> #=====================#

> #Assess proportions experiencing barriers####

> #=====================#

>

> #Never tried riding an e-scooter before

> #gender

> assess(d$Q25\_1, d$Q65)

y

x male female

0 261 453

1 209 552

y

x male female

0 0.5553191 0.4507463

1 0.4446809 0.5492537

Pearson's Chi-squared test with Yates' continuity correction

data: tbl

X-squared = 13.606, df = 1, p-value = 0.0002254

>

> #race

> assess(d$Q25\_1, d$RECODED\_Q63)

y

x asian black hisp\_lat white

0 138 15 105 456

1 128 19 96 518

y

x asian black hisp\_lat white

0 0.5187970 0.4411765 0.5223881 0.4681725

1 0.4812030 0.5588235 0.4776119 0.5318275

Pearson's Chi-squared test

data: tbl

X-squared = 3.7023, df = 3, p-value = 0.2955

>

> #Don't feel comfortable riding in traffic

> #gender

> assess(d$Q25\_11, d$Q65)

y

x male female

0 314 456

1 156 549

y

x male female

0 0.6680851 0.4537313

1 0.3319149 0.5462687

Pearson's Chi-squared test with Yates' continuity correction

data: tbl

X-squared = 58.115, df = 1, p-value = 2.472e-14

>

> #race

> assess(d$Q25\_11, d$RECODED\_Q63)

y

x asian black hisp\_lat white

0 136 19 99 516

1 130 15 102 458

y

x asian black hisp\_lat white

0 0.5112782 0.5588235 0.4925373 0.5297741

1 0.4887218 0.4411765 0.5074627 0.4702259

Pearson's Chi-squared test

data: tbl

X-squared = 1.2425, df = 3, p-value = 0.7428

>

> #Don't want to ride when the weather is bad

> #gender

> assess(d$Q25\_8, d$Q65)

y

x male female

0 281 538

1 189 467

y

x male female

0 0.5978723 0.5353234

1 0.4021277 0.4646766

Pearson's Chi-squared test with Yates' continuity correction

data: tbl

X-squared = 4.8234, df = 1, p-value = 0.02808

>

> #race

> assess(d$Q25\_8, d$RECODED\_Q63)

y

x asian black hisp\_lat white

0 156 16 114 533

1 110 18 87 441

y

x asian black hisp\_lat white

0 0.5864662 0.4705882 0.5671642 0.5472279

1 0.4135338 0.5294118 0.4328358 0.4527721

Pearson's Chi-squared test

data: tbl

X-squared = 2.4058, df = 3, p-value = 0.4925

>

> #Can't count on an e-scooter being around when they need it

> #gender

> assess(d$Q26\_5, d$Q65)

y

x male female

0 261 581

1 174 363

y

x male female

0 0.6000000 0.6154661

1 0.4000000 0.3845339

Pearson's Chi-squared test with Yates' continuity correction

data: tbl

X-squared = 0.23806, df = 1, p-value = 0.6256

>

> #race

> assess(d$Q26\_5, d$RECODED\_Q63)

y

x asian black hisp\_lat white

0 155 23 113 551

1 95 8 77 357

y

x asian black hisp\_lat white

0 0.6200000 0.7419355 0.5947368 0.6068282

1 0.3800000 0.2580645 0.4052632 0.3931718

Pearson's Chi-squared test

data: tbl

X-squared = 2.5972, df = 3, p-value = 0.458

>

> #Can't count afford to ride an e-scooter regularly

> #gender

> assess(d$Q25\_12, d$Q65)

y

x male female

0 307 674

1 163 331

y

x male female

0 0.6531915 0.6706468

1 0.3468085 0.3293532

Pearson's Chi-squared test with Yates' continuity correction

data: tbl

X-squared = 0.36318, df = 1, p-value = 0.5467

>

> #race

> assess(d$Q25\_12, d$RECODED\_Q63)

y

x asian black hisp\_lat white

0 188 24 123 646

1 78 10 78 328

y

x asian black hisp\_lat white

0 0.7067669 0.7058824 0.6119403 0.6632444

1 0.2932331 0.2941176 0.3880597 0.3367556

Pearson's Chi-squared test

data: tbl

X-squared = 4.8922, df = 3, p-value = 0.1799

>

> #Not enough dedicated lanes to ride in

> #gender

> assess(d$Q26\_3, d$Q65)

y

x male female

0 358 748

1 77 196

y

x male female

0 0.8229885 0.7923729

1 0.1770115 0.2076271

Pearson's Chi-squared test with Yates' continuity correction

data: tbl

X-squared = 1.5704, df = 1, p-value = 0.2102

>

> #race

> assess(d$Q26\_3, d$RECODED\_Q63)

y

x asian black hisp\_lat white

0 191 25 156 734

1 59 6 34 174

y

x asian black hisp\_lat white

0 0.7640000 0.8064516 0.8210526 0.8083700

1 0.2360000 0.1935484 0.1789474 0.1916300

Pearson's Chi-squared test

data: tbl

X-squared = 2.9439, df = 3, p-value = 0.4004

>

> #I live outside of an e-scooter service area

> #gender

> assess(d$Q26\_2, d$Q65)

y

x male female

0 284 603

1 151 341

y

x male female

0 0.6528736 0.6387712

1 0.3471264 0.3612288

Pearson's Chi-squared test with Yates' continuity correction

data: tbl

X-squared = 0.20027, df = 1, p-value = 0.6545

>

> #race

> assess(d$Q26\_2, d$RECODED\_Q63)

y

x asian black hisp\_lat white

0 164 23 115 585

1 86 8 75 323

y

x asian black hisp\_lat white

0 0.6560000 0.7419355 0.6052632 0.6442731

1 0.3440000 0.2580645 0.3947368 0.3557269

Pearson's Chi-squared test

data: tbl

X-squared = 2.6915, df = 3, p-value = 0.4417

>

> #I am satisifed with my current amount of e-scooter use

> #gender

> assess(d$Q26\_8, d$Q65)

y

x male female

0 329 749

1 106 195

y

x male female

0 0.7563218 0.7934322

1 0.2436782 0.2065678

Pearson's Chi-squared test with Yates' continuity correction

data: tbl

X-squared = 2.1909, df = 1, p-value = 0.1388

>

> #race

> assess(d$Q26\_8, d$RECODED\_Q63)

y

x asian black hisp\_lat white

0 221 24 166 667

1 29 7 24 241

y

x asian black hisp\_lat white

0 0.8840000 0.7741935 0.8736842 0.7345815

1 0.1160000 0.2258065 0.1263158 0.2654185

Pearson's Chi-squared test

data: tbl

X-squared = 36.579, df = 3, p-value = 5.647e-08