great extent Kaua'i County 17  
## 4 To a great extent Maui-Moloka'i-Lana'i County 13  
## 5 To a moderate extent Honolulu County 106  
## 6 To a moderate extent Hawai'i County 47  
## 7 To a moderate extent Kaua'i County 23  
## 8 To a moderate extent Maui-Moloka'i-Lana'i County 26  
## 9 To some extent Honolulu County 273  
## 10 To some extent Hawai'i County 118  
## 11 To some extent Kaua'i County 37  
## 12 To some extent Maui-Moloka'i-Lana'i County 63  
## 13 Not at all Honolulu County 221  
## 14 Not at all Hawai'i County 64  
## 15 Not at all Kaua'i County 22  
## 16 Not at all Maui-Moloka'i-Lana'i County 50  
## 17 <NA> Honolulu County 182  
## 18 <NA> Hawai'i County 65  
## 19 <NA> Kaua'i County 21  
## 20 <NA> Maui-Moloka'i-Lana'i County 36

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 2.05 0.918

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 2.03 0.902  
## 2 Yes 2.06 0.933

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 1.99 0.912  
## 2 Hawai'i County 2.09 0.873  
## 3 Kaua'i County 2.35 1.01   
## 4 Maui-Moloka'i-Lana'i County 2.01 0.921

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1151 2881.499   
## 2 Hawaiian 1150 2881.398 1 vs 2 1 0.1008573 0.750803215  
## 3 Loc + Hawaiian 1147 2867.240 2 vs 3 3 14.1579224 0.002697887  
## 4 Loc \* Hawaiian 1144 2866.918 3 vs 4 3 0.3217478 0.955887738

Q6 Tuition or program fees:To what extent do the following factors limit your access to education programs?

## # A tibble: 5 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 To a great extent 379  
## 2 To a moderate extent 340  
## 3 To some extent 365  
## 4 Not at all 215  
## 5 <NA> 159

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

## # A tibble: 10 x 3  
## # Groups: Current\_Q [5]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 To a great extent No 135  
## 2 To a great extent Yes 244  
## 3 To a moderate extent No 157  
## 4 To a moderate extent Yes 183  
## 5 To some extent No 185  
## 6 To some extent Yes 180  
## 7 Not at all No 125  
## 8 Not at all Yes 90  
## 9 <NA> No 101  
## 10 <NA> Yes 58

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

## # A tibble: 20 x 3  
## # Groups: Current\_Q [5]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 To a great extent Honolulu County 231  
## 2 To a great extent Hawai'i County 76  
## 3 To a great extent Kaua'i County 28  
## 4 To a great extent Maui-Moloka'i-Lana'i County 44  
## 5 To a moderate extent Honolulu County 187  
## 6 To a moderate extent Hawai'i County 75  
## 7 To a moderate extent Kaua'i County 29  
## 8 To a moderate extent Maui-Moloka'i-Lana'i County 49  
## 9 To some extent Honolulu County 197  
## 10 To some extent Hawai'i County 84  
## 11 To some extent Kaua'i County 32  
## 12 To some extent Maui-Moloka'i-Lana'i County 52  
## 13 Not at all Honolulu County 128  
## 14 Not at all Hawai'i County 47  
## 15 Not at all Kaua'i County 19  
## 16 Not at all Maui-Moloka'i-Lana'i County 21  
## 17 <NA> Honolulu County 93  
## 18 <NA> Hawai'i County 32  
## 19 <NA> Kaua'i County 12  
## 20 <NA> Maui-Moloka'i-Lana'i County 22

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 2.68 1.06

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 2.50 1.06  
## 2 Yes 2.83 1.05

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 2.70 1.09   
## 2 Hawai'i County 2.64 1.05   
## 3 Kaua'i County 2.61 1.06   
## 4 Maui-Moloka'i-Lana'i County 2.70 1.000

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1296 3545.336   
## 2 Hawaiian 1295 3513.664 1 vs 2 1 31.672246 1.825119e-08  
## 3 Loc + Hawaiian 1292 3511.131 2 vs 3 3 2.533573 4.692543e-01  
## 4 Loc \* Hawaiian 1289 3508.246 3 vs 4 3 2.884841 4.097233e-01

##Q7

## # A tibble: 6 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 Extremely 226  
## 2 Quite a bit 283  
## 3 Moderately 331  
## 4 A little bit 286  
## 5 Not at all 303  
## 6 <NA> 29

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

## # A tibble: 12 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 Extremely No 101  
## 2 Extremely Yes 125  
## 3 Quite a bit No 126  
## 4 Quite a bit Yes 157  
## 5 Moderately No 143  
## 6 Moderately Yes 188  
## 7 A little bit No 131  
## 8 A little bit Yes 155  
## 9 Not at all No 187  
## 10 Not at all Yes 116  
## 11 <NA> No 15  
## 12 <NA> Yes 14

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

## # A tibble: 23 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 Extremely Honolulu County 127  
## 2 Extremely Hawai'i County 48  
## 3 Extremely Kaua'i County 21  
## 4 Extremely Maui-Moloka'i-Lana'i County 30  
## 5 Quite a bit Honolulu County 148  
## 6 Quite a bit Hawai'i County 72  
## 7 Quite a bit Kaua'i County 29  
## 8 Quite a bit Maui-Moloka'i-Lana'i County 34  
## 9 Moderately Honolulu County 188  
## 10 Moderately Hawai'i County 73  
## # ... with 13 more rows

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 2.89 1.37

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 2.74 1.41  
## 2 Yes 3.03 1.31

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 2.83 1.38  
## 2 Hawai'i County 2.97 1.35  
## 3 Kaua'i County 3.17 1.27  
## 4 Maui-Moloka'i-Lana'i County 2.84 1.39

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1425 4578.442   
## 2 Hawaiian 1424 4562.591 1 vs 2 1 15.851229 6.852201e-05  
## 3 Loc + Hawaiian 1421 4555.067 2 vs 3 3 7.524533 5.693143e-02  
## 4 Loc \* Hawaiian 1418 4551.322 3 vs 4 3 3.744281 2.904340e-01

##Q8

Q8 How connected do you feel to an ethnic or cultural community?

## # A tibble: 6 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 Extremely 211  
## 2 Quite a bit 378  
## 3 Moderately 427  
## 4 A little bit 277  
## 5 Not at all 141  
## 6 <NA> 24

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

## # A tibble: 12 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 Extremely No 56  
## 2 Extremely Yes 155  
## 3 Quite a bit No 159  
## 4 Quite a bit Yes 219  
## 5 Moderately No 213  
## 6 Moderately Yes 214  
## 7 A little bit No 167  
## 8 A little bit Yes 110  
## 9 Not at all No 95  
## 10 Not at all Yes 46  
## 11 <NA> No 13  
## 12 <NA> Yes 11

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

## # A tibble: 24 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 Extremely Honolulu County 123  
## 2 Extremely Hawai'i County 47  
## 3 Extremely Kaua'i County 18  
## 4 Extremely Maui-Moloka'i-Lana'i County 23  
## 5 Quite a bit Honolulu County 204  
## 6 Quite a bit Hawai'i County 85  
## 7 Quite a bit Kaua'i County 36  
## 8 Quite a bit Maui-Moloka'i-Lana'i County 53  
## 9 Moderately Honolulu County 239  
## 10 Moderately Hawai'i County 105  
## # ... with 14 more rows

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 3.17 1.19

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 2.88 1.16  
## 2 Yes 3.44 1.15

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 3.14 1.20  
## 2 Hawai'i County 3.26 1.14  
## 3 Kaua'i County 3.25 1.19  
## 4 Maui-Moloka'i-Lana'i County 3.09 1.20

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1430 4416.250   
## 2 Hawaiian 1429 4335.091 1 vs 2 1 81.159202 0.0000000  
## 3 Loc + Hawaiian 1426 4333.367 2 vs 3 3 1.723346 0.6317559  
## 4 Loc \* Hawaiian 1423 4332.110 3 vs 4 3 1.257518 0.7392447

Q9 How connected do you feel to the geographic community in which you live?

## # A tibble: 6 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 Extremely 216  
## 2 Quite a bit 417  
## 3 Moderately 436  
## 4 A little bit 268  
## 5 Not at all 99  
## 6 <NA> 22

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

## # A tibble: 12 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 Extremely No 98  
## 2 Extremely Yes 118  
## 3 Quite a bit No 208  
## 4 Quite a bit Yes 209  
## 5 Moderately No 218  
## 6 Moderately Yes 218  
## 7 A little bit No 132  
## 8 A little bit Yes 136  
## 9 Not at all No 41  
## 10 Not at all Yes 58  
## 11 <NA> No 6  
## 12 <NA> Yes 16

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

## # A tibble: 24 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 Extremely Honolulu County 101  
## 2 Extremely Hawai'i County 57  
## 3 Extremely Kaua'i County 22  
## 4 Extremely Maui-Moloka'i-Lana'i County 36  
## 5 Quite a bit Honolulu County 211  
## 6 Quite a bit Hawai'i County 108  
## 7 Quite a bit Kaua'i County 46  
## 8 Quite a bit Maui-Moloka'i-Lana'i County 52  
## 9 Moderately Honolulu County 270  
## 10 Moderately Hawai'i County 86  
## # ... with 14 more rows

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 3.27 1.13

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 3.27 1.10  
## 2 Yes 3.26 1.16

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 3.13 1.13  
## 2 Hawai'i County 3.49 1.07  
## 3 Kaua'i County 3.53 1.09  
## 4 Maui-Moloka'i-Lana'i County 3.35 1.18

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat.  
## 1 1 1432 4318.318   
## 2 Hawaiian 1431 4318.315 1 vs 2 1 0.002844071  
## 3 Loc + Hawaiian 1428 4286.142 2 vs 3 3 32.173528301  
## 4 Loc \* Hawaiian 1425 4284.722 3 vs 4 3 1.420010184  
## Pr(Chi)  
## 1   
## 2 9.574691e-01  
## 3 4.810780e-07  
## 4 7.008510e-01

Q10 How connected do you feel to your neighbors (for example, visiting with them, asking them to watch your home, offering help to them when they ask)?

## # A tibble: 6 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 Extremely 312  
## 2 Quite a bit 391  
## 3 Moderately 347  
## 4 A little bit 252  
## 5 Not at all 146  
## 6 <NA> 10

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

## # A tibble: 12 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 Extremely No 139  
## 2 Extremely Yes 173  
## 3 Quite a bit No 208  
## 4 Quite a bit Yes 183  
## 5 Moderately No 166  
## 6 Moderately Yes 181  
## 7 A little bit No 127  
## 8 A little bit Yes 125  
## 9 Not at all No 59  
## 10 Not at all Yes 87  
## 11 <NA> No 4  
## 12 <NA> Yes 6

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

## # A tibble: 24 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 Extremely Honolulu County 168  
## 2 Extremely Hawai'i County 78  
## 3 Extremely Kaua'i County 19  
## 4 Extremely Maui-Moloka'i-Lana'i County 47  
## 5 Quite a bit Honolulu County 213  
## 6 Quite a bit Hawai'i County 104  
## 7 Quite a bit Kaua'i County 34  
## 8 Quite a bit Maui-Moloka'i-Lana'i County 40  
## 9 Moderately Honolulu County 200  
## 10 Moderately Hawai'i County 67  
## # ... with 14 more rows

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 3.33 1.27

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 3.34 1.22  
## 2 Yes 3.31 1.31

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 3.25 1.28  
## 2 Hawai'i County 3.56 1.19  
## 3 Kaua'i County 3.27 1.18  
## 4 Maui-Moloka'i-Lana'i County 3.30 1.35

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1444 4524.270   
## 2 Hawaiian 1443 4524.134 1 vs 2 1 0.1357386 0.712554674  
## 3 Loc + Hawaiian 1440 4509.952 2 vs 3 3 14.1826706 0.002666762  
## 4 Loc \* Hawaiian 1437 4507.881 3 vs 4 3 2.0703035 0.557943881

Q31 How often do you spend time learning about Native Hawaiian culture?

## # A tibble: 6 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 Daily 237  
## 2 Weekly 290  
## 3 Monthly 266  
## 4 Once or twice a year 341  
## 5 Never 103  
## 6 <NA> 221

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

## # A tibble: 12 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 Daily No 66  
## 2 Daily Yes 171  
## 3 Weekly No 117  
## 4 Weekly Yes 173  
## 5 Monthly No 121  
## 6 Monthly Yes 145  
## 7 Once or twice a year No 201  
## 8 Once or twice a year Yes 140  
## 9 Never No 76  
## 10 Never Yes 27  
## 11 <NA> No 122  
## 12 <NA> Yes 99

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

## # A tibble: 24 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 Daily Honolulu County 119  
## 2 Daily Hawai'i County 54  
## 3 Daily Kaua'i County 23  
## 4 Daily Maui-Moloka'i-Lana'i County 41  
## 5 Weekly Honolulu County 140  
## 6 Weekly Hawai'i County 82  
## 7 Weekly Kaua'i County 27  
## 8 Weekly Maui-Moloka'i-Lana'i County 41  
## 9 Monthly Honolulu County 150  
## 10 Monthly Hawai'i County 59  
## # ... with 14 more rows

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 3.18 1.26

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 2.82 1.22  
## 2 Yes 3.49 1.20

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 3.01 1.27  
## 2 Hawai'i County 3.37 1.17  
## 3 Kaua'i County 3.34 1.26  
## 4 Maui-Moloka'i-Lana'i County 3.45 1.24

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1233 3833.070   
## 2 Hawaiian 1232 3744.796 1 vs 2 1 88.273765 0.000000e+00  
## 3 Loc + Hawaiian 1229 3713.661 2 vs 3 3 31.134645 7.963269e-07  
## 4 Loc \* Hawaiian 1226 3704.478 3 vs 4 3 9.183332 2.695013e-02

Q32 How often do you participate in activities you consider to be based in Native Hawaiian culture? (For example, surfing, hula, genealogy, historic holidays, lo’i kalo [taro farming])

## # A tibble: 6 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 Daily 180  
## 2 Weekly 300  
## 3 Monthly 312  
## 4 Once or twice a year 376  
## 5 Never 129  
## 6 <NA> 161

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

## # A tibble: 12 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 Daily No 44  
## 2 Daily Yes 136  
## 3 Weekly No 111  
## 4 Weekly Yes 189  
## 5 Monthly No 136  
## 6 Monthly Yes 176  
## 7 Once or twice a year No 226  
## 8 Once or twice a year Yes 150  
## 9 Never No 95  
## 10 Never Yes 34  
## 11 <NA> No 91  
## 12 <NA> Yes 70

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

## # A tibble: 24 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 Daily Honolulu County 95  
## 2 Daily Hawai'i County 41  
## 3 Daily Kaua'i County 18  
## 4 Daily Maui-Moloka'i-Lana'i County 26  
## 5 Weekly Honolulu County 144  
## 6 Weekly Hawai'i County 81  
## 7 Weekly Kaua'i County 31  
## 8 Weekly Maui-Moloka'i-Lana'i County 44  
## 9 Monthly Honolulu County 179  
## 10 Monthly Hawai'i County 70  
## # ... with 14 more rows

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 3.02 1.21

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 2.65 1.16  
## 2 Yes 3.35 1.17

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 2.88 1.23  
## 2 Hawai'i County 3.19 1.17  
## 3 Kaua'i County 3.27 1.17  
## 4 Maui-Moloka'i-Lana'i County 3.21 1.17

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1293 4005.046   
## 2 Hawaiian 1292 3891.810 1 vs 2 1 113.236463 0.000000e+00  
## 3 Loc + Hawaiian 1289 3865.096 2 vs 3 3 26.713777 6.759493e-06  
## 4 Loc \* Hawaiian 1286 3859.287 3 vs 4 3 5.809439 1.212586e-01

Q4 Written a letter or submitted testimony about an issue that is important to you:In the last 12 months, which of the following community-building activities have you participated in virtually or in person? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 1072  
## 2 Yes 386

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 523  
## 2 No Yes 549  
## 3 Yes No 180  
## 4 Yes Yes 206

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 648  
## 2 No Hawai'i County 227  
## 3 No Kaua'i County 73  
## 4 No Maui-Moloka'i-Lana'i County 124  
## 5 Yes Honolulu County 188  
## 6 Yes Hawai'i County 87  
## 7 Yes Kaua'i County 47  
## 8 Yes Maui-Moloka'i-Lana'i County 64

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.265 0.441

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.256 0.437  
## 2 Yes 0.273 0.446

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.225 0.418  
## 2 Hawai'i County 0.277 0.448  
## 3 Kaua'i County 0.392 0.490  
## 4 Maui-Moloka'i-Lana'i County 0.340 0.475

Analyses:

## Analysis of Deviance Table  
##   
## Model: binomial, link: logit  
##   
## Response: Current\_Q  
##   
## Terms added sequentially (first to last)  
##   
##   
## Df Deviance Resid. Df Resid. Dev Pr(>Chi)   
## NULL 1457 1685.3   
## Hawaiian 1 0.5283 1456 1684.8 0.4673   
## Loc 3 21.9023 1453 1662.9 6.836e-05 \*\*\*  
## Hawaiian:Loc 3 5.1767 1450 1657.7 0.1593   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Q4 Made donations to benefit the community:In the last 12 months, which of the following community-building activities have you participated in virtually or in person? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 699  
## 2 Yes 759

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 330  
## 2 No Yes 369  
## 3 Yes No 373  
## 4 Yes Yes 386

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 395  
## 2 No Hawai'i County 143  
## 3 No Kaua'i County 74  
## 4 No Maui-Moloka'i-Lana'i County 87  
## 5 Yes Honolulu County 441  
## 6 Yes Hawai'i County 171  
## 7 Yes Kaua'i County 46  
## 8 Yes Maui-Moloka'i-Lana'i County 101

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.521 0.500

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.531 0.499  
## 2 Yes 0.511 0.500

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.528 0.500  
## 2 Hawai'i County 0.545 0.499  
## 3 Kaua'i County 0.383 0.488  
## 4 Maui-Moloka'i-Lana'i County 0.537 0.500

Analyses:

## Analysis of Deviance Table  
##   
## Model: binomial, link: logit  
##   
## Response: Current\_Q  
##   
## Terms added sequentially (first to last)  
##   
##   
## Df Deviance Resid. Df Resid. Dev Pr(>Chi)   
## NULL 1457 2018.8   
## Hawaiian 1 0.5448 1456 2018.2 0.46046   
## Loc 3 10.3428 1453 2007.9 0.01587 \*   
## Hawaiian:Loc 3 12.8773 1450 1995.0 0.00491 \*\*  
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Q4 Met with a local official about an issue that is important to you:In the last 12 months, which of the following community-building activities have you participated in virtually or in person? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 1296  
## 2 Yes 162

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 635  
## 2 No Yes 661  
## 3 Yes No 68  
## 4 Yes Yes 94

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 755  
## 2 No Hawai'i County 272  
## 3 No Kaua'i County 102  
## 4 No Maui-Moloka'i-Lana'i County 167  
## 5 Yes Honolulu County 81  
## 6 Yes Hawai'i County 42  
## 7 Yes Kaua'i County 18  
## 8 Yes Maui-Moloka'i-Lana'i County 21

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.111 0.314

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.0967 0.296  
## 2 Yes 0.125 0.330

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.0969 0.296  
## 2 Hawai'i County 0.134 0.341  
## 3 Kaua'i County 0.150 0.359  
## 4 Maui-Moloka'i-Lana'i County 0.112 0.316

Analyses:

## Analysis of Deviance Table  
##   
## Model: binomial, link: logit  
##   
## Response: Current\_Q  
##   
## Terms added sequentially (first to last)  
##   
##   
## Df Deviance Resid. Df Resid. Dev Pr(>Chi)   
## NULL 1457 1017.2   
## Hawaiian 1 2.8576 1456 1014.3 0.09094 .  
## Loc 3 4.8463 1453 1009.5 0.18341   
## Hawaiian:Loc 3 2.6458 1450 1006.8 0.44951   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Q4 None:In the last 12 months, which of the following community-building activities have you participated in virtually or in person? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 1138  
## 2 Yes 320

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 548  
## 2 No Yes 590  
## 3 Yes No 155  
## 4 Yes Yes 165

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 643  
## 2 No Hawai'i County 253  
## 3 No Kaua'i County 98  
## 4 No Maui-Moloka'i-Lana'i County 144  
## 5 Yes Honolulu County 193  
## 6 Yes Hawai'i County 61  
## 7 Yes Kaua'i County 22  
## 8 Yes Maui-Moloka'i-Lana'i County 44

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.219 0.414

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.220 0.415  
## 2 Yes 0.219 0.414

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.231 0.422  
## 2 Hawai'i County 0.194 0.396  
## 3 Kaua'i County 0.183 0.389  
## 4 Maui-Moloka'i-Lana'i County 0.234 0.425

Analyses:

## Analysis of Deviance Table  
##   
## Model: binomial, link: logit  
##   
## Response: Current\_Q  
##   
## Terms added sequentially (first to last)  
##   
##   
## Df Deviance Resid. Df Resid. Dev Pr(>Chi)  
## NULL 1457 1534.5   
## Hawaiian 1 0.0080 1456 1534.5 0.9287  
## Loc 3 3.0005 1453 1531.5 0.3915  
## Hawaiian:Loc 3 2.4319 1450 1529.1 0.4877

Q4 Organized an event to address a community issue:In the last 12 months, which of the following community-building activities have you participated in virtually or in person? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 1264  
## 2 Yes 194

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 630  
## 2 No Yes 634  
## 3 Yes No 73  
## 4 Yes Yes 121

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 749  
## 2 No Hawai'i County 253  
## 3 No Kaua'i County 98  
## 4 No Maui-Moloka'i-Lana'i County 164  
## 5 Yes Honolulu County 87  
## 6 Yes Hawai'i County 61  
## 7 Yes Kaua'i County 22  
## 8 Yes Maui-Moloka'i-Lana'i County 24

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.133 0.340

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.104 0.305  
## 2 Yes 0.160 0.367

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.104 0.306  
## 2 Hawai'i County 0.194 0.396  
## 3 Kaua'i County 0.183 0.389  
## 4 Maui-Moloka'i-Lana'i County 0.128 0.335

Analyses:

## Analysis of Deviance Table  
##   
## Model: binomial, link: logit  
##   
## Response: Current\_Q  
##   
## Terms added sequentially (first to last)  
##   
##   
## Df Deviance Resid. Df Resid. Dev Pr(>Chi)   
## NULL 1457 1143.5   
## Hawaiian 1 10.1582 1456 1133.4 0.0014366 \*\*   
## Loc 3 17.1525 1453 1116.2 0.0006575 \*\*\*  
## Hawaiian:Loc 3 1.4033 1450 1114.8 0.7047641   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Q4 Participated in an event to address a community issue:In the last 12 months, which of the following community-building activities have you participated in virtually or in person? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 991  
## 2 Yes 467

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 523  
## 2 No Yes 468  
## 3 Yes No 180  
## 4 Yes Yes 287

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 579  
## 2 No Hawai'i County 200  
## 3 No Kaua'i County 75  
## 4 No Maui-Moloka'i-Lana'i County 137  
## 5 Yes Honolulu County 257  
## 6 Yes Hawai'i County 114  
## 7 Yes Kaua'i County 45  
## 8 Yes Maui-Moloka'i-Lana'i County 51

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.320 0.467

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.256 0.437  
## 2 Yes 0.380 0.486

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.307 0.462  
## 2 Hawai'i County 0.363 0.482  
## 3 Kaua'i County 0.375 0.486  
## 4 Maui-Moloka'i-Lana'i County 0.271 0.446

Analyses:

## Analysis of Deviance Table  
##   
## Model: binomial, link: logit  
##   
## Response: Current\_Q  
##   
## Terms added sequentially (first to last)  
##   
##   
## Df Deviance Resid. Df Resid. Dev Pr(>Chi)   
## NULL 1457 1828.6   
## Hawaiian 1 25.9343 1456 1802.7 3.532e-07 \*\*\*  
## Loc 3 5.8441 1453 1796.8 0.1194   
## Hawaiian:Loc 3 0.7466 1450 1796.1 0.8622   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Q4 Worked with others in the community to achieve a common goal (for example, fundraising for the local library):In the last 12 months, which of the following community-building activities have you participated in virtually or in person? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 972  
## 2 Yes 486

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 507  
## 2 No Yes 465  
## 3 Yes No 196  
## 4 Yes Yes 290

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 572  
## 2 No Hawai'i County 194  
## 3 No Kaua'i County 77  
## 4 No Maui-Moloka'i-Lana'i County 129  
## 5 Yes Honolulu County 264  
## 6 Yes Hawai'i County 120  
## 7 Yes Kaua'i County 43  
## 8 Yes Maui-Moloka'i-Lana'i County 59

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.333 0.472

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.279 0.449  
## 2 Yes 0.384 0.487

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.316 0.465  
## 2 Hawai'i County 0.382 0.487  
## 3 Kaua'i County 0.358 0.482  
## 4 Maui-Moloka'i-Lana'i County 0.314 0.465

Analyses:

## Analysis of Deviance Table  
##   
## Model: binomial, link: logit  
##   
## Response: Current\_Q  
##   
## Terms added sequentially (first to last)  
##   
##   
## Df Deviance Resid. Df Resid. Dev Pr(>Chi)   
## NULL 1457 1856.1   
## Hawaiian 1 18.2566 1456 1837.8 1.931e-05 \*\*\*  
## Loc 3 4.2136 1453 1833.6 0.2393   
## Hawaiian:Loc 3 6.2463 1450 1827.4 0.1002   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Q10 - above

Q12 With my family and friends:If leadership means serving others and improving your community, where do you act as a leader? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 258  
## 2 Yes 1200

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 146  
## 2 No Yes 112  
## 3 Yes No 557  
## 4 Yes Yes 643

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 141  
## 2 No Hawai'i County 61  
## 3 No Kaua'i County 25  
## 4 No Maui-Moloka'i-Lana'i County 31  
## 5 Yes Honolulu County 695  
## 6 Yes Hawai'i County 253  
## 7 Yes Kaua'i County 95  
## 8 Yes Maui-Moloka'i-Lana'i County 157

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.823 0.382

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.792 0.406  
## 2 Yes 0.852 0.356

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.831 0.375  
## 2 Hawai'i County 0.806 0.396  
## 3 Kaua'i County 0.792 0.408  
## 4 Maui-Moloka'i-Lana'i County 0.835 0.372

Analyses:

## Analysis of Deviance Table  
##   
## Model: binomial, link: logit  
##   
## Response: Current\_Q  
##   
## Terms added sequentially (first to last)  
##   
##   
## Df Deviance Resid. Df Resid. Dev Pr(>Chi)   
## NULL 1457 1361.0   
## Hawaiian 1 8.8073 1456 1352.2 0.00300 \*\*  
## Loc 3 2.3756 1453 1349.8 0.49820   
## Hawaiian:Loc 3 6.2988 1450 1343.5 0.09795 .   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Q12 At my workplace:If leadership means serving others and improving your community, where do you act as a leader? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 658  
## 2 Yes 800

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 354  
## 2 No Yes 304  
## 3 Yes No 349  
## 4 Yes Yes 451

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 360  
## 2 No Hawai'i County 143  
## 3 No Kaua'i County 62  
## 4 No Maui-Moloka'i-Lana'i County 93  
## 5 Yes Honolulu County 476  
## 6 Yes Hawai'i County 171  
## 7 Yes Kaua'i County 58  
## 8 Yes Maui-Moloka'i-Lana'i County 95

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.549 0.498

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.496 0.500  
## 2 Yes 0.597 0.491

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.569 0.495  
## 2 Hawai'i County 0.545 0.499  
## 3 Kaua'i County 0.483 0.502  
## 4 Maui-Moloka'i-Lana'i County 0.505 0.501

Analyses:

## Analysis of Deviance Table  
##   
## Model: binomial, link: logit  
##   
## Response: Current\_Q  
##   
## Terms added sequentially (first to last)  
##   
##   
## Df Deviance Resid. Df Resid. Dev Pr(>Chi)   
## NULL 1457 2007.4   
## Hawaiian 1 14.9885 1456 1992.4 0.0001082 \*\*\*  
## Loc 3 4.5925 1453 1987.8 0.2041889   
## Hawaiian:Loc 3 2.6866 1450 1985.1 0.4425151   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Q12 At my workplace:If leadership means serving others and improving your community, where do you act as a leader? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 658  
## 2 Yes 800

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 354  
## 2 No Yes 304  
## 3 Yes No 349  
## 4 Yes Yes 451

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 360  
## 2 No Hawai'i County 143  
## 3 No Kaua'i County 62  
## 4 No Maui-Moloka'i-Lana'i County 93  
## 5 Yes Honolulu County 476  
## 6 Yes Hawai'i County 171  
## 7 Yes Kaua'i County 58  
## 8 Yes Maui-Moloka'i-Lana'i County 95

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.549 0.498

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.496 0.500  
## 2 Yes 0.597 0.491

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.569 0.495  
## 2 Hawai'i County 0.545 0.499  
## 3 Kaua'i County 0.483 0.502  
## 4 Maui-Moloka'i-Lana'i County 0.505 0.501

Analyses:

## Analysis of Deviance Table  
##   
## Model: binomial, link: logit  
##   
## Response: Current\_Q  
##   
## Terms added sequentially (first to last)  
##   
##   
## Df Deviance Resid. Df Resid. Dev Pr(>Chi)   
## NULL 1457 2007.4   
## Hawaiian 1 14.9885 1456 1992.4 0.0001082 \*\*\*  
## Loc 3 4.5925 1453 1987.8 0.2041889   
## Hawaiian:Loc 3 2.6866 1450 1985.1 0.4425151   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Q12 In community organizations (for example, clubs, churches, schools):If leadership means serving others and improving your community, where do you act as a leader? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 873  
## 2 Yes 585

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 432  
## 2 No Yes 441  
## 3 Yes No 271  
## 4 Yes Yes 314

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 513  
## 2 No Hawai'i County 178  
## 3 No Kaua'i County 65  
## 4 No Maui-Moloka'i-Lana'i County 117  
## 5 Yes Honolulu County 323  
## 6 Yes Hawai'i County 136  
## 7 Yes Kaua'i County 55  
## 8 Yes Maui-Moloka'i-Lana'i County 71

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.401 0.490

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.385 0.487  
## 2 Yes 0.416 0.493

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.386 0.487  
## 2 Hawai'i County 0.433 0.496  
## 3 Kaua'i County 0.458 0.500  
## 4 Maui-Moloka'i-Lana'i County 0.378 0.486

Analyses:

## Analysis of Deviance Table  
##   
## Model: binomial, link: logit  
##   
## Response: Current\_Q  
##   
## Terms added sequentially (first to last)  
##   
##   
## Df Deviance Resid. Df Resid. Dev Pr(>Chi)  
## NULL 1457 1964.0   
## Hawaiian 1 1.4013 1456 1962.5 0.2365  
## Loc 3 3.9731 1453 1958.6 0.2644  
## Hawaiian:Loc 3 0.4045 1450 1958.2 0.9393

Q12 On the aina (land) or kai (ocean):If leadership means serving others and improving your community, where do you act as a leader? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 1067  
## 2 Yes 391

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 560  
## 2 No Yes 507  
## 3 Yes No 143  
## 4 Yes Yes 248

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 629  
## 2 No Hawai'i County 208  
## 3 No Kaua'i County 92  
## 4 No Maui-Moloka'i-Lana'i County 138  
## 5 Yes Honolulu County 207  
## 6 Yes Hawai'i County 106  
## 7 Yes Kaua'i County 28  
## 8 Yes Maui-Moloka'i-Lana'i County 50

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.268 0.443

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.203 0.403  
## 2 Yes 0.328 0.470

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.248 0.432  
## 2 Hawai'i County 0.338 0.474  
## 3 Kaua'i County 0.233 0.425  
## 4 Maui-Moloka'i-Lana'i County 0.266 0.443

Analyses:

## Analysis of Deviance Table  
##   
## Model: binomial, link: logit  
##   
## Response: Current\_Q  
##   
## Terms added sequentially (first to last)  
##   
##   
## Df Deviance Resid. Df Resid. Dev Pr(>Chi)   
## NULL 1457 1695.5   
## Hawaiian 1 29.3247 1456 1666.1 6.121e-08 \*\*\*  
## Loc 3 8.2672 1453 1657.9 0.0408 \*   
## Hawaiian:Loc 3 3.4325 1450 1654.4 0.3296   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Q34 How often do you spend time contributing to the well-being of the Native Hawaiian community?

## # A tibble: 7 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 Daily 202  
## 2 Weekly 199  
## 3 Monthly 223  
## 4 A couple of times a year 332  
## 5 Rarely 373  
## 6 Never 73  
## 7 <NA> 56

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

## # A tibble: 14 x 3  
## # Groups: Current\_Q [7]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 Daily No 55  
## 2 Daily Yes 147  
## 3 Weekly No 81  
## 4 Weekly Yes 118  
## 5 Monthly No 89  
## 6 Monthly Yes 134  
## 7 A couple of times a year No 166  
## 8 A couple of times a year Yes 166  
## 9 Rarely No 228  
## 10 Rarely Yes 145  
## 11 Never No 59  
## 12 Never Yes 14  
## 13 <NA> No 25  
## 14 <NA> Yes 31

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

## # A tibble: 28 x 3  
## # Groups: Current\_Q [7]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 Daily Honolulu County 109  
## 2 Daily Hawai'i County 49  
## 3 Daily Kaua'i County 15  
## 4 Daily Maui-Moloka'i-Lana'i County 29  
## 5 Weekly Honolulu County 97  
## 6 Weekly Hawai'i County 56  
## 7 Weekly Kaua'i County 20  
## 8 Weekly Maui-Moloka'i-Lana'i County 26  
## 9 Monthly Honolulu County 115  
## 10 Monthly Hawai'i County 59  
## # ... with 18 more rows

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 3.50 1.50

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 3.10 1.42  
## 2 Yes 3.88 1.47

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 3.35 1.51  
## 2 Hawai'i County 3.75 1.49  
## 3 Kaua'i County 3.67 1.43  
## 4 Maui-Moloka'i-Lana'i County 3.68 1.43

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1397 4755.429   
## 2 Hawaiian 1396 4657.910 1 vs 2 1 97.51813 0.000000e+00  
## 3 Loc + Hawaiian 1393 4634.667 2 vs 3 3 23.24293 3.593791e-05  
## 4 Loc \* Hawaiian 1390 4622.978 3 vs 4 3 11.68936 8.526675e-03

Q15 Do you believe in a “higher power” such as God (Ke Akua) or other deities (personal, family, or Hawaiian gods)?

## # A tibble: 3 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 119  
## 2 Yes 1195  
## 3 <NA> 144

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

## # A tibble: 6 x 3  
## # Groups: Current\_Q [3]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 74  
## 2 No Yes 45  
## 3 Yes No 541  
## 4 Yes Yes 654  
## 5 <NA> No 88  
## 6 <NA> Yes 56

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

## # A tibble: 12 x 3  
## # Groups: Current\_Q [3]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 64  
## 2 No Hawai'i County 32  
## 3 No Kaua'i County 14  
## 4 No Maui-Moloka'i-Lana'i County 9  
## 5 Yes Honolulu County 691  
## 6 Yes Hawai'i County 247  
## 7 Yes Kaua'i County 96  
## 8 Yes Maui-Moloka'i-Lana'i County 161  
## 9 <NA> Honolulu County 81  
## 10 <NA> Hawai'i County 35  
## 11 <NA> Kaua'i County 10  
## 12 <NA> Maui-Moloka'i-Lana'i County 18

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 NA NA

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No NA NA  
## 2 Yes NA NA

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County NA NA  
## 2 Hawai'i County NA NA  
## 3 Kaua'i County NA NA  
## 4 Maui-Moloka'i-Lana'i County NA NA

Analyses:

## Analysis of Deviance Table  
##   
## Model 1: Current\_Q ~ 1  
## Model 2: Current\_Q ~ Hawaiian  
## Model 3: Current\_Q ~ Loc + Hawaiian  
## Model 4: Current\_Q ~ Loc \* Hawaiian  
## Resid. Df Resid. Dev Df Deviance Pr(>Chi)   
## 1 1313 798.49   
## 2 1312 786.02 1 12.4667 0.0004143 \*\*\*  
## 3 1309 777.67 3 8.3481 0.0393400 \*   
## 4 1306 773.74 3 3.9374 0.2683013   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

##   
##   
## Hawaiians are 2.44 times more likely to answer "yes".

Q16 How important is your belief in a “higher power” to your well-being?

## # A tibble: 6 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 Extremely 609  
## 2 Quite a bit 367  
## 3 Moderately 224  
## 4 A little bit 101  
## 5 Not at all 103  
## 6 <NA> 54

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

## # A tibble: 12 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 Extremely No 254  
## 2 Extremely Yes 355  
## 3 Quite a bit No 170  
## 4 Quite a bit Yes 197  
## 5 Moderately No 119  
## 6 Moderately Yes 105  
## 7 A little bit No 60  
## 8 A little bit Yes 41  
## 9 Not at all No 67  
## 10 Not at all Yes 36  
## 11 <NA> No 33  
## 12 <NA> Yes 21

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

## # A tibble: 24 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 Extremely Honolulu County 356  
## 2 Extremely Hawai'i County 129  
## 3 Extremely Kaua'i County 53  
## 4 Extremely Maui-Moloka'i-Lana'i County 71  
## 5 Quite a bit Honolulu County 201  
## 6 Quite a bit Hawai'i County 76  
## 7 Quite a bit Kaua'i County 37  
## 8 Quite a bit Maui-Moloka'i-Lana'i County 53  
## 9 Moderately Honolulu County 127  
## 10 Moderately Hawai'i County 46  
## # ... with 14 more rows

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 3.91 1.24

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 3.72 1.32  
## 2 Yes 4.08 1.13

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 3.92 1.24  
## 2 Hawai'i County 3.82 1.32  
## 3 Kaua'i County 4.15 1.02  
## 4 Maui-Moloka'i-Lana'i County 3.87 1.19

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1400 3894.246   
## 2 Hawaiian 1399 3867.758 1 vs 2 1 26.487813 2.652059e-07  
## 3 Loc + Hawaiian 1396 3863.061 2 vs 3 3 4.696980 1.953788e-01  
## 4 Loc \* Hawaiian 1393 3855.413 3 vs 4 3 7.648519 5.386268e-02

##   
##   
## Hawaiians are 1.59 times as likely to indicate importance.

Q17 How important is the health of the aina (land) and kai (ocean) to your well-being?

## # A tibble: 6 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 Extremely 832  
## 2 Quite a bit 399  
## 3 Moderately 178  
## 4 A little bit 22  
## 5 Not at all 8  
## 6 <NA> 19

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

## # A tibble: 12 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 Extremely No 356  
## 2 Extremely Yes 476  
## 3 Quite a bit No 218  
## 4 Quite a bit Yes 181  
## 5 Moderately No 100  
## 6 Moderately Yes 78  
## 7 A little bit No 16  
## 8 A little bit Yes 6  
## 9 Not at all No 4  
## 10 Not at all Yes 4  
## 11 <NA> No 9  
## 12 <NA> Yes 10

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

## # A tibble: 22 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 Extremely Honolulu County 455  
## 2 Extremely Hawai'i County 184  
## 3 Extremely Kaua'i County 68  
## 4 Extremely Maui-Moloka'i-Lana'i County 125  
## 5 Quite a bit Honolulu County 243  
## 6 Quite a bit Hawai'i County 84  
## 7 Quite a bit Kaua'i County 28  
## 8 Quite a bit Maui-Moloka'i-Lana'i County 44  
## 9 Moderately Honolulu County 104  
## 10 Moderately Hawai'i County 37  
## # ... with 12 more rows

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 4.41 0.805

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 4.31 0.842  
## 2 Yes 4.50 0.757

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 4.37 0.826  
## 2 Hawai'i County 4.43 0.788  
## 3 Kaua'i County 4.37 0.835  
## 4 Maui-Moloka'i-Lana'i County 4.56 0.696

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1435 2946.323   
## 2 Hawaiian 1434 2922.338 1 vs 2 1 23.98478 9.710022e-07  
## 3 Loc + Hawaiian 1431 2911.924 2 vs 3 3 10.41378 1.535733e-02  
## 4 Loc \* Hawaiian 1428 2900.776 3 vs 4 3 11.14809 1.095148e-02

##   
##   
## Hawaiians are 2.12 times as likely to indicate importance.

Q 18 How important is your cultural heritage to your well-being?

## # A tibble: 6 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 Extremely 576  
## 2 Quite a bit 442  
## 3 Moderately 274  
## 4 A little bit 97  
## 5 Not at all 44  
## 6 <NA> 25

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

## # A tibble: 12 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 Extremely No 180  
## 2 Extremely Yes 396  
## 3 Quite a bit No 217  
## 4 Quite a bit Yes 225  
## 5 Moderately No 174  
## 6 Moderately Yes 100  
## 7 A little bit No 78  
## 8 A little bit Yes 19  
## 9 Not at all No 40  
## 10 Not at all Yes 4  
## 11 <NA> No 14  
## 12 <NA> Yes 11

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

## # A tibble: 24 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 Extremely Honolulu County 327  
## 2 Extremely Hawai'i County 127  
## 3 Extremely Kaua'i County 50  
## 4 Extremely Maui-Moloka'i-Lana'i County 72  
## 5 Quite a bit Honolulu County 262  
## 6 Quite a bit Hawai'i County 82  
## 7 Quite a bit Kaua'i County 39  
## 8 Quite a bit Maui-Moloka'i-Lana'i County 59  
## 9 Moderately Honolulu County 161  
## 10 Moderately Hawai'i County 67  
## # ... with 14 more rows

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 3.98 1.07

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 3.61 1.16   
## 2 Yes 4.33 0.842

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 4.01 1.02  
## 2 Hawai'i County 3.94 1.12  
## 3 Kaua'i County 4.08 1.06  
## 4 Maui-Moloka'i-Lana'i County 3.88 1.19

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1429 3825.277   
## 2 Hawaiian 1428 3663.094 1 vs 2 1 162.183320 0.00000000  
## 3 Loc + Hawaiian 1425 3659.325 2 vs 3 3 3.768783 0.28753809  
## 4 Loc \* Hawaiian 1422 3650.651 3 vs 4 3 8.673694 0.03395913

##   
##   
## Hawaiians are 3.21 times as likely to indicate importance.

Q19 How important are your ’ohana (family) relationships to your well-being?

## # A tibble: 6 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 Extremely 1065  
## 2 Quite a bit 249  
## 3 Moderately 101  
## 4 A little bit 17  
## 5 Not at all 9  
## 6 <NA> 17

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

## # A tibble: 12 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 Extremely No 474  
## 2 Extremely Yes 591  
## 3 Quite a bit No 135  
## 4 Quite a bit Yes 114  
## 5 Moderately No 67  
## 6 Moderately Yes 34  
## 7 A little bit No 12  
## 8 A little bit Yes 5  
## 9 Not at all No 8  
## 10 Not at all Yes 1  
## 11 <NA> No 7  
## 12 <NA> Yes 10

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

## # A tibble: 24 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 Extremely Honolulu County 620  
## 2 Extremely Hawai'i County 223  
## 3 Extremely Kaua'i County 78  
## 4 Extremely Maui-Moloka'i-Lana'i County 144  
## 5 Quite a bit Honolulu County 139  
## 6 Quite a bit Hawai'i County 61  
## 7 Quite a bit Kaua'i County 19  
## 8 Quite a bit Maui-Moloka'i-Lana'i County 30  
## 9 Moderately Honolulu County 54  
## 10 Moderately Hawai'i County 20  
## # ... with 14 more rows

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 4.63 0.721

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 4.52 0.827  
## 2 Yes 4.73 0.587

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 4.65 0.695  
## 2 Hawai'i County 4.60 0.737  
## 3 Kaua'i County 4.45 0.895  
## 4 Maui-Moloka'i-Lana'i County 4.68 0.675

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1437 2297.573   
## 2 Hawaiian 1436 2270.471 1 vs 2 1 27.101382 1.930599e-07  
## 3 Loc + Hawaiian 1433 2262.918 2 vs 3 3 7.552903 5.621461e-02  
## 4 Loc \* Hawaiian 1430 2256.526 3 vs 4 3 6.391874 9.402566e-02

##   
##   
## Hawaiians are 2.35 times as likely to indicate importance.

Q29 How much do you care about Native Hawaiian issues such as self-determination, native land rights, and the revitalization of Hawaiian language?

## # A tibble: 6 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 Extremely 530  
## 2 Quite a bit 383  
## 3 Moderately 312  
## 4 A little bit 126  
## 5 Not at all 26  
## 6 <NA> 81

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

## # A tibble: 12 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 Extremely No 170  
## 2 Extremely Yes 360  
## 3 Quite a bit No 176  
## 4 Quite a bit Yes 207  
## 5 Moderately No 194  
## 6 Moderately Yes 118  
## 7 A little bit No 96  
## 8 A little bit Yes 30  
## 9 Not at all No 22  
## 10 Not at all Yes 4  
## 11 <NA> No 45  
## 12 <NA> Yes 36

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

## # A tibble: 24 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 Extremely Honolulu County 287  
## 2 Extremely Hawai'i County 119  
## 3 Extremely Kaua'i County 42  
## 4 Extremely Maui-Moloka'i-Lana'i County 82  
## 5 Quite a bit Honolulu County 212  
## 6 Quite a bit Hawai'i County 87  
## 7 Quite a bit Kaua'i County 38  
## 8 Quite a bit Maui-Moloka'i-Lana'i County 46  
## 9 Moderately Honolulu County 185  
## 10 Moderately Hawai'i County 67  
## # ... with 14 more rows

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 2.92 1.07

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 2.57 1.12   
## 2 Yes 3.24 0.909

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 2.83 1.11   
## 2 Hawai'i County 2.99 1.02   
## 3 Kaua'i County 3.01 1.000  
## 4 Maui-Moloka'i-Lana'i County 3.11 0.974

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1373 3727.74   
## 2 Hawaiian 1372 3594.53 1 vs 2 1 133.210473 0.000000000  
## 3 Loc + Hawaiian 1369 3578.97 2 vs 3 3 15.559368 0.001395974  
## 4 Loc \* Hawaiian 1366 3570.34 3 vs 4 3 8.630497 0.034629240

##   
##   
## Hawaiians are 4.02 times as likely to indicate importance.

Q28 How important is it for future generations to speak Olelo Hawai’i (Hawaiian language)?

## # A tibble: 6 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 Extremely 618  
## 2 Quite a bit 373  
## 3 Moderately 281  
## 4 A little bit 100  
## 5 Not at all 24  
## 6 <NA> 62

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

## # A tibble: 12 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 Extremely No 226  
## 2 Extremely Yes 392  
## 3 Quite a bit No 191  
## 4 Quite a bit Yes 182  
## 5 Moderately No 156  
## 6 Moderately Yes 125  
## 7 A little bit No 74  
## 8 A little bit Yes 26  
## 9 Not at all No 15  
## 10 Not at all Yes 9  
## 11 <NA> No 41  
## 12 <NA> Yes 21

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

## # A tibble: 24 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 Extremely Honolulu County 343  
## 2 Extremely Hawai'i County 130  
## 3 Extremely Kaua'i County 48  
## 4 Extremely Maui-Moloka'i-Lana'i County 97  
## 5 Quite a bit Honolulu County 211  
## 6 Quite a bit Hawai'i County 90  
## 7 Quite a bit Kaua'i County 34  
## 8 Quite a bit Maui-Moloka'i-Lana'i County 38  
## 9 Moderately Honolulu County 163  
## 10 Moderately Hawai'i County 60  
## # ... with 14 more rows

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 4.05 1.04

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 3.81 1.09   
## 2 Yes 4.26 0.944

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 4.01 1.07   
## 2 Hawai'i County 4.05 1.01   
## 3 Kaua'i County 4.09 0.950  
## 4 Maui-Moloka'i-Lana'i County 4.18 1.02

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1392 3614.921   
## 2 Hawaiian 1391 3550.499 1 vs 2 1 64.422190 9.992007e-16  
## 3 Loc + Hawaiian 1388 3544.010 2 vs 3 3 6.488951 9.009928e-02  
## 4 Loc \* Hawaiian 1385 3540.547 3 vs 4 3 3.462881 3.256083e-01

##   
##   
## Hawaiians are 2.63 times as likely to indicate importance.

Q27 I am currently learning Olelo Hawai’i.:Which of the following is true for you regarding learning Olelo Hawai’i (Hawaiian language)? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 1255  
## 2 Yes 203

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 632  
## 2 No Yes 623  
## 3 Yes No 71  
## 4 Yes Yes 132

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 728  
## 2 No Hawai'i County 270  
## 3 No Kaua'i County 101  
## 4 No Maui-Moloka'i-Lana'i County 156  
## 5 Yes Honolulu County 108  
## 6 Yes Hawai'i County 44  
## 7 Yes Kaua'i County 19  
## 8 Yes Maui-Moloka'i-Lana'i County 32

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.139 0.346

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.101 0.302  
## 2 Yes 0.175 0.380

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.129 0.336  
## 2 Hawai'i County 0.140 0.348  
## 3 Kaua'i County 0.158 0.367  
## 4 Maui-Moloka'i-Lana'i County 0.170 0.377

Analyses:

## Analysis of Deviance Table  
##   
## Model 1: Current\_Q ~ 1  
## Model 2: Current\_Q ~ Hawaiian  
## Model 3: Current\_Q ~ Loc + Hawaiian  
## Model 4: Current\_Q ~ Loc \* Hawaiian  
## Resid. Df Resid. Dev Df Deviance Pr(>Chi)   
## 1 1457 1176.8   
## 2 1456 1160.0 1 16.8259 4.097e-05 \*\*\*  
## 3 1453 1156.9 3 3.1003 0.3764   
## 4 1450 1153.4 3 3.4681 0.3249   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

##   
##   
## Hawaiians are 2.52 times more likely to answer "yes".

Q27 I am fluent in Olelo Hawai’i and continuously learning.:Which of the following is true for you regarding learning Olelo Hawai’i (Hawaiian language)? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 1384  
## 2 Yes 74

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 695  
## 2 No Yes 689  
## 3 Yes No 8  
## 4 Yes Yes 66

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 804  
## 2 No Hawai'i County 296  
## 3 No Kaua'i County 110  
## 4 No Maui-Moloka'i-Lana'i County 174  
## 5 Yes Honolulu County 32  
## 6 Yes Hawai'i County 18  
## 7 Yes Kaua'i County 10  
## 8 Yes Maui-Moloka'i-Lana'i County 14

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.0508 0.220

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.0114 0.106  
## 2 Yes 0.0874 0.283

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.0383 0.192  
## 2 Hawai'i County 0.0573 0.233  
## 3 Kaua'i County 0.0833 0.278  
## 4 Maui-Moloka'i-Lana'i County 0.0745 0.263

Analyses:

## Analysis of Deviance Table  
##   
## Model 1: Current\_Q ~ 1  
## Model 2: Current\_Q ~ Hawaiian  
## Model 3: Current\_Q ~ Loc + Hawaiian  
## Model 4: Current\_Q ~ Loc \* Hawaiian  
## Resid. Df Resid. Dev Df Deviance Pr(>Chi)   
## 1 1457 585.33   
## 2 1456 535.27 1 50.061 1.491e-12 \*\*\*  
## 3 1453 526.55 3 8.719 0.03328 \*   
## 4 1450 525.82 3 0.727 0.86679   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

##   
##   
## Hawaiians are 9.76 times more likely to answer "yes".

Q27 I am interested in learning Olelo Hawai’i, but cannot access learning resources due to cost, time, or other constraints.:Which of the following is true for you regarding learning Olelo Hawai’i (Hawaiian language)? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 880  
## 2 Yes 578

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 483  
## 2 No Yes 397  
## 3 Yes No 220  
## 4 Yes Yes 358

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 522  
## 2 No Hawai'i County 173  
## 3 No Kaua'i County 78  
## 4 No Maui-Moloka'i-Lana'i County 107  
## 5 Yes Honolulu County 314  
## 6 Yes Hawai'i County 141  
## 7 Yes Kaua'i County 42  
## 8 Yes Maui-Moloka'i-Lana'i County 81

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.396 0.489

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.313 0.464  
## 2 Yes 0.474 0.500

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.376 0.485  
## 2 Hawai'i County 0.449 0.498  
## 3 Kaua'i County 0.35 0.479  
## 4 Maui-Moloka'i-Lana'i County 0.431 0.497

Analyses:

## Analysis of Deviance Table  
##   
## Model 1: Current\_Q ~ 1  
## Model 2: Current\_Q ~ Hawaiian  
## Model 3: Current\_Q ~ Loc + Hawaiian  
## Model 4: Current\_Q ~ Loc \* Hawaiian  
## Resid. Df Resid. Dev Df Deviance Pr(>Chi)   
## 1 1457 1958.2   
## 2 1456 1918.4 1 39.831 2.768e-10 \*\*\*  
## 3 1453 1912.1 3 6.315 0.09727 .   
## 4 1450 1908.8 3 3.216 0.35944   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

##   
##   
## Hawaiians are 1.89 times more likely to answer "yes".

Q27 I am interested in learning Olelo Hawai’i, but don’t know how to do so.:Which of the following is true for you regarding learning Olelo Hawai’i (Hawaiian language)? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 1024  
## 2 Yes 434

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 492  
## 2 No Yes 532  
## 3 Yes No 211  
## 4 Yes Yes 223

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 594  
## 2 No Hawai'i County 221  
## 3 No Kaua'i County 68  
## 4 No Maui-Moloka'i-Lana'i County 141  
## 5 Yes Honolulu County 242  
## 6 Yes Hawai'i County 93  
## 7 Yes Kaua'i County 52  
## 8 Yes Maui-Moloka'i-Lana'i County 47

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.298 0.457

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.300 0.459  
## 2 Yes 0.295 0.457

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.289 0.454  
## 2 Hawai'i County 0.296 0.457  
## 3 Kaua'i County 0.433 0.498  
## 4 Maui-Moloka'i-Lana'i County 0.25 0.434

Analyses:

## Analysis of Deviance Table  
##   
## Model 1: Current\_Q ~ 1  
## Model 2: Current\_Q ~ Hawaiian  
## Model 3: Current\_Q ~ Loc + Hawaiian  
## Model 4: Current\_Q ~ Loc \* Hawaiian  
## Resid. Df Resid. Dev Df Deviance Pr(>Chi)   
## 1 1457 1775.5   
## 2 1456 1775.4 1 0.0397 0.841973   
## 3 1453 1763.2 3 12.2511 0.006571 \*\*  
## 4 1450 1760.5 3 2.6770 0.444147   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

##   
##   
## Hawaiians are 1.04 times more likely to answer "yes".

Q27 I am not interested in learning Olelo Hawai’i.:Which of the following is true for you regarding learning Olelo Hawai’i (Hawaiian language)? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 1141  
## 2 Yes 317

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 464  
## 2 No Yes 677  
## 3 Yes No 239  
## 4 Yes Yes 78

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 633  
## 2 No Hawai'i County 250  
## 3 No Kaua'i County 104  
## 4 No Maui-Moloka'i-Lana'i County 154  
## 5 Yes Honolulu County 203  
## 6 Yes Hawai'i County 64  
## 7 Yes Kaua'i County 16  
## 8 Yes Maui-Moloka'i-Lana'i County 34

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.217 0.413

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.340 0.474  
## 2 Yes 0.103 0.305

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.243 0.429  
## 2 Hawai'i County 0.204 0.403  
## 3 Kaua'i County 0.133 0.341  
## 4 Maui-Moloka'i-Lana'i County 0.181 0.386

Analyses:

## Analysis of Deviance Table  
##   
## Model 1: Current\_Q ~ 1  
## Model 2: Current\_Q ~ Hawaiian  
## Model 3: Current\_Q ~ Loc + Hawaiian  
## Model 4: Current\_Q ~ Loc \* Hawaiian  
## Resid. Df Resid. Dev Df Deviance Pr(>Chi)   
## 1 1457 1526.9   
## 2 1456 1403.0 1 123.849 < 2.2e-16 \*\*\*  
## 3 1453 1389.7 3 13.308 0.004015 \*\*   
## 4 1450 1386.0 3 3.774 0.286914   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

##   
##   
## Hawaiians are 5.41 times less likely to answer "yes".

Q26 I can converse at a beginner level with other Olelo Hawai’i speakers.:Which of the following is true for you regarding using Olelo Hawai’i (Hawaiian language)? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 1162  
## 2 Yes 296

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 625  
## 2 No Yes 537  
## 3 Yes No 78  
## 4 Yes Yes 218

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 680  
## 2 No Hawai'i County 252  
## 3 No Kaua'i County 88  
## 4 No Maui-Moloka'i-Lana'i County 142  
## 5 Yes Honolulu County 156  
## 6 Yes Hawai'i County 62  
## 7 Yes Kaua'i County 32  
## 8 Yes Maui-Moloka'i-Lana'i County 46

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.203 0.402

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.111 0.314  
## 2 Yes 0.289 0.453

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.187 0.390  
## 2 Hawai'i County 0.197 0.399  
## 3 Kaua'i County 0.267 0.444  
## 4 Maui-Moloka'i-Lana'i County 0.245 0.431

Analyses:

## Analysis of Deviance Table  
##   
## Model 1: Current\_Q ~ 1  
## Model 2: Current\_Q ~ Hawaiian  
## Model 3: Current\_Q ~ Loc + Hawaiian  
## Model 4: Current\_Q ~ Loc \* Hawaiian  
## Resid. Df Resid. Dev Df Deviance Pr(>Chi)   
## 1 1457 1471.3   
## 2 1456 1397.5 1 73.753 < 2.2e-16 \*\*\*  
## 3 1453 1388.7 3 8.849 0.0313632 \*   
## 4 1450 1367.6 3 21.092 0.0001007 \*\*\*  
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

##   
##   
## Hawaiians are 6.05 times more likely to answer "yes".

Q26 I can converse at an advanced level with other Olelo Hawai’i speakers.:Which of the following is true for you regarding using Olelo Hawai’i (Hawaiian language)? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 1420  
## 2 Yes 38

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 700  
## 2 No Yes 720  
## 3 Yes No 3  
## 4 Yes Yes 35

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 823  
## 2 No Hawai'i County 303  
## 3 No Kaua'i County 117  
## 4 No Maui-Moloka'i-Lana'i County 177  
## 5 Yes Honolulu County 13  
## 6 Yes Hawai'i County 11  
## 7 Yes Kaua'i County 3  
## 8 Yes Maui-Moloka'i-Lana'i County 11

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.0261 0.159

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.00427 0.0652  
## 2 Yes 0.0464 0.210

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.0156 0.124  
## 2 Hawai'i County 0.0350 0.184  
## 3 Kaua'i County 0.0250 0.157  
## 4 Maui-Moloka'i-Lana'i County 0.0585 0.235

Analyses:

## Analysis of Deviance Table  
##   
## Model 1: Current\_Q ~ 1  
## Model 2: Current\_Q ~ Hawaiian  
## Model 3: Current\_Q ~ Loc + Hawaiian  
## Model 4: Current\_Q ~ Loc \* Hawaiian  
## Resid. Df Resid. Dev Df Deviance Pr(>Chi)   
## 1 1457 352.19   
## 2 1456 322.08 1 30.1154 4.071e-08 \*\*\*  
## 3 1453 310.13 3 11.9462 0.00757 \*\*   
## 4 1450 306.44 3 3.6891 0.29705   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

##   
##   
## Hawaiians are 11.93 times more likely to answer "yes".

Q26 I can converse at an intermediate level with other Olelo Hawai’i speakers.:Which of the following is true for you regarding using Olelo Hawai’i (Hawaiian language)? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 1338  
## 2 Yes 120

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 677  
## 2 No Yes 661  
## 3 Yes No 26  
## 4 Yes Yes 94

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 778  
## 2 No Hawai'i County 276  
## 3 No Kaua'i County 105  
## 4 No Maui-Moloka'i-Lana'i County 179  
## 5 Yes Honolulu County 58  
## 6 Yes Hawai'i County 38  
## 7 Yes Kaua'i County 15  
## 8 Yes Maui-Moloka'i-Lana'i County 9

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.0823 0.275

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.0370 0.189  
## 2 Yes 0.125 0.330

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.0694 0.254  
## 2 Hawai'i County 0.121 0.327  
## 3 Kaua'i County 0.125 0.332  
## 4 Maui-Moloka'i-Lana'i County 0.0479 0.214

Analyses:

## Analysis of Deviance Table  
##   
## Model 1: Current\_Q ~ 1  
## Model 2: Current\_Q ~ Hawaiian  
## Model 3: Current\_Q ~ Loc + Hawaiian  
## Model 4: Current\_Q ~ Loc \* Hawaiian  
## Resid. Df Resid. Dev Df Deviance Pr(>Chi)   
## 1 1457 829.20   
## 2 1456 789.95 1 39.254 3.721e-10 \*\*\*  
## 3 1453 778.33 3 11.611 0.00884 \*\*   
## 4 1450 776.38 3 1.958 0.58127   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

##   
##   
## Hawaiians are 3.63 times more likely to answer "yes".

Q26 I can read Olelo Hawai’i.:Which of the following is true for you regarding using Olelo Hawai’i (Hawaiian language)? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 1158  
## 2 Yes 300

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 644  
## 2 No Yes 514  
## 3 Yes No 59  
## 4 Yes Yes 241

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 681  
## 2 No Hawai'i County 238  
## 3 No Kaua'i County 92  
## 4 No Maui-Moloka'i-Lana'i County 147  
## 5 Yes Honolulu County 155  
## 6 Yes Hawai'i County 76  
## 7 Yes Kaua'i County 28  
## 8 Yes Maui-Moloka'i-Lana'i County 41

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.206 0.404

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.0839 0.277  
## 2 Yes 0.319 0.466

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.185 0.389  
## 2 Hawai'i County 0.242 0.429  
## 3 Kaua'i County 0.233 0.425  
## 4 Maui-Moloka'i-Lana'i County 0.218 0.414

Analyses:

## Analysis of Deviance Table  
##   
## Model 1: Current\_Q ~ 1  
## Model 2: Current\_Q ~ Hawaiian  
## Model 3: Current\_Q ~ Loc + Hawaiian  
## Model 4: Current\_Q ~ Loc \* Hawaiian  
## Resid. Df Resid. Dev Df Deviance Pr(>Chi)   
## 1 1457 1482.2   
## 2 1456 1351.0 1 131.210 <2e-16 \*\*\*  
## 3 1453 1346.0 3 4.974 0.1737   
## 4 1450 1345.7 3 0.274 0.9649   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Q26 I can understand common words and phrases in Olelo Hawai’i.:Which of the following is true for you regarding using Olelo Hawai’i (Hawaiian language)? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 511  
## 2 Yes 947

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 318  
## 2 No Yes 193  
## 3 Yes No 385  
## 4 Yes Yes 562

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 311  
## 2 No Hawai'i County 93  
## 3 No Kaua'i County 43  
## 4 No Maui-Moloka'i-Lana'i County 64  
## 5 Yes Honolulu County 525  
## 6 Yes Hawai'i County 221  
## 7 Yes Kaua'i County 77  
## 8 Yes Maui-Moloka'i-Lana'i County 124

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.650 0.477

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.548 0.498  
## 2 Yes 0.744 0.437

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.628 0.484  
## 2 Hawai'i County 0.704 0.457  
## 3 Kaua'i County 0.642 0.482  
## 4 Maui-Moloka'i-Lana'i County 0.660 0.475

Analyses:

## Analysis of Deviance Table  
##   
## Model 1: Current\_Q ~ 1  
## Model 2: Current\_Q ~ Hawaiian  
## Model 3: Current\_Q ~ Loc + Hawaiian  
## Model 4: Current\_Q ~ Loc \* Hawaiian  
## Resid. Df Resid. Dev Df Deviance Pr(>Chi)   
## 1 1457 1888.8   
## 2 1456 1826.5 1 62.313 2.931e-15 \*\*\*  
## 3 1453 1821.8 3 4.686 0.1962879   
## 4 1450 1805.2 3 16.628 0.0008426 \*\*\*  
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Q26 I can write Olelo Hawai’i.:Which of the following is true for you regarding using Olelo Hawai’i (Hawaiian language)? (Select all that apply)

## # A tibble: 2 x 2  
## Current\_Q n  
## <fct> <int>  
## 1 No 1208  
## 2 Yes 250

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

## # A tibble: 4 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Hawaiian n  
## <fct> <fct> <int>  
## 1 No No 650  
## 2 No Yes 558  
## 3 Yes No 53  
## 4 Yes Yes 197

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

## # A tibble: 8 x 3  
## # Groups: Current\_Q [2]  
## Current\_Q Loc n  
## <fct> <fct> <int>  
## 1 No Honolulu County 709  
## 2 No Hawai'i County 254  
## 3 No Kaua'i County 90  
## 4 No Maui-Moloka'i-Lana'i County 155  
## 5 Yes Honolulu County 127  
## 6 Yes Hawai'i County 60  
## 7 Yes Kaua'i County 30  
## 8 Yes Maui-Moloka'i-Lana'i County 33

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 0.171 0.377

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 0.0754 0.264  
## 2 Yes 0.261 0.439

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 0.152 0.359  
## 2 Hawai'i County 0.191 0.394  
## 3 Kaua'i County 0.25 0.435  
## 4 Maui-Moloka'i-Lana'i County 0.176 0.381

Analyses:

## Analysis of Deviance Table  
##   
## Model 1: Current\_Q ~ 1  
## Model 2: Current\_Q ~ Hawaiian  
## Model 3: Current\_Q ~ Loc + Hawaiian  
## Model 4: Current\_Q ~ Loc \* Hawaiian  
## Resid. Df Resid. Dev Df Deviance Pr(>Chi)   
## 1 1457 1336.1   
## 2 1456 1242.7 1 93.435 < 2e-16 \*\*\*  
## 3 1453 1233.9 3 8.780 0.03236 \*   
## 4 1450 1232.6 3 1.289 0.73167   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Q35 How important are Native Hawaiian culture and values to solving the challenges facing Hawai’i today?

## # A tibble: 6 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 Extremely 482  
## 2 Quite a bit 409  
## 3 Moderately 285  
## 4 A little bit 121  
## 5 Not at all 34  
## 6 <NA> 127

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

## # A tibble: 12 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 Extremely No 154  
## 2 Extremely Yes 328  
## 3 Quite a bit No 201  
## 4 Quite a bit Yes 208  
## 5 Moderately No 158  
## 6 Moderately Yes 127  
## 7 A little bit No 86  
## 8 A little bit Yes 35  
## 9 Not at all No 24  
## 10 Not at all Yes 10  
## 11 <NA> No 80  
## 12 <NA> Yes 47

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

## # A tibble: 24 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 Extremely Honolulu County 253  
## 2 Extremely Hawai'i County 111  
## 3 Extremely Kaua'i County 37  
## 4 Extremely Maui-Moloka'i-Lana'i County 81  
## 5 Quite a bit Honolulu County 232  
## 6 Quite a bit Hawai'i County 92  
## 7 Quite a bit Kaua'i County 38  
## 8 Quite a bit Maui-Moloka'i-Lana'i County 47  
## 9 Moderately Honolulu County 170  
## 10 Moderately Hawai'i County 57  
## # ... with 14 more rows

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 2.89 1.08

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 2.60 1.11   
## 2 Yes 3.14 0.974

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 2.80 1.10   
## 2 Hawai'i County 2.95 1.07   
## 3 Kaua'i County 2.96 0.956  
## 4 Maui-Moloka'i-Lana'i County 3.13 1.00

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1327 3652.542   
## 2 Hawaiian 1326 3566.111 1 vs 2 1 86.431074 0.0000000000  
## 3 Loc + Hawaiian 1323 3547.804 2 vs 3 3 18.306428 0.0003802599  
## 4 Loc \* Hawaiian 1320 3543.156 3 vs 4 3 4.648469 0.1994234007

Q21 How satisfied are you with your overall quality of life

## # A tibble: 6 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 Very satisfied 357  
## 2 Satisfied 739  
## 3 Neutral 235  
## 4 Unsatisfied 84  
## 5 Very unsatisfied 19  
## 6 <NA> 24

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

## # A tibble: 12 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 Very satisfied No 197  
## 2 Very satisfied Yes 160  
## 3 Satisfied No 354  
## 4 Satisfied Yes 385  
## 5 Neutral No 87  
## 6 Neutral Yes 148  
## 7 Unsatisfied No 45  
## 8 Unsatisfied Yes 39  
## 9 Very unsatisfied No 9  
## 10 Very unsatisfied Yes 10  
## 11 <NA> No 11  
## 12 <NA> Yes 13

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

## # A tibble: 24 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 Very satisfied Honolulu County 201  
## 2 Very satisfied Hawai'i County 70  
## 3 Very satisfied Kaua'i County 33  
## 4 Very satisfied Maui-Moloka'i-Lana'i County 53  
## 5 Satisfied Honolulu County 419  
## 6 Satisfied Hawai'i County 177  
## 7 Satisfied Kaua'i County 58  
## 8 Satisfied Maui-Moloka'i-Lana'i County 85  
## 9 Neutral Honolulu County 143  
## 10 Neutral Hawai'i County 46  
## # ... with 14 more rows

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 3.93 0.873

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 3.99 0.888  
## 2 Yes 3.87 0.855

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 3.92 0.865  
## 2 Hawai'i County 3.95 0.831  
## 3 Kaua'i County 3.97 0.905  
## 4 Maui-Moloka'i-Lana'i County 3.91 0.957

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1430 3463.659   
## 2 Hawaiian 1429 3452.806 1 vs 2 1 10.852962 0.0009863784  
## 3 Loc + Hawaiian 1426 3451.669 2 vs 3 3 1.136731 0.7682152066  
## 4 Loc \* Hawaiian 1423 3445.994 3 vs 4 3 5.674761 0.1285517104

Q23 Overall, how hopeful are you about Hawai’i’s future?

## # A tibble: 6 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 Extremely hopeful 178  
## 2 Very hopeful 381  
## 3 Pretty hopeful 430  
## 4 A little hopeful 298  
## 5 Not at all hopeful 118  
## 6 <NA> 53

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

## # A tibble: 12 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 Extremely hopeful No 77  
## 2 Extremely hopeful Yes 101  
## 3 Very hopeful No 215  
## 4 Very hopeful Yes 166  
## 5 Pretty hopeful No 204  
## 6 Pretty hopeful Yes 226  
## 7 A little hopeful No 134  
## 8 A little hopeful Yes 164  
## 9 Not at all hopeful No 46  
## 10 Not at all hopeful Yes 72  
## 11 <NA> No 27  
## 12 <NA> Yes 26

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

## # A tibble: 24 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 Extremely hopeful Honolulu County 91  
## 2 Extremely hopeful Hawai'i County 40  
## 3 Extremely hopeful Kaua'i County 19  
## 4 Extremely hopeful Maui-Moloka'i-Lana'i County 28  
## 5 Very hopeful Honolulu County 199  
## 6 Very hopeful Hawai'i County 97  
## 7 Very hopeful Kaua'i County 39  
## 8 Very hopeful Maui-Moloka'i-Lana'i County 46  
## 9 Pretty hopeful Honolulu County 246  
## 10 Pretty hopeful Hawai'i County 99  
## # ... with 14 more rows

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 3.14 1.14

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 3.21 1.10  
## 2 Yes 3.08 1.18

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 3.04 1.16  
## 2 Hawai'i County 3.32 1.06  
## 3 Kaua'i County 3.31 1.19  
## 4 Maui-Moloka'i-Lana'i County 3.22 1.14

Analyses:

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1401 4256.965   
## 2 Hawaiian 1400 4251.934 1 vs 2 1 5.030333 0.0249071024  
## 3 Loc + Hawaiian 1397 4234.227 2 vs 3 3 17.707335 0.0005054058  
## 4 Loc \* Hawaiian 1394 4233.009 3 vs 4 3 1.218228 0.7486357984

Q44 What is the estimated yearly income of your household?

## # A tibble: 12 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 Less than $25,000 132  
## 2 $25,000 - $44,000 176  
## 3 $45,000 - $64,000 247  
## 4 $65,000 - $84,000 192  
## 5 $85,000 - $104,000 149  
## 6 $105,000 - $124,000 104  
## 7 $125, 000 - $144,000 70  
## 8 $145,000 - $164,000 48  
## 9 $165,000 - $184,000 44  
## 10 $185,000 - $200,000 31  
## 11 More than $200,000 47  
## 12 <NA> 218

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

## # A tibble: 24 x 3  
## # Groups: Current\_Q [12]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 Less than $25,000 No 58  
## 2 Less than $25,000 Yes 74  
## 3 $25,000 - $44,000 No 71  
## 4 $25,000 - $44,000 Yes 105  
## 5 $45,000 - $64,000 No 117  
## 6 $45,000 - $64,000 Yes 130  
## 7 $65,000 - $84,000 No 88  
## 8 $65,000 - $84,000 Yes 104  
## 9 $85,000 - $104,000 No 70  
## 10 $85,000 - $104,000 Yes 79  
## # ... with 14 more rows

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

## # A tibble: 47 x 3  
## # Groups: Current\_Q [12]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 Less than $25,000 Honolulu County 64  
## 2 Less than $25,000 Hawai'i County 35  
## 3 Less than $25,000 Kaua'i County 8  
## 4 Less than $25,000 Maui-Moloka'i-Lana'i County 25  
## 5 $25,000 - $44,000 Honolulu County 88  
## 6 $25,000 - $44,000 Hawai'i County 44  
## 7 $25,000 - $44,000 Kaua'i County 20  
## 8 $25,000 - $44,000 Maui-Moloka'i-Lana'i County 24  
## 9 $45,000 - $64,000 Honolulu County 116  
## 10 $45,000 - $64,000 Hawai'i County 69  
## # ... with 37 more rows

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 4.40 2.61

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 4.61 2.70  
## 2 Yes 4.22 2.51

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 4.81 2.76  
## 2 Hawai'i County 3.89 2.26  
## 3 Kaua'i County 3.79 2.32  
## 4 Maui-Moloka'i-Lana'i County 3.89 2.34

Analyses:

## [1] "Less than $25,000" "$125, 000 - $144,000"   
## [3] NA "More than $200,000"   
## [5] "$165,000 - $184,000" "$85,000 - $104,000"   
## [7] "$25,000 - $44,000" "$145,000 - $164,000"   
## [9] "$45,000 - $64,000" "Prefer not to answer"   
## [11] "$65,000 - $84,000" "$105,000 - $124,000"   
## [13] "$185,000 - $200,000" "$65,000 ‚Äì $84,000"   
## [15] "$25,000 ‚Äì $44,000" "$85,000 ‚Äì $104,000"   
## [17] "$145,000 ‚Äì $164,000" "$105,000 ‚Äì $124,000"  
## [19] "$45,000 ‚Äì $64,000"

## Call:  
## polr(formula = Current\_Q ~ Loc \* Hawaiian, data = Mod\_df, Hess = TRUE)  
##   
## Coefficients:  
## Value Std. Error t value  
## LocHawai'i County -0.4818 0.1891 -2.5473  
## LocKaua'i County -0.9704 0.2647 -3.6662  
## LocMaui-Moloka'i-Lana'i County -0.9325 0.2092 -4.4572  
## HawaiianYes -0.3486 0.1350 -2.5827  
## LocHawai'i County:HawaiianYes -0.1389 0.2483 -0.5595  
## LocKaua'i County:HawaiianYes 0.4965 0.3617 1.3727  
## LocMaui-Moloka'i-Lana'i County:HawaiianYes 0.7007 0.3096 2.2632  
##   
## Intercepts:  
## Value Std. Error t value   
## Less than $25,000|$25,000 - $44,000 -2.6343 0.1304 -20.2041  
## $25,000 - $44,000|$45,000 - $64,000 -1.6035 0.1119 -14.3284  
## $45,000 - $64,000|$65,000 - $84,000 -0.6860 0.1046 -6.5603  
## $65,000 - $84,000|$85,000 - $104,000 -0.0382 0.1027 -0.3723  
## $85,000 - $104,000|$105,000 - $124,000 0.5221 0.1038 5.0290  
## $105,000 - $124,000|$125, 000 - $144,000 1.0052 0.1077 9.3331  
## $125, 000 - $144,000|$145,000 - $164,000 1.4274 0.1140 12.5208  
## $145,000 - $164,000|$165,000 - $184,000 1.8101 0.1228 14.7413  
## $165,000 - $184,000|$185,000 - $200,000 2.3015 0.1397 16.4729  
## $185,000 - $200,000|More than $200,000 2.8379 0.1670 16.9963  
##   
## Residual Deviance: 5432.718   
## AIC: 5466.718   
## (218 observations deleted due to missingness)

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1230 5483.659   
## 2 Hawaiian 1229 5477.723 1 vs 2 1 5.936224 1.483277e-02  
## 3 Loc + Hawaiian 1226 5440.608 2 vs 3 3 37.115069 4.350525e-08  
## 4 Loc \* Hawaiian 1223 5432.718 3 vs 4 3 7.890555 4.832858e-02

Q44 What is the estimated yearly income of your household?

## # A tibble: 6 x 2  
## Current\_Q n  
## <ord> <int>  
## 1 Less than high school 9  
## 2 High school or equivalent 194  
## 3 Some college or Associate's degree 461  
## 4 Bachelor's degree 385  
## 5 Masters degree or higher 304  
## 6 <NA> 105

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

## # A tibble: 11 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Hawaiian n  
## <ord> <fct> <int>  
## 1 Less than high school Yes 9  
## 2 High school or equivalent No 56  
## 3 High school or equivalent Yes 138  
## 4 Some college or Associate's degree No 212  
## 5 Some college or Associate's degree Yes 249  
## 6 Bachelor's degree No 224  
## 7 Bachelor's degree Yes 161  
## 8 Masters degree or higher No 160  
## 9 Masters degree or higher Yes 144  
## 10 <NA> No 51  
## 11 <NA> Yes 54

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

## # A tibble: 22 x 3  
## # Groups: Current\_Q [6]  
## Current\_Q Loc n  
## <ord> <fct> <int>  
## 1 Less than high school Honolulu County 7  
## 2 Less than high school Hawai'i County 2  
## 3 High school or equivalent Honolulu County 101  
## 4 High school or equivalent Hawai'i County 42  
## 5 High school or equivalent Kaua'i County 19  
## 6 High school or equivalent Maui-Moloka'i-Lana'i County 32  
## 7 Some college or Associate's degree Honolulu County 243  
## 8 Some college or Associate's degree Hawai'i County 102  
## 9 Some college or Associate's degree Kaua'i County 47  
## 10 Some college or Associate's degree Maui-Moloka'i-Lana'i County 69  
## # ... with 12 more rows

## # A tibble: 1 x 2  
## mean sd  
## <dbl> <dbl>  
## 1 3.58 1.01

## # A tibble: 2 x 3  
## Hawaiian mean sd  
## <fct> <dbl> <dbl>  
## 1 No 3.75 0.923  
## 2 Yes 3.42 1.06

## # A tibble: 4 x 3  
## Loc mean sd  
## <fct> <dbl> <dbl>  
## 1 Honolulu County 3.63 1.00   
## 2 Hawai'i County 3.61 1.04   
## 3 Kaua'i County 3.39 0.961  
## 4 Maui-Moloka'i-Lana'i County 3.43 0.999

Analyses:

## Call:  
## polr(formula = Current\_Q ~ Loc \* Hawaiian, data = Mod\_df, Hess = TRUE)  
##   
## Coefficients:  
## Value Std. Error t value  
## LocHawai'i County 0.04902 0.1805 0.2715  
## LocKaua'i County -0.58509 0.2567 -2.2790  
## LocMaui-Moloka'i-Lana'i County -0.40526 0.2043 -1.9839  
## HawaiianYes -0.58450 0.1301 -4.4918  
## LocHawai'i County:HawaiianYes -0.13929 0.2499 -0.5574  
## LocKaua'i County:HawaiianYes 0.23484 0.3670 0.6399  
## LocMaui-Moloka'i-Lana'i County:HawaiianYes -0.06232 0.3057 -0.2039  
##   
## Intercepts:  
## Value   
## Less than high school|High school or equivalent -5.4676  
## High school or equivalent|Some college or Associate's degree -2.1712  
## Some college or Associate's degree|Bachelor's degree -0.4227  
## Bachelor's degree|Masters degree or higher 0.8822  
## Std. Error  
## Less than high school|High school or equivalent 0.3458   
## High school or equivalent|Some college or Associate's degree 0.1138   
## Some college or Associate's degree|Bachelor's degree 0.0946   
## Bachelor's degree|Masters degree or higher 0.0976   
## t value   
## Less than high school|High school or equivalent -15.8105  
## High school or equivalent|Some college or Associate's degree -19.0741  
## Some college or Associate's degree|Bachelor's degree -4.4687  
## Bachelor's degree|Masters degree or higher 9.0406  
##   
## Residual Deviance: 3662.605   
## AIC: 3684.605   
## (105 observations deleted due to missingness)

## Likelihood ratio tests of ordinal regression models  
##   
## Response: Current\_Q  
## Model Resid. df Resid. Dev Test Df LR stat. Pr(Chi)  
## 1 1 1349 3712.053   
## 2 Hawaiian 1348 3676.852 1 vs 2 1 35.2010288 2.973664e-09  
## 3 Loc + Hawaiian 1345 3663.513 2 vs 3 3 13.3392171 3.957607e-03  
## 4 Loc \* Hawaiian 1342 3662.605 3 vs 4 3 0.9082792 8.234294e-01