plant trial regression coefficients

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## Outcome: Personal voucher use

## Loading required package: lmtest

## Loading required package: zoo

##   
## Attaching package: 'zoo'

## The following objects are masked from 'package:base':  
##   
## as.Date, as.Date.numeric

##   
## Likelihood Ratio Test P-values:  
## P-value  
## rent\_own 0.35670  
## Gender 0.31089  
## Race 0.52504  
## Ethnicity 0.24968  
## Age 0.50437  
## Education 0.29443  
## native\_plant 0.53957  
## convinceOther 0.98856  
##   
## No covariates were associated with the outcome at P< 0.2  
## Call:  
## glm(formula = formula(y ~ tr + .), family = family, data = data)  
##   
## Deviance Residuals:   
## Min 1Q Median 3Q Max   
## -0.6039 -0.5182 -0.4970 -0.4854 2.0963   
##   
## Coefficients:  
## Estimate Std. Error z value Pr(>|z|)   
## (Intercept) -1.6094 0.1907 -8.440 <2e-16 \*\*\*  
## trnorms -0.4199 0.2925 -1.435 0.151   
## trefficacy -0.4700 0.2958 -1.589 0.112   
## trcombined -0.3307 0.2865 -1.154 0.248   
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1  
##   
## (Dispersion parameter for binomial family taken to be 1)  
##   
## Null deviance: 612.47 on 792 degrees of freedom  
## Residual deviance: 609.25 on 789 degrees of freedom  
## AIC: 617.25  
##   
## Number of Fisher Scoring iterations: 4

## Outcome: Any friend voucher use

##   
## Likelihood Ratio Test P-values:  
## P-value  
## rent\_own 0.53124  
## Gender 0.05525  
## Race 0.62308  
## Ethnicity 0.30141  
## Age 0.10975  
## Education 0.39418  
## native\_plant 0.92433  
## convinceOther 0.01778  
##   
##   
## Covariates selected (P<0.2):  
## P-value  
## Gender 0.05525075  
## Age 0.10974796  
## convinceOther 0.01777876  
##   
## Call:  
## glm(formula = formula(y ~ tr + .), family = family, data = data)  
##   
## Deviance Residuals:   
## Min 1Q Median 3Q Max   
## -0.6776 -0.4713 -0.3766 -0.2918 2.6236   
##   
## Coefficients:  
## Estimate Std. Error z value Pr(>|z|)   
## (Intercept) -1.537252 0.798173 -1.926 0.0541 .  
## trnorms -0.337747 0.431248 -0.783 0.4335   
## trefficacy 0.378881 0.378186 1.002 0.3164   
## trcombined 0.507864 0.367452 1.382 0.1669   
## Gender -0.720403 0.352076 -2.046 0.0407 \*  
## Age 0.014550 0.009393 1.549 0.1214   
## convinceOther -0.710448 0.308754 -2.301 0.0214 \*  
## ---  
## Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1  
##   
## (Dispersion parameter for binomial family taken to be 1)  
##   
## Null deviance: 433.35 on 753 degrees of freedom  
## Residual deviance: 415.92 on 747 degrees of freedom  
## (39 observations deleted due to missingness)  
## AIC: 429.92  
##   
## Number of Fisher Scoring iterations: 5

## Odds ratios

Gender: 0.4865561 Age: 1.0146564 convinceOther: 0.491424