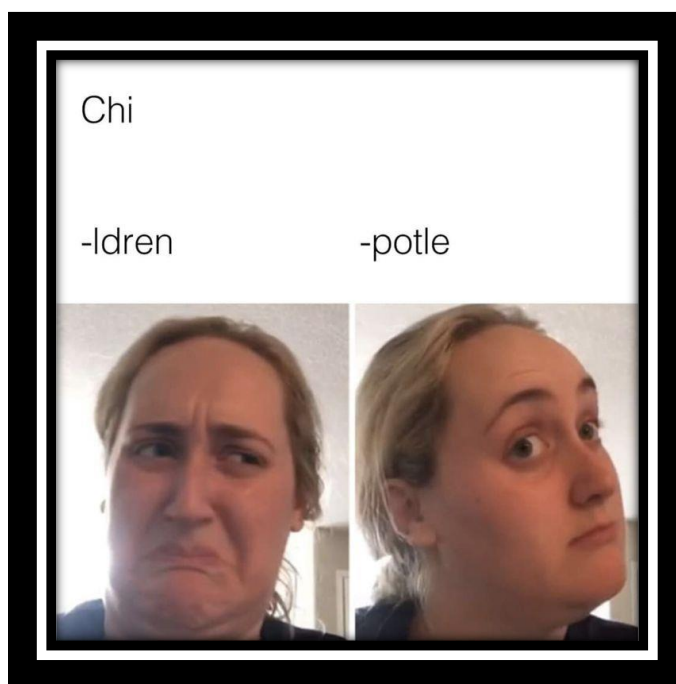**Causal Inference Final Project A:**

Dating Potential in Propensity Scores:

Using Causal Inference to Explore How Educational-Attainment Affects

Seeking Partners Who Want Children

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APSTA-GE 2012: Causal Inference

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December 11, 2023

MOTIVATION

On Friday, June 24, 2022, the United States Supreme Court ruled in *Dobbs v. Jackson Women's Health Organization* that abortion is not a constitutional right, reversing the 50 years of precedent set by *Roe v. Wade* that the procedure was legal and protected by federal law. (Totenberg, 2022). Effectively, the ruling leaves the decision to make abortion legal (or not) up to the individual states.

In an instant, this right of bodily autonomy in the United States of American was gone or in jeopardy. Since then, millions of people have grown more self-conscious of their lifestyles and behaviors that may put them into confusing and potentially dangerous legal territory, especially depending on where they live. This includes in choosing potential romantic partners. In Indiana University's Kinsey Institute and Match[.com]'s 2022 "Singles in America" study, 5000 U.S. single adults between age 18 and 98 were asked about their views about dating (Krause, 2023). Regarding Roe v. Wade's reversal, 78% of singles said they will change their dating and/or sex behavior, 20% said it will make them more hesitant to have sex, and 14% said it will make them more hesitant to date ("Singles in America"). Additionally, the top 3 ways respondents shared about how the decision would change their dating lives would be more condom use, more sex hesitation, and more fear of pregnancy ("Singles in America"). For Midwest respondents, 2 out of 3 single women said they would not date a partner who had opposing views on abortion ("Singles in America" study, 2022).

I believe this question about how the *Dobbs v. Jackson* ruling will impact the dating patterns of generations of Americans, especially for those who grew up with right to abortion, is important. While I could not find a dataset for post-*Dobbs* dating patterns, it is worth analyzing dating patterns before the ruling to compare. Therefore, I will be looking at a dataset of thousands of online dating profiles back in 2004-2005 to answer my research question: Is educational attainment associated with preferring to date someone who does not want kids? Specifically, is having graduated from college associated with having this preference?

DATA

The data set for this research project is called "Yahoo Personals Dating Preferences Study - Los Angeles, New York, Chicago, Atlanta, 2004-2005" which I retrieved from the Inter-University Consortium for Political and Social Research (ICPSR) website in October 2023. Cynthia Feliciano and Belinda Robnett, both from the University of California- Irvine, were the study's principal investigators. The description of the dataset on ICPSR says the study, "sought to examine the dating preferences of online daters in four major metropolitan areas: New York, Los Angeles, Chicago, and Atlanta. Internet daters' profiles of self-identified Asian, Black, Latino, and White men and women seeking opposite-sex dates were collected and coded from Yahoo Personals, which was the most popular national online dating website in 2004 and 2005. "Yahoo Personals", 2016.)

Additionally, the sample section of the study's page on ICPSR (2016) states, "Two hundred profiles each from 18-50 year old self-identified Asian, Black, Latino or White men and women seeking opposite-sex dates living within 50 miles of New York, Los Angeles, Chicago or Atlanta were collected and coded, for a total sample size of 6,070." The targeted sample size was 6400 where the most recent 200 posted or edited profiles were selected within each ethnicity/gender/city category (200 male profiles + 200 female profiles per ethnic group = 400, 400 profiles* 4 ethnic groups = 1600, 1600* 4 metropolitan areas= 6400 total profiles). The sample is smaller than 6400 because of duplicates and 200 fewer Latina women and Asian male profiles in Atlanta (2016). When I uploaded the data from ICPSR, there were 6078 rows of data. Furthermore, to answer my research question, I removed 184 profiles that did not have education data and 24 rows that did not have data for the profile's height. This left my data frame for analysis with 5870 observations. I also changed most of the variables from character variables to factor variables.

Data was collected on self-reported user characteristics (like height, age, body type, ethnicity, educational status, desire to have kids) and on their dating preferences (what characteristics they are looking for in a potential partner). Some dating-preferences characteristics include date's minimum and maximum height, date's body type, date's age, date's employment status, date's desire to have kids. More often than not, the types of variables collected for user profiles mirrored the ones collected for the date's characteristics. For my analysis, a profile's characteristics are pre-treatment variables and the date preferences are post-treatment variables.

For my research question ("Is educational attainment associated with preferring to date someone who does not want kids? Specifically, is having graduated from college associated with having this preference?), my treatment variable was if a profile had self-reported on whether they had graduated from college or not. There are 6 options for the educational attainment variable: "postgraduate", "college graduate", "some college", "high school graduate", and "some high school". Profiles with either the first 2 options are my treatment

group ("YES" for obtaining a college degree) and profiles with any of the last 3 are my control group. To conduct my analysis and maintain the original integrity of the data, I created a binary indicator variable, with the code 1 for "YES- college degree obtained" and 0 for "NO – no college degree obtained". The treatment group is the 3462 observations that had college degrees and the control group is the 2408 observations that did not have college degrees.

My outcome variable, Y, is also binary: having the preference to date someone with no kids with 0 representing "No – The profile does not want to date someone who does not want kids" (or can be thought of as "The profile wants to date someone who wants kids") and 1 representing "Yes – The profile does want to date someone who does not want kids". My $Y1$ is the profile having this specific dating preference". My $Y0$, or counterfactual, does not have this explicit preference.

Some descriptive charts on the raw data are below in Figures 1, 2, and 3.

Figure 1.

Figure 2

No. College Grads and Non-Grads by Sex

Figure 3.

Non-C.Grads/C.Grads w. 'Does Not Want Kids' Preference in Partner by Region
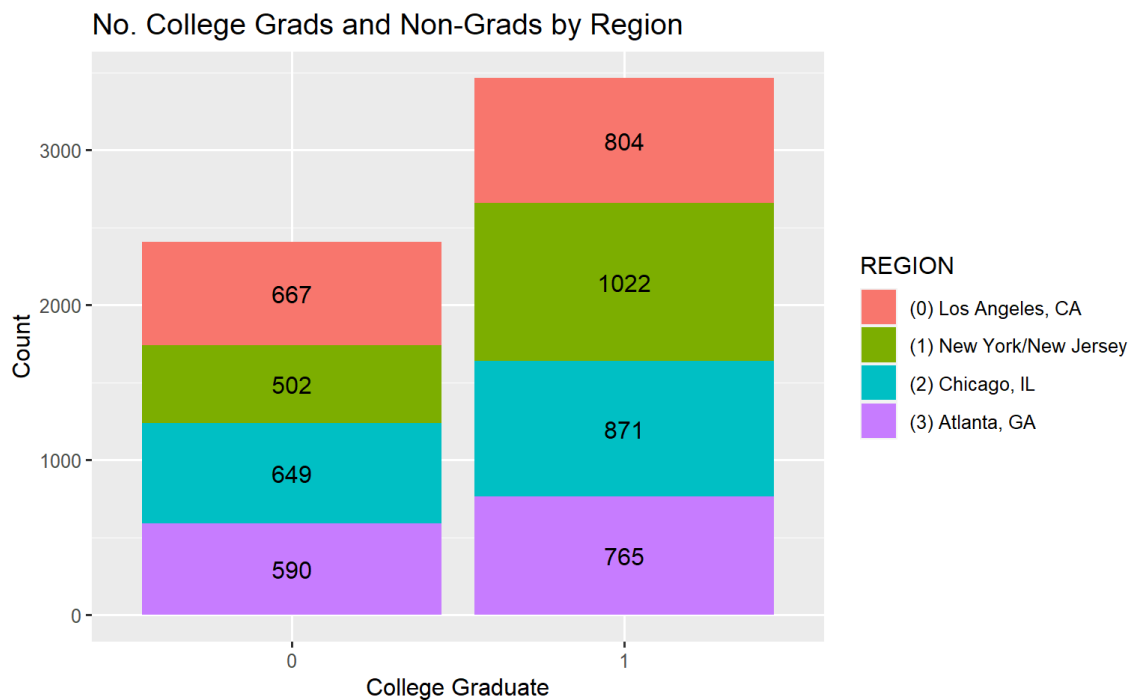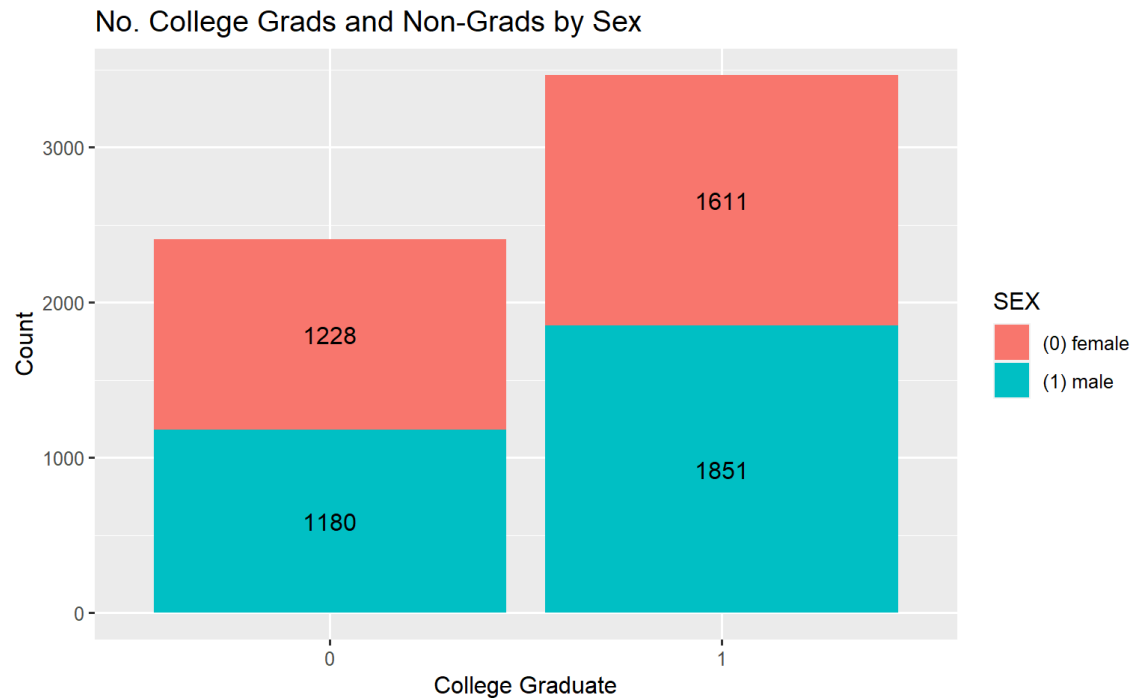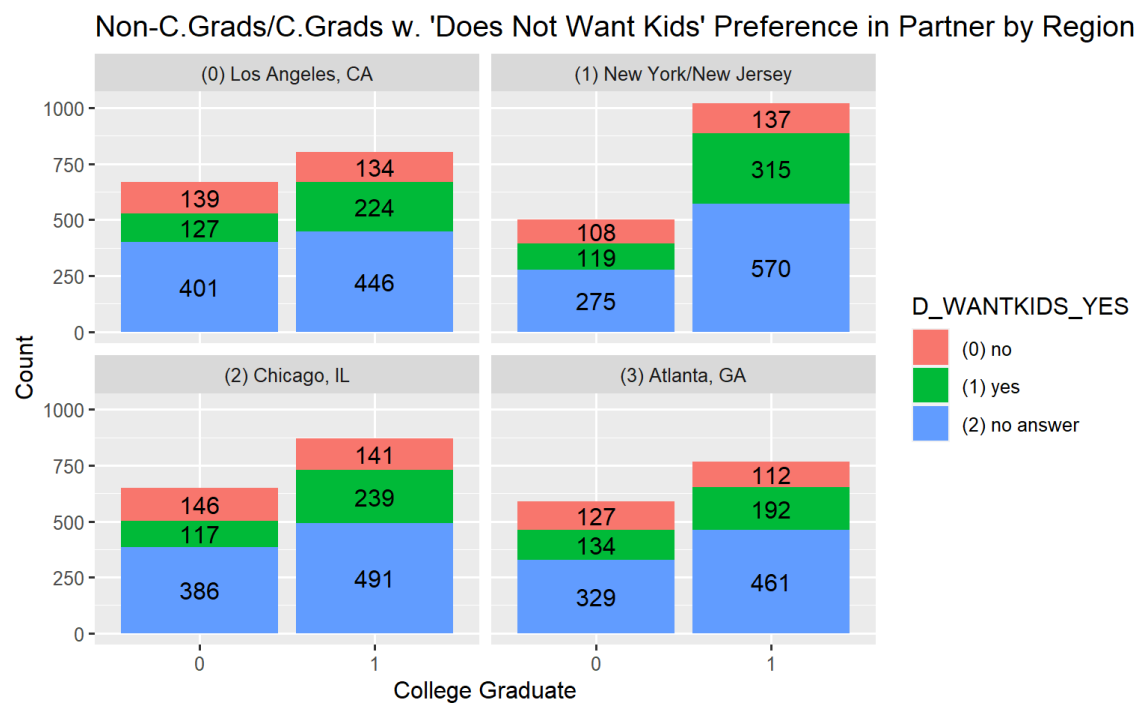

ESTIMANDS

The estimand I will be estimating will be the Average Treatment Effect on the Controls (the ATC). I am analyzing this estimand because I have 1054 more treatment group observations

(users who self-reported having obtained a college degree) than control group observations (users who have not obtained a college degree). The control group is now also called the 'inferential group' because we are making inferences about them when we are estimating effects. Therefore, the effect we estimate will only apply to those in the control group, not the treatment group. The effect could be different in the treatment group and that effect would then be called the Average Treatment Effect on the Treated (the ATT).

The notation for ATC, or getting the effect of the treatment on the controls, is:

$$E[Y(1) - Y(0) \mid Z = 0] = E[Y(1) \mid Z = 0] - E[Y(0) \mid Z = 0]$$

This means that for every observation in the control group, we subtract the hypothetical *Y1* observation from the observed *Y0* observation. The *Y1* is hypothetical because that is what the outcome value would be for that control observation if they had received the treatment in a parallel universe. Since we cannot see what would have happened to the control observation in this universe where they received the treatment, which is getting a college degree, the *Y1* when it comes to the ATC is called a counterfactual [outcome]. We cannot see it at the same time as the observed outcome for the control group, which is *Y0*.

If we take the average of all the differences between *Y1* and *Y0* in the control group, that is our ATC. Our formula looks like the following (RED for *Y1*, BLUE for *Y0*)

$$E[Y(\text{PREFERS PARTNER TO NOT WANT KIDS}) -$$

$$Y(\text{DOES NOT PREFER PARTNER TO NOT WANT KIDS}) \mid Z = \text{NON-CGRAD}]$$

$$=$$

$$E[Y(\text{PREFERS DATE TO NOT WANT KIDS}) \mid Z = \text{NON-CGRAD}] -$$

$$E[Y(\text{DOES NOT PREFER DATE TO NOT WANT KIDS}) \mid Z = \text{NON-CGRAD}]$$

METHOD

The causal inference method I am using is the propensity score method. In a dataset that has treatment and control observations, every observation gets a "propensity score" or "p-score". A "propensity score" is basically a one number summary of the covariates (Gelman et al, 2020). It is the estimated probability that an observation receives the treatment or not. There are about 5 steps to implementing the propensity score method.

The first is deciding which variables are our confounders and what estimand or effect we are trying to estimate. A confounding variable is pre-treatment variable that predicts both the treatment and the outcome and not controlling for these in analysis may hinder our accuracy in estimating a true, unbiased treatment effect (pp. 385, 389). As stated above, the estimand for my analysis is the Average Treatment on the Controls. My list of confounders, which were all of

the pre-treatment covariates except for my treatment variable, include profile demographics like region, ethnicity, height, sex, age, smoking habits, drinking habits, participant's body-type, and language(s) the profile speaks. Other set pre-treatment covariates I include are the profile's marriage status, religion and how often they attend religious services, income, employment status and occupation, desire to have kids themselves, if they already have kids, living situation and environments (i.e. living with pets, kids, roommates, family and relatives), and political leaning.

Particularly with these latter set of covariates, it is likely some have been affected by the treatment (of obtaining a college degree), like occupation, income, and living situation to name a few. They could be considered post-treatment variables, therefore disqualifying them from our analysis. However, there is no data to indicate when a profile obtained their college degree or not. There is also no definite data if or when obtaining a degree changed these covariates. For example, people may have already been parents when they started working on their college degree, so they would have continued to be parents after receiving their degree. There is no way to know from the data I have. There is also a chance that the covariates, like the profile having the desire to have kids, might directly affect the outcome no matter what their college-degree status is. However, my logic when choosing these variables as pre-treatment variables is that they are characteristics of the profile that the profile already indicated/ knew about themselves *before* indicating that they wanted to find a partner who did or did not want kids. I hope that at least accounting for them in my analysis will help us get closer to the true treatment effect.

Next, we calculate our estimated propensity score probabilities. To do that, we regress the treatment variable on the confounders we chose above. Put another way, we estimate the treatment conditional on the confounders by entering them into regression models. The models typically used in this process are logit or probit regression models because the output of these models are probabilities, values from 0 to 1. At the same time, any model can be used if the output values are probabilities. Like with most causal inference methods, post-treatment variables and outcome variables cannot be used to calculate p-scores.

The third step, after the p-scores are estimated, is using the p-scores to restructure the data to make sure there is now overlap and sufficient balance in the data to estimate a treatment effect. There are multiple ways to restructure the data: matching the p-scores across treatment and control group with replacement, matching the scores without replacement, weighting observations based on how many times they appear in the data. When we match, every observation in our inferential group is "paired" with an observation from the other group based on similar their p-scores are. When matching is done with replacement, observations from the other group can be paired multiple times with an observation in the inferential group. For example, in regards to the ATC, if one treatment observation has similar p-score that is close to 2 different control observations, that treatment observation is paired twice, one time for each control observations: These control observations have the same treatment "partner" because

this treatment observation is the closet treatment observation to both of them (in the p-score space). The treatment observation is then given a weight of 2.

On the other hand, when matching is done without replacement, observations from the other group can only be paired once with an observation in the inferential group. That means if the inferential group is smaller than the other group, some observations in the other group will get thrown away. This is like the control and treatment groups in this Yahoo Personals Sample: because I have more treatment observations than control observations, not every treatment observation will be paired with a control observation and they will be removed from the restructure data, not to be used in analysis. In matching without replacement, all weights for the observations in the non-inferential group are either 1 or 0. Observations with weights of 0 are the ones that are removed.

For my analysis, I am using the matching with replacement method. It is easier to get matches from the treatment group to compare to the control group because there are more treatment observations to choose from.

In the fourth step, we compare the distribution of the scores between the treatment and the control group. We re-assess balance and overlap in the covariate space between the two group. In other words, the p-scores from the treatment and control group are compared to see how different they are from each other. To make the comparisons, we look at the absolute standardized differences in means between confounders in the inferential and comparison group. Ideally, researchers should aim to get the absolute standardized mean differences as close to 0 as possible. The closer a value is to 0, the more balanced that confounder is between both groups. We look at the standardized mean differences instead of the regular means to put the mean comparisons on the same scale. If the research is not satisfied with balance in their current propensity -score model, the researcher should repeat Steps 2 through 4, adjusting their model, maybe including some interactions between confounders, and then reassessing balance and overlap until they are satisfied.

For my analysis, I strived to have my standardized mean differences not exceed 0.10. After about 30 versions of p-score modes, I was able to achieve that goal in one of my models.

The fifth and final step is to estimate the treatment effect on the restructured data now that it has the ideal observations included (based on the matching method chosen) and the most overlap and balance possibly achieved. To estimate the effect, a linear regression model could include an argument for the weights. However, in my analysis, my outcome is a binary outcome (whether if someone has a preference to date someone who does not want kids or not). Therefore, I used a logistic regression model to estimate a treatment effect that is on the logit probability scale. However, my coefficients may not be collapsible.

The purpose of the propensity score method is to make the observational study data look like a randomization control trial (RCT). In a randomized control trial, on average, the treatment and the control groups have the same amount of observed and unobserved covariates in their

respective samples (i.e. characteristics/ variables that the study measured/has data on and ones that were not measured). This hopefully will make the data look like it came from an RCT. That is because in RCTs, randomization is suppose to ensure that the treatment and control groups both have the same types of individuals so the researcher can make comparisons between them to determine if the treatment that the treatment group gets exposed to is the cause for any differences in the observed outcome between the two groups. The control group acts as a "counterfactual" state to the treatment group because they did not get exposed to the intervention. And it is vice versa for the treatment group: the treatment group acts as a "counterfactual" state to the control group.

That is why RCT's are often referred to as the "gold standard" for determining causal effects: if all types of people (and their characteristics, lifestyles, backgrounds, beliefs, etc.), all have an equal chance of being in either the treatment and control group, than on average, each group would have an equal presence of all types of people within them. Each group starts off at the same baseline and then if exposure to the treatment is the only difference between the two groups, any difference detected in the outcome we want to measure can be solely attributed (in theory) to the treatment and exposure to it. The treatment is what caused the change.

ASSUMPTIONS

A lauded benefit of propensity score matching is that this method relaxes parametric (or linear) assumptions. However, my data set contains many factor variables where relaxing these assumptions is not necessarily needed. It is more of a concern for continuous variables. I am also assuming that there is no Stable Unit Treatment Value Assumption (SUTVA) violation. This means the treatment assignment of one observation does not affect the outcome of another observation: the outcomes are independent of each other.

I am also assuming ignorability, $E[Y(0) \mid Z=1, X] = E[Y(0) \mid Z=0, X]$, where all the confounding variables that could affect my outcome are equally distributed throughout my dataset and have been accounted for in my models. While I believe this dataset has measured some very important covariates that could be confounders for my outcome variable (like profile's desire to have kids, occupation, employment status, income level, religion, how often the go to religious services; and ethnicity), I do not believe that *all* confounding variables have been accounted for and measured in the data set. For example, health status or chronic condition that could affect fertility (like endometriosis) or the profile's preference for biological children or adoption. Still, to conduct my analysis, I must assume that some ignorability holds. Even for unobserved confounders not measured in the data, I am assuming that all confounders are properly controlled for and equally distributed on average between the treatment and control samples after propensity score matching. That way, I can unbiasedly estimate the effect.

Other assumptions I must make to conduct my analysis is that I have achieved sufficient overlap in the covariate space with my propensity score model. Given that the data had decent overlap to begin with before matching and the relatively large sample size, I believe there are some treatment and control units within every covariate and their distributions. In other words, there is some presence of each covariate in both my treatment and control group. I am also assuming I have specified the appropriate propensity score model to achieve adequate balance. I believe my propensity score model achieves adequate balance between the controlled and the matched treatment observations. The standard mean differences between the covariates before matching and covariates after matching all have an absolute value of 0.10 or below. The standard mean differences should be close to 0 and I believe 0.10 is a good threshold to make sure there is sufficient balance.

DIAGNOSTICS

Using the Matchit package, I assessed balance and overlap of the treatment and control groups' propensity scores before matching them. Figure 4 below shows a histogram chart of this assessment. There is overlap in all ranges of the p-score, however, it looks there is adequate balance in only 40% of the data.

Figure 4
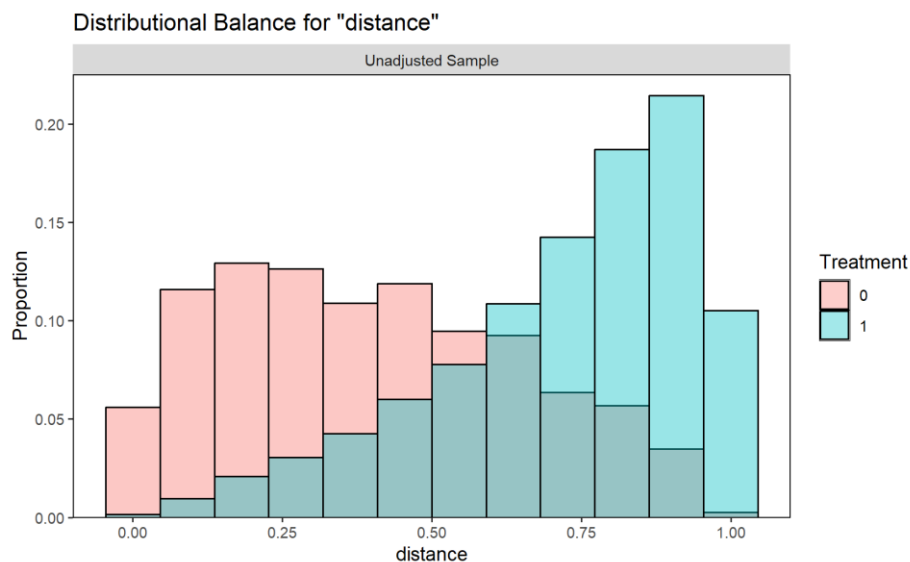
To do a plausible analysis, better balance needs to be achieved so we will do that with p-score matching. Table 1 in the appendix reports the mean and variance statistics on this unmatched data, sorted in descending order of standard mean differences.

To achieve balance, I used nearest neighbor matching with replacement where I added all the confounders into a probit model with no interactions or variable-manipulation. Figure 5 shows that balance improved greatly with respect to the ATC with this matching method

Figure 5
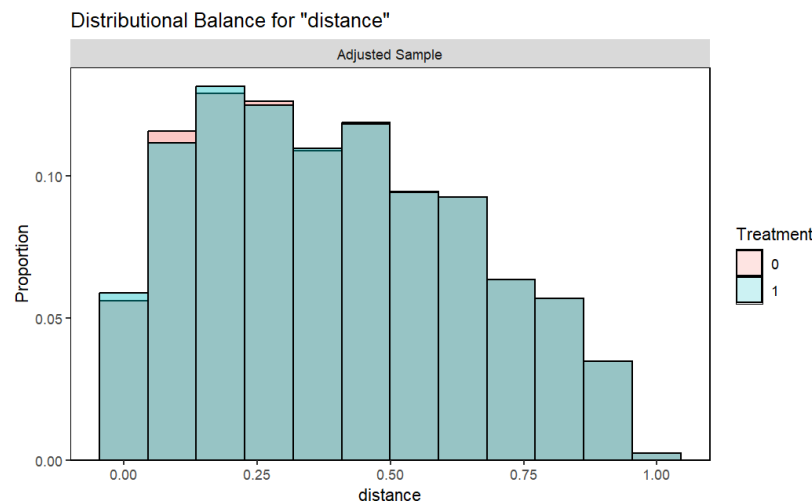
Table 2 in the Appendix also showcases this improved balance. It is sorted in descending order of the matched eCDF Mean column values since they are equal to the absolute difference in means between the matched treated and the matched controls. These mean differences are now at 0.10 or below, a standard for determining adequate balance.

I would like to point out that the the age, height, and distance variables are the only variables where their matched eCDF values do not equal the absolute difference in means. They are continuous variables, so their matched standardized mean differences are what we should look at. However, their standardized mean differences seem proportional to their corresponding eCDF column values (in that their standardized mean differences are under 0.1), so we will just refer to eCDF values in this analysis.

Next, I simulated 20 other propensity score models, based on different covariate combinations, to see if I could achieve greater balance and overlap. The propensity score model that lowered my mean differences the most and improved my balance was a model that used all the confounders *with* an interaction between the profiler already having kids and the profiler wanting kids. Below in Figure 6 is the balance and overlap plot from this simulation.

Figure 6
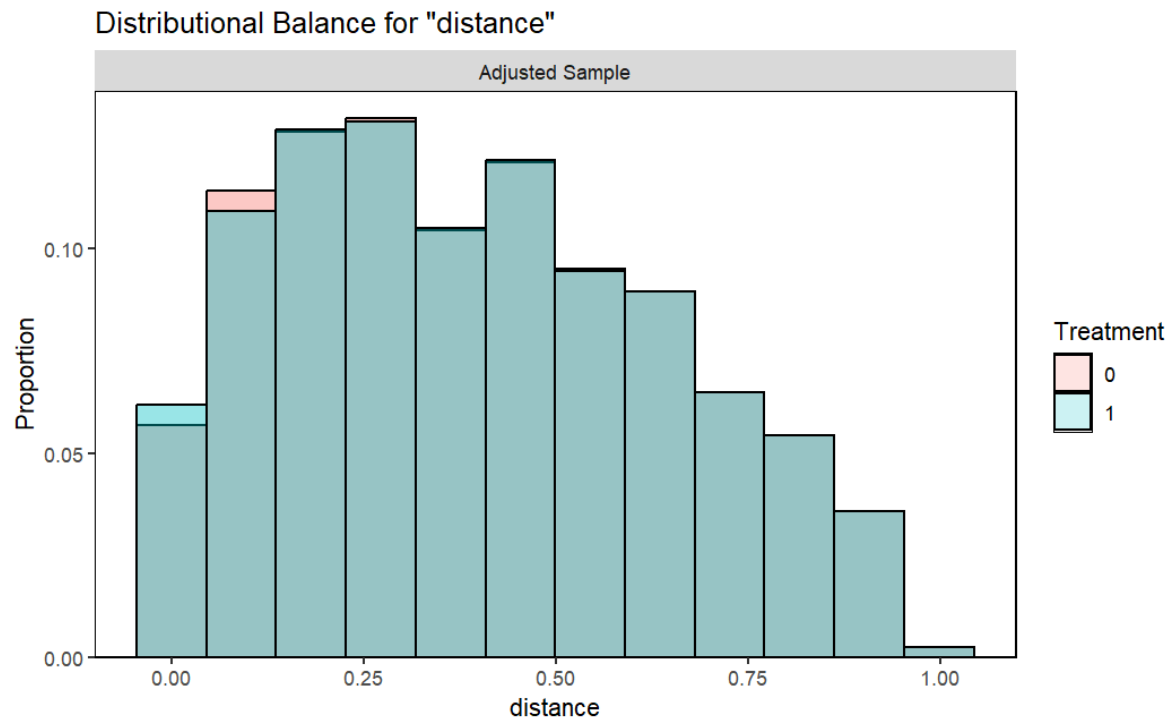
These standard differences are in Table 3 (Appendix). However, there only seems to be slight improvement between the mean differences from my first model and this "interaction" model: The interaction in the latter does not lower the absolute differences greatly. Still, it maintains them at 0.10 and below.

RESULTS

After choosing the propensity score model with the interaction, I ran a logistic regression model on my restructured data where treatment units were matched with replacement to every control observation. One thousand twenty-eight (1028) treatment units were matched to 2408 control units.

Next, I included an argument for weights in my logistic regression model to account for the weighted treatment observations. Below is my final model to estimate the probability of a profile wanting to date someone who does not want kids.

$$\text{Date-Does-Not-Want-Kids} = (\beta_1 \text{ Graduation Status} + \beta_2 \text{U.S. Region} + \beta_3 \text{Sex} + \beta_4 \text{Age} + \beta_5 \text{Ethnicity} +$$
$$\beta_6 \text{Marital Status} + \beta_7 \text{Body Type} + \beta_8 \text{Height} + \beta_9 \text{Smoking Habits} +$$
$$\beta_{10} \text{ Drinking Habits} + \beta_{11} \text{Lives Alone} + \beta_{12} \text{Lives with Kids} +$$
$$\beta_{13} \text{Lives with Parents} + \beta_{14} \text{Lives with Pets} + \beta_{15} \text{Lives with Roommates} +$$
$$\beta_{16} \text{Lives with Family} + \beta_{17} \text{Lives in a Party like environment} + \beta_{18} \text{Has Kids} +$$

$$\beta_{19}\text{Wants Kids} + \beta_{20}\text{Employment Status} + \beta_{21}\text{Occupation} + \beta_{22}\text{Income} +$$
$$\beta_{23}\text{Religion} + \beta_{24}\text{Amount Attends Religious Services} + \beta_{25}\text{Political Leaning} +$$
$$\beta_{26}\text{Speaks English} + \beta_{27}\text{Speaks French} + \beta_{28}\text{Speaks German} +$$
$$\beta_{29}\text{Speaks Italian} + \beta_{30}\text{Speaks Spanish} + \beta_{31}\text{Speaks Portuguese} +$$
$$\beta_{32}\text{Speaks Dutch} + \beta_{33}\text{Speaks Chinese} + \beta_{34}\text{Speaks Japanese} +$$
$$\beta_{35}\text{Speaks Arabic} + \beta_{36}\text{Speaks Russian} + \beta_{37}\text{Speaks Hebrew} +$$
$$\beta_{38}\text{Speaks Hindi} + \beta_{39}\text{Speaks Tagalog} + \beta_{40}\text{Speaks Urdu}) * \text{p-score weights}$$

At the same time, the standard errors in my output can be off. To correct them (and in turn my estimate) I used the `sandwich` function. The resulting coefficient and standard error were −0.144 and 0.109, respectively.

Based on this output, assuming SUTVA, ignorability, balance and overlap assumptions hold, the average treatment effect on the controls is -0.144 in log odds or logit. Because our coefficient is negative, that means that when a person obtains a college degree, there is a slightly lower probability that that person will have the preference to date someone who does not wants kids.

If we convert this log-odds coefficient to just odds, the result is 0.866. We could interpret this as if people in the control group had obtained college degrees, their odds of desiring a partner who does not want kids would be 0.866. Or alternatively, they have about 13.4 lower odds of having that preference as compared to not having that preference. Because the odds are less than 1, the chances or likelihood that they would have that preference lowers.

We can also interpret this result as probability. If we convert our model's log odds coefficient (-0.144) to a probability, we get 46.403%. This means that had people in the control group received a college degree, their preference to date someone who does not want kids would be lower than 50%, or lower than a 50-50 chance. Therefore, the alternative (to not date someone who does not want kids/ to date someone who wants kids) would have a higher probability because it would be above 50%: about 53.6% in this case.

I also ran another logistic regression model *without* weights for comparison. Continuing to use the `sandwich` function, the average treatment effect on the controls for this model is -0.076 and the standard error is 0.129. In odds, this effect is 0.927 and as a probability is 48.1 %. In this model, had people in the control group received a college degree, the probability that they would prefer to date someone who does not want children is a little higher, specifically 1.697% higher. The effect of obtaining a college degree on this dating preference is smaller in this model than in my propensity score model. However, the difference in effect between these two models is probably negligible.

DISCUSSION

In both my propensity score model and logistic regression model, having a college degree has a negative effect on the preference to date someone who does not want to have kids: having a college degree lowers the probability of having this preference. On the other head, it could be said that having a college degree may slightly increase the probability that a person would prefer to date someone who wants kids.

However, because the ATC coefficients from both models are small, the effect of having a college degree on the preference to date someone who does not want to have kids is probably very small amongst this sample of Yahoo Personal users. Degree status likely does not have a major impact on this preference for users

As stated before, I am not sure if I can assume complete ignorability where all my confounders have been adjusted for. I might have some hidden bias or omitted variable bias because of some unmeasured confounders, like chronic disease that could affect fertility.

Another limitation of my analysis is a characteristic of the data itself: Instead of specifying "Yes" or "No" on whether they preferred to date someone who did not want kids, many profiles left that answer blank. In fact, many college grad profiles and non-college grad profiles had "No Answer", more than specific "Yes's" and "No's combined" (see Figure 3). With so many people not indicating a preference, it is hard to say if this effect is true for non-college grad profiles. It might improve my analysis to see if there are multiple treatment effects: one for those who say "Yes" and another for those who have "No Answer".

However, hopefully this analysis may have shed some light on online dating patterns in the United States in 2004 and 2005. Particularly when it comes to the major life decision of choosing to have kids with a partner, having a college degree may have made people more open to the prospect of having children. Perhaps because of the economic benefits a college degree brings (on average). Also, now that online dating has dramatically increased in popularity and prevalence, looking at Yahoo Personals data from 2004 and 2005 is an interesting glimpse into the past when this new frontier in dating was in its infancy.

I will not extrapolate further, but it would be interesting to see how dating preferences have changed when the right to choose to bear a child is no longer fundamental in the United States of America. Further research comparing the dating patterns before and after *Dobbs v Jackson* is warranted. That way, we can get better picture of how the landmark decision has affected U.S dating patterns and the future goals of millions of Americans who now live with fewer rights.

Appendix

Table 1 (*NOTE:

	Means Treated B4	Means Control B4	Std. Mean Diff. B4	Var. Ratio B4	eCDF Mean B4	eCDF Max B4	Std. Pair Dist. B4
distance	0.7226382	0.3998113	1.3009268	0.7505352	0.3311568	0.5102950	NA
ETHNICITY(1) Asian	0.3032929	0.1362126	0.4870943	NA	0.1670803	0.1670803	NA
INCOME(7) $150,000+	0.0447718	0.0074751	0.4330041	NA	0.0372967	0.0372967	NA
INCOME(6) $100,000 to $149,999	0.0450607	0.0078904	0.4201144	NA	0.0371703	0.0371703	NA
ETHNICITY(4) Hispanic/Latino	0.1770653	0.3629568	-0.3865874	NA	0.1858915	0.1858915	NA
LIVE_ALONE(1) yes	0.4020797	0.2421096	0.3734475	NA	0.1599701	0.1599701	NA
AGE	32.6002311	29.7549834	0.3413698	0.6756963	0.0863779	0.2259474	NA
LANG_CHINESE(1) yes	0.0834778	0.0286545	0.3286108	NA	0.0548233	0.0548233	NA
INCOME(5) $75,000 to $99,999	0.0701906	0.0228405	0.3169459	NA	0.0473501	0.0473501	NA
OCCUP(05) education/academic research	0.0797227	0.0290698	0.3015017	NA	0.0506529	0.0506529	NA
HAVEKIDS(0) no	0.7833622	0.6465947	0.2861083	NA	0.1367675	0.1367675	NA
LIVE_PAR(1) yes	0.0427499	0.1378738	-0.2759074	NA	0.0951239	0.0951239	NA
LIVE_ALONE(0) no	0.2845176	0.4202658	-0.2750157	NA	0.1357482	0.1357482	NA
BODY(3) athletic	0.3379549	0.2296512	0.2574931	NA	0.1083038	0.1083038	NA
INCOME(1) less than $24,999	0.0222415	0.0980066	-0.2548239	NA	0.0757652	0.0757652	NA
SMOKING(1) no	0.8492201	0.7379568	0.2530172	NA	0.1112633	0.1112633	NA
EMPSTAT(0) full-time	0.7712305	0.6511628	0.2519243	NA	0.1200677	0.1200677	NA
INCOME(2) $25,000 to $34,999y	0.0421722	0.1200166	-0.2395354	NA	0.0778445	0.0778445	NA
ETHNICITY(2) Caucasian	0.2954939	0.1997508	0.2394697	NA	0.0957431	0.0957431	NA
LIVE_PAR(0) no	0.6415367	0.5236711	0.2359958	NA	0.1178656	0.1178656	NA
HAVEKIDS(1) yes, at home full-time	0.0733680	0.1594684	-0.2351749	NA	0.0861004	0.0861004	NA
OCCUP(01) banking/financial services/real estate	0.1181398	0.0622924	0.2310746	NA	0.0558474	0.0558474	NA
EMPSTAT(5) student	0.0462161	0.1204319	-0.2280295	NA	0.0742158	0.0742158	NA
OCCUP(02) clerical/administrative	0.0233969	0.0867940	-0.2251855	NA	0.0633971	0.0633971	NA
POLITICS(3) liberal	0.1964183	0.1229236	0.2238306	NA	0.0734947	0.0734947	NA
BODY(5) thick	0.0450607	0.1146179	-0.2183489	NA	0.0695573	0.0695573	NA
REGION(1) New York/New Jersey	0.2952051	0.2084718	0.2135154	NA	0.0867333	0.0867333	NA
EMPSTAT(1) part-time	0.0297516	0.0897010	-0.2097946	NA	0.0599494	0.0599494	NA
POLITICS(5) not political	0.1129405	0.1951827	-0.2075036	NA	0.0822422	0.0822422	NA
RELIGION(07) Hindu	0.0066436	0.0008306	0.2017872	NA	0.0058130	0.0058130	NA
OCCUP(17) other	0.0866551	0.1565615	-0.1923745	NA	0.0699063	0.0699063	NA
LANG_FRENCH(1) yes	0.0548816	0.0249169	0.1922386	NA	0.0299646	0.0299646	NA
OCCUP(07) executive/management	0.0774119	0.0398671	0.1919007	NA	0.0375448	0.0375448	NA

	Means Treated B4	Means Control B4	Std. Mean Diff. B4	Var. Ratio B4	eCDF Mean B4	eCDF Max B4	Std. Pair Dist. B4
SMOKING(2) occasionally	0.0930098	0.1640365	-0.1918041	NA	0.0710267	0.0710267	NA
LIVE_KIDS(1) yes	0.0606586	0.1237542	-0.1916046	NA	0.0630956	0.0630956	NA
RELIGION(08) Jewish	0.0199307	0.0058140	0.1856796	NA	0.0141167	0.0141167	NA
LANG_TAGALOG(1) yes	0.0352397	0.0137043	0.1852342	NA	0.0215354	0.0215354	NA
WANTKIDS(1) yes	0.4560947	0.3700166	0.1782862	NA	0.0860781	0.0860781	NA
OCCUP(14) technical science/engineering	0.0843443	0.0469269	0.1769292	NA	0.0374174	0.0374174	NA
WANTKIDS(0) no	0.1016753	0.1656977	-0.1721915	NA	0.0640223	0.0640223	NA
LIVE_KIDS(0) no	0.6239168	0.5382060	0.1719243	NA	0.0857108	0.0857108	NA
POLITICS(2) middle of the road	0.3076256	0.2350498	0.1711573	NA	0.0725758	0.0725758	NA
ETHNICITY(0) African American	0.2241479	0.3010797	-0.1677071	NA	0.0769318	0.0769318	NA
RELIGION(14) Other	0.0375505	0.0830565	-0.1648959	NA	0.0455059	0.0455059	NA
OCCUP(18) no answer	0.0745234	0.1274917	-0.1588145	NA	0.0529683	0.0529683	NA
LANG_SPANISH(1) yes	0.1707106	0.2346346	-0.1508459	NA	0.0639240	0.0639240	NA
LANG_HINDI(1) yes	0.0127094	0.0037375	0.1470291	NA	0.0089719	0.0089719	NA
POLITICS(6) no answer	0.2697863	0.3388704	-0.1459548	NA	0.0690842	0.0690842	NA
LANG_SPANISH(0) no	0.5389948	0.4676080	0.1430742	NA	0.0713868	0.0713868	NA
SMOKING(3) often	0.0231080	0.0539867	-0.1366365	NA	0.0308787	0.0308787	NA
OCCUP(11) medical/health services	0.0872328	0.0573090	0.1287423	NA	0.0299238	0.0299238	NA
RELIGION(10) Spiritual but not religious	0.1045638	0.0714286	0.1286610	NA	0.0331353	0.0331353	NA
EMPSTAT(4) self-employed	0.1106297	0.0768272	0.1269256	NA	0.0338025	0.0338025	NA
OCCUP(15) transportation	0.0095321	0.0315615	-0.1260051	NA	0.0220294	0.0220294	NA
INCOME(4) $50,000 to $74,999	0.1282496	0.0921927	0.1246359	NA	0.0360569	0.0360569	NA
HAVEKIDS(3) yes, but not at home	0.0805893	0.1187708	-0.1180195	NA	0.0381815	0.0381815	NA
LANG_PORTUGUESE(1) yes	0.0147314	0.0058140	0.1172923	NA	0.0089174	0.0089174	NA
LANG_JAPANESE(1) yes	0.0259965	0.0128738	0.1164091	NA	0.0131228	0.0131228	NA
WANTKIDS(2) not sure	0.2400347	0.2927741	-0.1159017	NA	0.0527394	0.0527394	NA
OCCUP(16) food service	0.0017331	0.0157807	-0.1127181	NA	0.0140476	0.0140476	NA
BODY(6) a few extra pounds	0.0387060	0.0664452	-0.1113763	NA	0.0277392	0.0277392	NA
INCOME(3) $35,000 to $49,999	0.0895436	0.1258306	-0.1094106	NA	0.0362869	0.0362869	NA
LANG_GERMAN(1) yes	0.0202195	0.0099668	0.1032139	NA	0.0102527	0.0102527	NA
OCCUP(09) legal services	0.0314847	0.0178571	0.1029021	NA	0.0136275	0.0136275	NA
LANG_CHINESE(0) no	0.6262276	0.6735880	-0.1010033	NA	0.0473604	0.0473604	NA
REGION(0) Los Angeles, CA	0.2322357	0.2769934	-0.1000142	NA	0.0447577	0.0447577	NA
MARSTAT(0) single-never married	0.7614096	0.7163621	0.0999360	NA	0.0450475	0.0450475	NA
OCCUP(04) construction/craftsman	0.0101098	0.0253322	-0.0968768	NA	0.0152225	0.0152225	NA
RELIGION(00) none/agnostic	0.0557481	0.0373754	0.0968616	NA	0.0183727	0.0183727	NA

	Means Treated B4	Means Control B4	Std. Mean Diff. B4	Var. Ratio B4	eCDF Mean B4	eCDF Max B4	Std. Pair Dist. B4
OCCUP(12) politics/government/military	0.0225303	0.0419435	-0.0968432	NA	0.0194132	0.0194132	NA
LANG_ITALIAN(1) yes	0.0222415	0.0120432	0.0934948	NA	0.0101983	0.0101983	NA
RELIGION(01) Atheist	0.0077990	0.0029070	0.0908649	NA	0.0048920	0.0048920	NA
SEX(1) male	0.5346620	0.4900332	0.0892754	NA	0.0446288	0.0446288	NA
SEX(0) female	0.4653380	0.5099668	-0.0892754	NA	0.0446288	0.0446288	NA
BODY(8) voluptous	0.0170422	0.0328073	-0.0885026	NA	0.0157651	0.0157651	NA
BODY(1) slender	0.0615251	0.0436047	0.0877535	NA	0.0179205	0.0179205	NA
BODY(2) average	0.2911612	0.3313953	-0.0854746	NA	0.0402342	0.0402342	NA
LIVE_FAM(0) no	0.6415367	0.5996678	0.0854527	NA	0.0418689	0.0418689	NA
OCCUP(03) computer related/hardware	0.0745234	0.0556478	0.0823396	NA	0.0188756	0.0188756	NA
WANTKIDS(3) no answer	0.2021953	0.1715116	0.0813986	NA	0.0306836	0.0306836	NA
HEIGHT_FT	5.1808203	5.1503322	0.0802308	1.1141004	0.0076852	0.0287900	NA
LIVE_FAM(1) yes	0.0427499	0.0618771	-0.0793884	NA	0.0191272	0.0191272	NA
SERVICES(1) never	0.1057192	0.0838870	0.0787545	NA	0.0218322	0.0218322	NA
RELIGION(05) Christian/Protestant	0.0228192	0.0137043	0.0784003	NA	0.0091149	0.0091149	NA
LANG_URDU(1) yes	0.0077990	0.0033223	0.0777972	NA	0.0044767	0.0044767	NA
DRINKING(2) occasionally	0.8238013	0.7940199	0.0736404	NA	0.0297813	0.0297813	NA
BODY(4) fit	0.0644136	0.0485880	0.0736056	NA	0.0158256	0.0158256	NA
BODY(0) slim	0.1213172	0.0996678	0.0722714	NA	0.0216494	0.0216494	NA
RELIGION(03) Christian/Catholic	0.1340266	0.1602990	-0.0716098	NA	0.0262724	0.0262724	NA
HAVEKIDS(2) yes, at home part-time	0.0291739	0.0431894	-0.0689456	NA	0.0140155	0.0140155	NA
EMPSTAT(6) unemployed	0.0025997	0.0091362	-0.0687004	NA	0.0065366	0.0065366	NA
MARSTAT(4) no answer	0.0231080	0.0357143	-0.0679301	NA	0.0126063	0.0126063	NA
OCCUP(10) manufacturing/distributions	0.0089544	0.0178571	-0.0672252	NA	0.0089028	0.0089028	NA
OCCUP(06) entertainment/media	0.0580589	0.0444352	0.0661153	NA	0.0136237	0.0136237	NA
INCOME(0) no answer	0.5577701	0.5257475	0.0641302	NA	0.0320226	0.0320226	NA
LIVE_PARTY(1) yes	0.0034662	0.0095515	-0.0625647	NA	0.0060853	0.0060853	NA
LIVE_PARTY(0) no	0.6808203	0.6519934	0.0605179	NA	0.0288270	0.0288270	NA
LIVE_ROOM(0) no	0.5288850	0.4987542	0.0602620	NA	0.0301309	0.0301309	NA
OCCUP(13) sales/marketing	0.0794339	0.0647841	0.0595171	NA	0.0146498	0.0146498	NA
BODY(7) large	0.0109763	0.0191030	-0.0593677	NA	0.0081267	0.0081267	NA
RELIGION(02) Buddhist/Taoist	0.0231080	0.0157807	0.0587942	NA	0.0073273	0.0073273	NA
SERVICES(3) only on holidays	0.0973426	0.0813953	0.0583205	NA	0.0159472	0.0159472	NA
MARSTAT(1) divorced	0.1813980	0.2043189	-0.0568470	NA	0.0229209	0.0229209	NA
EMPSTAT(2) homemaker	0.0025997	0.0074751	-0.0566023	NA	0.0048754	0.0048754	NA
REGION(3) Atlanta, GA	0.2209705	0.2450166	-0.0559085	NA	0.0240461	0.0240461	NA
LIVE_PETS(0) no	0.6036973	0.5764120	0.0552193	NA	0.0272853	0.0272853	NA
DRINKING(1) no	0.1510687	0.1715116	-0.0542316	NA	0.0204429	0.0204429	NA

	Means Treated B4	Means Control B4	Std. Mean Diff. B4	Var. Ratio B4	eCDF Mean B4	eCDF Max B4	Std. Pair Dist. B4
SERVICES(2) rarely	0.2628538	0.2861296	-0.0515006	NA	0.0232757	0.0232757	NA
LANG_DUTCH(1) yes	0.0023108	0.0008306	0.0513837	NA	0.0014802	0.0014802	NA
LIVE_ALONE(2) no answer	0.3134027	0.3376246	-0.0512200	NA	0.0242219	0.0242219	NA
POLITICS(4) very liberal	0.0329289	0.0253322	0.0483460	NA	0.0075967	0.0075967	NA
LANG_FRENCH(0) no	0.6548238	0.6773256	-0.0481322	NA	0.0225018	0.0225018	NA
LIVE_PAR(2) no answer	0.3157135	0.3384551	-0.0480610	NA	0.0227417	0.0227417	NA
LIVE_PETS(2) no answer	0.3157135	0.3384551	-0.0480610	NA	0.0227417	0.0227417	NA
LIVE_ROOM(2) no answer	0.3157135	0.3384551	-0.0480610	NA	0.0227417	0.0227417	NA
LIVE_FAM(2) no answer	0.3157135	0.3384551	-0.0480610	NA	0.0227417	0.0227417	NA
LIVE_PARTY(2) no answer	0.3157135	0.3384551	-0.0480610	NA	0.0227417	0.0227417	NA
LIVE_KIDS(2) no answer	0.3154246	0.3380399	-0.0478081	NA	0.0226153	0.0226153	NA
SMOKING(0) no answer	0.0346620	0.0440199	-0.0456172	NA	0.0093579	0.0093579	NA
DRINKING(3) often	0.0049105	0.0091362	-0.0444134	NA	0.0042258	0.0042258	NA
POLITICS(0) very conservative	0.0063547	0.0107973	-0.0429872	NA	0.0044426	0.0044426	NA
RELIGION(11) Christian	0.3362218	0.3567276	-0.0428065	NA	0.0205057	0.0205057	NA
MARSTAT(3) separated	0.0254188	0.0328073	-0.0414775	NA	0.0073885	0.0073885	NA
REGION(2) Chicago, IL	0.2515887	0.2695183	-0.0404084	NA	0.0179296	0.0179296	NA
LANG_RUSSIAN(1) yes	0.0098209	0.0066445	0.0390976	NA	0.0031764	0.0031764	NA
RELIGION(12) Not religious	0.0332178	0.0274086	0.0355798	NA	0.0058092	0.0058092	NA
RELIGION(06) Christian/Other	0.0161756	0.0211794	-0.0347528	NA	0.0050038	0.0050038	NA
SERVICES(6) more than once a week	0.0233969	0.0290698	-0.0337668	NA	0.0056729	0.0056729	NA
DRINKING(0) no answer	0.0202195	0.0253322	-0.0325376	NA	0.0051127	0.0051127	NA
RELIGION(09) Islam	0.0072213	0.0049834	0.0317803	NA	0.0022379	0.0022379	NA
LANG_TAGALOG(0) no	0.6744656	0.6885382	-0.0303884	NA	0.0140726	0.0140726	NA
EMPSTAT(8) no answer	0.0317735	0.0373754	-0.0295333	NA	0.0056019	0.0056019	NA
LANG_ARABIC(1) yes	0.0023108	0.0041528	-0.0286435	NA	0.0018420	0.0018420	NA
OCCUP(08) hospitality/travel	0.0150202	0.0186877	-0.0270824	NA	0.0036675	0.0036675	NA
EMPSTAT(7) work at home	0.0037551	0.0058140	-0.0270810	NA	0.0020589	0.0020589	NA
LANG_ENGLISH(0) no	0.0031774	0.0049834	-0.0256477	NA	0.0018060	0.0018060	NA
LANG_ENGLISH(1) yes	0.9968226	0.9950166	0.0256477	NA	0.0018060	0.0018060	NA
MARSTAT(2) widowed	0.0086655	0.0107973	-0.0206277	NA	0.0021318	0.0021318	NA
LANG_ARABIC(0) no	0.7073946	0.6980897	0.0202682	NA	0.0093049	0.0093049	NA
LANG_HEBREW(1) yes	0.0011554	0.0020764	-0.0202329	NA	0.0009210	0.0009210	NA
LIVE_ROOM(1) yes	0.1554015	0.1627907	-0.0200154	NA	0.0073892	0.0073892	NA
RELIGION(04) Christian/LDS	0.0008666	0.0016611	-0.0195117	NA	0.0007946	0.0007946	NA
BODY(9) no answer	0.0118429	0.0141196	-0.0192970	NA	0.0022767	0.0022767	NA
LANG_HEBREW(0) no	0.7085500	0.7001661	0.0182980	NA	0.0083839	0.0083839	NA
LANG_FRENCH(2) no answer	0.2902946	0.2977575	-0.0163204	NA	0.0074628	0.0074628	NA
LANG_GERMAN(2) no answer	0.2902946	0.2977575	-0.0163204	NA	0.0074628	0.0074628	NA
LANG_ITALIAN(2) no answer	0.2902946	0.2977575	-0.0163204	NA	0.0074628	0.0074628	NA
LANG_SPANISH(2) no answer	0.2902946	0.2977575	-0.0163204	NA	0.0074628	0.0074628	NA

	Means Treated B4	Means Control B4	Std. Mean Diff. B4	Var. Ratio B4	eCDF Mean B4	eCDF Max B4	Std. Pair Dist. B4
LANG_PORTUGUESE(2) no answer	0.2902946	0.2977575	-0.0163204	NA	0.0074628	0.0074628	NA
LANG_DUTCH(2) no answer	0.2902946	0.2977575	-0.0163204	NA	0.0074628	0.0074628	NA
LANG_CHINESE(2) no answer	0.2902946	0.2977575	-0.0163204	NA	0.0074628	0.0074628	NA
LANG_JAPANESE(2) no answer	0.2902946	0.2977575	-0.0163204	NA	0.0074628	0.0074628	NA
LANG_ARABIC(2) no answer	0.2902946	0.2977575	-0.0163204	NA	0.0074628	0.0074628	NA
LANG_RUSSIAN(2) no answer	0.2902946	0.2977575	-0.0163204	NA	0.0074628	0.0074628	NA
LANG_HEBREW(2) no answer	0.2902946	0.2977575	-0.0163204	NA	0.0074628	0.0074628	NA
LANG_HINDI(2) no answer	0.2902946	0.2977575	-0.0163204	NA	0.0074628	0.0074628	NA
LANG_TAGALOG(2) no answer	0.2902946	0.2977575	-0.0163204	NA	0.0074628	0.0074628	NA
LANG_URDU(2) no answer	0.2902946	0.2977575	-0.0163204	NA	0.0074628	0.0074628	NA
LIVE_PETS(1) yes	0.0805893	0.0851329	-0.0162808	NA	0.0045436	0.0045436	NA
SERVICES(5) weekly	0.1574235	0.1632060	-0.0156473	NA	0.0057825	0.0057825	NA
HEIGHT_IN	5.5675910	5.6179402	-0.0150319	1.0688186	0.0103338	0.0275296	NA
EMPSTAT(3) retired	0.0014443	0.0020764	-0.0138874	NA	0.0006322	0.0006322	NA
LANG_DUTCH(0) no	0.7073946	0.7014120	0.0130728	NA	0.0059826	0.0059826	NA
LANG_JAPANESE(0) no	0.6837088	0.6893688	-0.0122310	NA	0.0056599	0.0056599	NA
OCCUP(00) artistic/musical/writer	0.0571924	0.0598007	-0.0110000	NA	0.0026083	0.0026083	NA
LANG_RUSSIAN(0) no	0.6998845	0.6955980	0.0093153	NA	0.0042865	0.0042865	NA
HAVEKIDS(4) no answer	0.0335066	0.0319767	0.0086957	NA	0.0015299	0.0015299	NA
POLITICS(1) conservative	0.0739457	0.0718439	0.0081394	NA	0.0021018	0.0021018	NA
RELIGION(15) no answer	0.1938186	0.1964286	-0.0065693	NA	0.0026100	0.0026100	NA
LANG_URDU(0) no	0.7019064	0.6989203	0.0065096	NA	0.0029861	0.0029861	NA
RELIGION(13) Scientology	0.0002889	0.0004153	-0.0062055	NA	0.0001264	0.0001264	NA
LANG_GERMAN(0) no	0.6894858	0.6922757	-0.0060446	NA	0.0027899	0.0027899	NA
LANG_ITALIAN(0) no	0.6874639	0.6901993	-0.0059156	NA	0.0027354	0.0027354	NA
SERVICES(4) monthly	0.0866551	0.0880399	-0.0048870	NA	0.0013848	0.0013848	NA
SERVICES(0) no answer	0.2666089	0.2682724	-0.0037546	NA	0.0016635	0.0016635	NA
LANG_HINDI(0) no	0.6969960	0.6985050	-0.0032883	NA	0.0015090	0.0015090	NA
LANG_PORTUGUESE(0) no	0.6949740	0.6964286	-0.0031635	NA	0.0014546	0.0014546	NA

Table 2

	Means Treated B4	Means Treated M	Means Control B4	Means Control M	Std. Mean Diff. B4	Std. Mean Diff. M	Var. Ratio B4	Var. Ratio M	eCDF Mean B4	eCDF Mean M	eCDF Max B4	eCDF Max M	Std. Pair Dist. B4	Std. Pair Dist. M
LIVE_KIDS(0) no	0.6239168	0.4929402	0.5382060	0.5382060	0.1719243	-0.0907970	NA	NA	0.0857108	0.0452658	0.0857108	0.0452658	NA	0.9904372
LIVE_PETS(0) no	0.6036973	0.5311462	0.5764120	0.5764120	0.0552193	-0.0916076	NA	NA	0.0272853	0.0452658	0.0272853	0.0452658	NA	0.9841518
LIVE_PARTY(0) no	0.6808203	0.6075581	0.6519934	0.6519934	0.0605179	-0.0932850	NA	NA	0.0288270	0.0444352	0.0288270	0.0444352	NA	0.9825442
AGE	32.6002311	30.5058140	29.7549834	29.7549834	0.3413698	0.0900839	0.6756963	0.7188800	0.0863779	0.0425350	0.2259474	0.1632060	NA	0.9866375
LIVE_PAR(2) no answer	0.3157135	0.3733389	0.3384551	0.3384551	-0.0480610	0.0737212	NA	NA	0.0227417	0.0348837	0.0227417	0.0348837	NA	0.9618866
LIVE_PETS(2) no answer	0.3157135	0.3733389	0.3384551	0.3384551	-0.0480610	0.0737212	NA	NA	0.0227417	0.0348837	0.0227417	0.0348837	NA	0.9618866
LIVE_ROOM(2) no answer	0.3157135	0.3733389	0.3384551	0.3384551	-0.0480610	0.0737212	NA	NA	0.0227417	0.0348837	0.0227417	0.0348837	NA	0.9618866
LIVE_FAM(2) no answer	0.3157135	0.3733389	0.3384551	0.3384551	-0.0480610	0.0737212	NA	NA	0.0227417	0.0348837	0.0227417	0.0348837	NA	0.9618866
LIVE_PARTY(2) no answer	0.3157135	0.3733389	0.3384551	0.3384551	-0.0480610	0.0737212	NA	NA	0.0227417	0.0348837	0.0227417	0.0348837	NA	0.9618866
LIVE_KIDS(2) no answer	0.3154246	0.3729236	0.3380399	0.3380399	-0.0478081	0.0737434	NA	NA	0.0226153	0.0348837	0.0226153	0.0348837	NA	0.9621753
LIVE_ALONE(2) no answer	0.3134027	0.3716777	0.3376246	0.3376246	-0.0512200	0.0720092	NA	NA	0.0242219	0.0340532	0.0242219	0.0340532	NA	0.9607087
RELIGION(11) Christian	0.3362218	0.3907807	0.3567276	0.3567276	-0.0428065	0.0710872	NA	NA	0.0205057	0.0340532	0.0205057	0.0340532	NA	0.9588106
SERVICES(5) weekly	0.1574235	0.1951827	0.1632060	0.1632060	-0.0156473	0.0865281	NA	NA	0.0057825	0.0319767	0.0057825	0.0319767	NA	0.7899899
LIVE_ROOM(0) no	0.5288850	0.4671927	0.4987542	0.4987542	0.0602620	-0.0631231	NA	NA	0.0301309	0.0315615	0.0301309	0.0315615	NA	0.9900363
LANG_ITALIAN(0) no	0.6874639	0.6590532	0.6901993	0.6901993	-0.0059156	-0.0673560	NA	NA	0.0027354	0.0311462	0.0027354	0.0311462	NA	0.9762131
LIVE_PAR(0) no	0.6415367	0.4925249	0.5236711	0.5236711	0.2359958	-0.0623623	NA	NA	0.1178656	0.0311462	0.1178656	0.0311462	NA	0.9620422
EMPSTAT(5) student	0.0462161	0.1507475	0.1204319	0.1204319	-0.2280295	0.0931453	NA	NA	0.0742158	0.0303156	0.0742158	0.0303156	NA	0.6979517
HAVEKIDS(0) no	0.7833622	0.6162791	0.6465947	0.6465947	0.2861083	-0.0634182	NA	NA	0.1367675	0.0303156	0.1367675	0.0303156	NA	0.8991482
EMPSTAT(0) full-time	0.7712305	0.6212625	0.6511628	0.6511628	0.2519243	-0.0627364	NA	NA	0.1200677	0.0299003	0.1200677	0.0299003	NA	0.9061929

	Means Treated B4	Means Treated M	Means Control B4	Means Control M	Std. Mean Diff. B4	Std. Mean Diff. M	Var. Ratio B4	Var. Ratio M	eCDF Mean B4	eCDF Mean M	eCDF Max B4	eCDF Max M	Std. Pair Dist. B4	Std. Pair Dist. M
ETHNICITY(0) African American	0.2241479	0.3301495	0.3010797	0.3010797	-0.1677071	0.0633705	NA	NA	0.0769318	0.0290698	0.0769318	0.0290698	NA	0.9451254
LANG_HINDI(0) no	0.6969960	0.6702658	0.6985050	0.6985050	-0.0032883	-0.0615358	NA	NA	0.0015090	0.0282392	0.0015090	0.0282392	NA	0.9574241
LANG_ARABIC(0) no	0.7073946	0.6698505	0.6980897	0.6980897	0.0202682	-0.0615117	NA	NA	0.0093049	0.0282392	0.0093049	0.0282392	NA	0.9624775
LANG_RUSSIAN(0) no	0.6998845	0.6673588	0.6955980	0.6955980	0.0093153	-0.0613691	NA	NA	0.0042865	0.0282392	0.0042865	0.0282392	NA	0.9566355
LANG_DUTCH(0) no	0.7073946	0.6735880	0.7014120	0.7014120	0.0130728	-0.0607989	NA	NA	0.0059826	0.0278239	0.0059826	0.0278239	NA	0.9537256
LIVE_ALONE(1) yes	0.4020797	0.2147010	0.2421096	0.2421096	0.3734475	-0.0639850	NA	NA	0.1599701	0.0274086	0.1599701	0.0274086	NA	0.7716980
LANG_TAGALOG(0) no	0.6744656	0.6611296	0.6885382	0.6885382	-0.0303884	-0.0591863	NA	NA	0.0140726	0.0274086	0.0140726	0.0274086	NA	0.9631222
LANG_FRENCH(2) no answer	0.2902946	0.3247508	0.2977575	0.2977575	-0.0163204	0.0590312	NA	NA	0.0074628	0.0269934	0.0074628	0.0269934	NA	0.9544899
LANG_GERMAN(2) no answer	0.2902946	0.3247508	0.2977575	0.2977575	-0.0163204	0.0590312	NA	NA	0.0074628	0.0269934	0.0074628	0.0269934	NA	0.9544899
LANG_ITALIAN(2) no answer	0.2902946	0.3247508	0.2977575	0.2977575	-0.0163204	0.0590312	NA	NA	0.0074628	0.0269934	0.0074628	0.0269934	NA	0.9544899
LANG_SPANISH(2) no answer	0.2902946	0.3247508	0.2977575	0.2977575	-0.0163204	0.0590312	NA	NA	0.0074628	0.0269934	0.0074628	0.0269934	NA	0.9544899
LANG_PORTUGUESE(0) no	0.6949740	0.6694352	0.6964286	0.6964286	-0.0031635	-0.0587068	NA	NA	0.0014546	0.0269934	0.0014546	0.0269934	NA	0.9582750
LANG_PORTUGUESE(2) no answer	0.2902946	0.3247508	0.2977575	0.2977575	-0.0163204	0.0590312	NA	NA	0.0074628	0.0269934	0.0074628	0.0269934	NA	0.9544899
LANG_DUTCH(2) no answer	0.2902946	0.3247508	0.2977575	0.2977575	-0.0163204	0.0590312	NA	NA	0.0074628	0.0269934	0.0074628	0.0269934	NA	0.9544899
LANG_CHINESE(2) no answer	0.2902946	0.3247508	0.2977575	0.2977575	-0.0163204	0.0590312	NA	NA	0.0074628	0.0269934	0.0074628	0.0269934	NA	0.9544899
LANG_JAPANESE(2) no answer	0.2902946	0.3247508	0.2977575	0.2977575	-0.0163204	0.0590312	NA	NA	0.0074628	0.0269934	0.0074628	0.0269934	NA	0.9544899
LANG_ARABIC(2) no answer	0.2902946	0.3247508	0.2977575	0.2977575	-0.0163204	0.0590312	NA	NA	0.0074628	0.0269934	0.0074628	0.0269934	NA	0.9544899
LANG_RUSSIAN(2) no answer	0.2902946	0.3247508	0.2977575	0.2977575	-0.0163204	0.0590312	NA	NA	0.0074628	0.0269934	0.0074628	0.0269934	NA	0.9544899
LANG_HEBREW(2) no answer	0.2902946	0.3247508	0.2977575	0.2977575	-0.0163204	0.0590312	NA	NA	0.0074628	0.0269934	0.0074628	0.0269934	NA	0.9544899

	Means Treated B4	Means Treated M	Means Control B4	Means Control M	Std. Mean Diff. B4	Std. Mean Diff. M	Var. Ratio B4	Var. Ratio M	eCDF Mean B4	eCDF Mean M	eCDF Max B4	eCDF Max M	Std. Pair Dist. B4	Std. Pair Dist. M
LANG_HINDI(2) no answer	0.2902946	0.3247508	0.2977575	0.2977575	-0.0163204	0.0590312	NA	NA	0.0074628	0.0269934	0.0074628	0.0269934	NA	0.9544899
LANG_TAGALOG(2) no answer	0.2902946	0.3247508	0.2977575	0.2977575	-0.0163204	0.0590312	NA	NA	0.0074628	0.0269934	0.0074628	0.0269934	NA	0.9544899
LANG_URDU(2) no answer	0.2902946	0.3247508	0.2977575	0.2977575	-0.0163204	0.0590312	NA	NA	0.0074628	0.0269934	0.0074628	0.0269934	NA	0.9544899
DRINKING(1) no	0.1510687	0.1449336	0.1715116	0.1715116	-0.0542316	-0.0705072	NA	NA	0.0204429	0.0265781	0.0204429	0.0265781	NA	0.7050720
LANG_HEBREW(0) no	0.7085500	0.6740033	0.7001661	0.7001661	0.0182980	-0.0571009	NA	NA	0.0083839	0.0261628	0.0083839	0.0261628	NA	0.9598394
LANG_URDU(0) no	0.7019064	0.6727575	0.6989203	0.6989203	0.0065096	-0.0570334	NA	NA	0.0029861	0.0261628	0.0029861	0.0261628	NA	0.9550836
DRINKING(2) occasionally	0.8238013	0.8197674	0.7940199	0.7940199	0.0736404	0.0636659	NA	NA	0.0297813	0.0257475	0.0297813	0.0257475	NA	0.7680983
LANG_SPANISH(0) no	0.5389948	0.4418605	0.4676080	0.4676080	0.1430742	-0.0516034	NA	NA	0.0713868	0.0257475	0.0713868	0.0257475	NA	0.9754711
LANG_FRENCH(0) no	0.6548238	0.6519934	0.6773256	0.6773256	-0.0481322	-0.0541867	NA	NA	0.0225018	0.0253322	0.0225018	0.0253322	NA	0.9780247
MARSTAT(0) single-never married	0.7614096	0.6914452	0.7163621	0.7163621	0.0999360	-0.0552772	NA	NA	0.0450475	0.0249169	0.0450475	0.0249169	NA	0.9083893
LANG_JAPANESE(0) no	0.6837088	0.6648671	0.6893688	0.6893688	-0.0122310	-0.0529477	NA	NA	0.0056599	0.0245017	0.0056599	0.0245017	NA	0.9539562
SMOKING(2) occasionally	0.0930098	0.1399502	0.1640365	0.1640365	-0.1918041	-0.0650440	NA	NA	0.0710267	0.0240864	0.0710267	0.0240864	NA	0.6885697
INCOME(3) $35,000 to $49,999	0.0895436	0.1474252	0.1258306	0.1258306	-0.1094106	0.0651112	NA	NA	0.0362869	0.0215947	0.0362869	0.0215947	NA	0.7412664
LANG_CHINESE(0) no	0.6262276	0.6524086	0.6735880	0.6735880	-0.1010033	-0.0451683	NA	NA	0.0473604	0.0211794	0.0473604	0.0211794	NA	0.9609329
LANG_GERMAN(0) no	0.6894858	0.6719269	0.6922757	0.6922757	-0.0060446	-0.0440879	NA	NA	0.0027899	0.0203488	0.0027899	0.0203488	NA	0.9582365
MARSTAT(1) divorced	0.1813980	0.2246678	0.2043189	0.2043189	-0.0568470	0.0504680	NA	NA	0.0229209	0.0203488	0.0229209	0.0203488	NA	0.8538355
LIVE_FAM(0) no	0.6415367	0.5801495	0.5996678	0.5996678	0.0854527	-0.0398360	NA	NA	0.0418689	0.0195183	0.0418689	0.0195183	NA	0.9552165
OCCUP(02) clerical/administrative	0.0233969	0.0672757	0.0867940	0.0867940	-0.2251855	-0.0693285	NA	NA	0.0633971	0.0195183	0.0633971	0.0195183	NA	0.5000506
POLITICS(6) no answer	0.2697863	0.3210133	0.3388704	0.3388704	-0.1459548	-0.0377270	NA	NA	0.0690842	0.0178571	0.0690842	0.0178571	NA	0.8940413
SEX(0) female	0.4653380	0.5265781	0.5099668	0.5099668	-0.0892754	0.0332292	NA	NA	0.0446288	0.0166113	0.0446288	0.0166113	NA	1.0317665

	Means Treated B4	Means Treated M	Means Control B4	Means Control M	Std. Mean Diff. B4	Std. Mean Diff. M	Var. Ratio B4	Var. Ratio M	eCDF Mean B4	eCDF Mean M	eCDF Max B4	eCDF Max M	Std. Pair Dist. B4	Std. Pair Dist. M
SEX(1) male	0.5346620	0.4734219	0.4900332	0.4900332	0.0892754	-0.0332292	NA	NA	0.0446288	0.0166113	0.0446288	0.0166113	NA	1.0317665
BODY(3) athletic	0.3379549	0.2462625	0.2296512	0.2296512	0.2574931	0.0394935	NA	NA	0.1083038	0.0166113	0.1083038	0.0166113	NA	0.8846541
ETHNICITY(2) Caucasian	0.2954939	0.1839701	0.1997508	0.1997508	0.2394697	-0.0394703	NA	NA	0.0957431	0.0157807	0.0957431	0.0157807	NA	0.7810961
LIVE_FAM(1) yes	0.0427499	0.0465116	0.0618771	0.0618771	-0.0793884	-0.0637750	NA	NA	0.0191272	0.0153654	0.0191272	0.0153654	NA	0.4153993
HEIGHT_IN	5.5675910	5.7221761	5.6179402	5.6179402	-0.0150319	0.0311198	1.0688186	0.9856730	0.0103338	0.0150540	0.0275296	0.0514950	NA	1.1913562
SMOKING(1) no	0.8492201	0.7524917	0.7379568	0.7379568	0.2530172	0.0330529	NA	NA	0.1112633	0.0145349	0.1112633	0.0145349	NA	0.8678749
HAVEKIDS(1) yes, at home full-time	0.0733680	0.1723422	0.1594684	0.1594684	-0.2351749	0.0351634	NA	NA	0.0861004	0.0128738	0.0861004	0.0128738	NA	0.7429686
ETHNICITY(1) Asian	0.3032929	0.1233389	0.1362126	0.1362126	0.4870943	-0.0375313	NA	NA	0.1670803	0.0128738	0.1670803	0.0128738	NA	0.6113963
OCCUP(01) banking/financial services/real estate	0.1181398	0.0494186	0.0622924	0.0622924	0.2310746	-0.0532665	NA	NA	0.0558474	0.0128738	0.0558474	0.0128738	NA	0.4209771
EMPSTAT(4) self-employed	0.1106297	0.0892857	0.0768272	0.0768272	0.1269256	0.0467806	NA	NA	0.0338025	0.0124585	0.0338025	0.0124585	NA	0.5707232
REGION(0) Los Angeles, CA	0.2322357	0.2890365	0.2769934	0.2769934	-0.1000142	0.0269114	NA	NA	0.0447577	0.0120432	0.0447577	0.0120432	NA	0.9159143
RELIGION(03) Christian/Catholic	0.1340266	0.1486711	0.1602990	0.1602990	-0.0716098	-0.0316938	NA	NA	0.0262724	0.0116279	0.0262724	0.0116279	NA	0.7199012
BODY(2) average	0.2911612	0.3197674	0.3313953	0.3313953	-0.0854746	-0.0247027	NA	NA	0.0402342	0.0116279	0.0402342	0.0116279	NA	0.9210562
OCCUP(03) computer related/hardware	0.0745234	0.0668605	0.0556478	0.0556478	0.0823396	0.0489121	NA	NA	0.0188756	0.0112126	0.0188756	0.0112126	NA	0.4764399
MARSTAT(4) no answer	0.0231080	0.0465116	0.0357143	0.0357143	-0.0679301	0.0581826	NA	NA	0.0126063	0.0107973	0.0126063	0.0107973	NA	0.4072781
RELIGION(00) none/agnostic	0.0557481	0.0265781	0.0373754	0.0373754	0.0968616	-0.0569240	NA	NA	0.0183727	0.0107973	0.0183727	0.0107973	NA	0.3196501
SMOKING(3) often	0.0231080	0.0647841	0.0539867	0.0539867	-0.1366365	0.0477777	NA	NA	0.0308787	0.0107973	0.0308787	0.0107973	NA	0.5035030
INCOME(0) no answer	0.5577701	0.5153654	0.5257475	0.5257475	0.0641302	-0.0207917	NA	NA	0.0320226	0.0103821	0.0320226	0.0103821	NA	0.9672301
WANTKIDS(1) yes	0.4560947	0.3596346	0.3700166	0.3700166	0.1782862	-0.0215035	NA	NA	0.0860781	0.0103821	0.0860781	0.0103821	NA	0.9349705
OCCUP(05) education/academic research	0.0797227	0.0394518	0.0290698	0.0290698	0.3015017	0.0617972	NA	NA	0.0506529	0.0103821	0.0506529	0.0103821	NA	0.3732550
LIVE_KIDS(1) yes	0.0606586	0.1341362	0.1237542	0.1237542	-0.1916046	0.0315276	NA	NA	0.0630956	0.0103821	0.0630956	0.0103821	NA	0.6595570

	Means Treated B4	Means Treated M	Means Control B4	Means Control M	Std. Mean Diff. B4	Std. Mean Diff. M	Var. Ratio B4	Var. Ratio M	eCDF Mean B4	eCDF Mean M	eCDF Max B4	eCDF Max M	Std. Pair Dist. B4	Std. Pair Dist. M
LIVE_PETS(1) yes	0.0805893	0.0955150	0.0851329	0.0851329	-0.0162808	0.0372011	NA	NA	0.0045436	0.0103821	0.0045436	0.0103821	NA	0.6056340
SERVICES(1) never	0.1057192	0.0735050	0.0838870	0.0838870	0.0787545	-0.0374508	NA	NA	0.0218322	0.0103821	0.0218322	0.0103821	NA	0.5168216
HAVEKIDS(3) yes, but not at home	0.0805893	0.1287375	0.1187708	0.1187708	-0.1180195	0.0308074	NA	NA	0.0381815	0.0099668	0.0381815	0.0099668	NA	0.6803308
WANTKIDS(0) no	0.1016753	0.1756645	0.1656977	0.1656977	-0.1721915	0.0268062	NA	NA	0.0640223	0.0099668	0.0640223	0.0099668	NA	0.7327021
POLITICS(2) middle of the road	0.3076256	0.2450166	0.2350498	0.2350498	0.1711573	0.0235049	NA	NA	0.0725758	0.0099668	0.0725758	0.0099668	NA	0.8481348
BODY(6) a few extra pounds	0.0387060	0.0764120	0.0664452	0.0664452	-0.1113763	0.0400178	NA	NA	0.0277392	0.0099668	0.0277392	0.0099668	NA	0.5202313
BODY(5) thick	0.0450607	0.1245847	0.1146179	0.1146179	-0.2183489	0.0312869	NA	NA	0.0695573	0.0099668	0.0695573	0.0099668	NA	0.6257388
SERVICES(4) monthly	0.0866551	0.0780731	0.0880399	0.0880399	-0.0048870	-0.0351744	NA	NA	0.0013848	0.0099668	0.0013848	0.0099668	NA	0.5188229
LIVE_PARTY(1) yes	0.0034662	0.0191030	0.0095515	0.0095515	-0.0625647	0.0982019	NA	NA	0.0060853	0.0095515	0.0060853	0.0095515	NA	0.2860663
INCOME(2) $25,000 to $34,999y	0.0421722	0.1108804	0.1200166	0.1200166	-0.2395354	-0.0281131	NA	NA	0.0778445	0.0091362	0.0778445	0.0091362	NA	0.5878187
BODY(4) fit	0.0644136	0.0394518	0.0485880	0.0485880	0.0736056	-0.0424930	NA	NA	0.0158256	0.0091362	0.0158256	0.0091362	NA	0.3978888
OCCUP(11) medical/health services	0.0872328	0.0660299	0.0573090	0.0573090	0.1287423	0.0375203	NA	NA	0.0299238	0.0087209	0.0299238	0.0087209	NA	0.5092047
OCCUP(08) hospitality/travel	0.0150202	0.0269934	0.0186877	0.0186877	-0.0270824	0.0613327	NA	NA	0.0036675	0.0083056	0.0036675	0.0083056	NA	0.3373297
RELIGION(14) Other	0.0375505	0.0747508	0.0830565	0.0830565	-0.1648959	-0.0300965	NA	NA	0.0455059	0.0083056	0.0455059	0.0083056	NA	0.5206688
SERVICES(0) no answer	0.2666089	0.2603821	0.2682724	0.2682724	-0.0037546	-0.0178088	NA	NA	0.0016635	0.0078904	0.0016635	0.0078904	NA	0.8745053
MARSTAT(3) separated	0.0254188	0.0249169	0.0328073	0.0328073	-0.0414775	-0.0442951	NA	NA	0.0073885	0.0078904	0.0073885	0.0078904	NA	0.3054028
OCCUP(14) technical science/engineering	0.0843443	0.0390365	0.0469269	0.0469269	0.1769292	-0.0373098	NA	NA	0.0374174	0.0078904	0.0374174	0.0078904	NA	0.3711344
POLITICS(3) liberal	0.1964183	0.1303987	0.1229236	0.1229236	0.2238306	0.0227656	NA	NA	0.0734947	0.0074751	0.0734947	0.0074751	NA	0.6526148
RELIGION(12) Not religious	0.0332178	0.0203488	0.0274086	0.0274086	0.0355798	-0.0432398	NA	NA	0.0058092	0.0070598	0.0058092	0.0070598	NA	0.2721563
POLITICS(5) not political	0.1129405	0.2018272	0.1951827	0.1951827	-0.2075036	0.0167646	NA	NA	0.0822422	0.0066445	0.0822422	0.0066445	NA	0.7732689
LANG_GERMAN(1) yes	0.0202195	0.0033223	0.0099668	0.0099668	0.1032139	-0.0668900	NA	NA	0.0102527	0.0066445	0.0102527	0.0066445	NA	0.1337800

	Means Treated B4	Means Treated M	Means Control B4	Means Control M	Std. Mean Diff. B4	Std. Mean Diff. M	Var. Ratio B4	Var. Ratio M	eCDF Mean B4	eCDF Mean M	eCDF Max B4	eCDF Max M	Std. Pair Dist. B4	Std. Pair Dist. M
HAVEKIDS(4) no answer	0.0335066	0.0386213	0.0319767	0.0319767	0.0086957	0.0377662	NA	NA	0.0015299	0.0066445	0.0015299	0.0066445	NA	0.3776622
REGION(3) Atlanta, GA	0.2209705	0.2383721	0.2450166	0.2450166	-0.0559085	-0.0154489	NA	NA	0.0240461	0.0066445	0.0240461	0.0066445	NA	0.8400329
LIVE_ALONE(0) no	0.2845176	0.4136213	0.4202658	0.4202658	-0.2750157	-0.0134613	NA	NA	0.1357482	0.0066445	0.1357482	0.0066445	NA	0.9187338
OCCUP(17) other	0.0866551	0.1632060	0.1565615	0.1565615	-0.1923745	0.0182850	NA	NA	0.0699063	0.0066445	0.0699063	0.0066445	NA	0.6994003
REGION(1) New York/New Jersey	0.2952051	0.2026578	0.2084718	0.2084718	0.2135154	-0.0143125	NA	NA	0.0867333	0.0058140	0.0867333	0.0058140	NA	0.8117218
LANG_CHINESE(1) yes	0.0834778	0.0228405	0.0286545	0.0286545	0.3286108	-0.0348488	NA	NA	0.0548233	0.0058140	0.0548233	0.0058140	NA	0.2987044
EMPSTAT(1) part-time	0.0297516	0.0843023	0.0897010	0.0897010	-0.2097946	-0.0188928	NA	NA	0.0599494	0.0053987	0.0599494	0.0053987	NA	0.5246384
BODY(9) no answer	0.0118429	0.0087209	0.0141196	0.0141196	-0.0192970	-0.0457576	NA	NA	0.0022767	0.0053987	0.0022767	0.0053987	NA	0.1795107
BODY(0) slim	0.1213172	0.0942691	0.0996678	0.0996678	0.0722714	-0.0180222	NA	NA	0.0216494	0.0053987	0.0216494	0.0053987	NA	0.6058236
OCCUP(15) transportation	0.0095321	0.0365449	0.0315615	0.0315615	-0.1260051	0.0285043	NA	NA	0.0220294	0.0049834	0.0220294	0.0049834	NA	0.3705557
WANTKIDS(2) not sure	0.2400347	0.2973422	0.2927741	0.2927741	-0.1159017	0.0100390	NA	NA	0.0527394	0.0045681	0.0527394	0.0045681	NA	0.8934717
POLITICS(1) conservative	0.0739457	0.0672757	0.0718439	0.0718439	0.0081394	-0.0176901	NA	NA	0.0021018	0.0045681	0.0021018	0.0045681	NA	0.5130136
BODY(7) large	0.0109763	0.0145349	0.0191030	0.0191030	-0.0593677	-0.0333714	NA	NA	0.0081267	0.0045681	0.0081267	0.0045681	NA	0.2396670
WANTKIDS(3) no answer	0.2021953	0.1673588	0.1715116	0.1715116	0.0813986	-0.0110168	NA	NA	0.0306836	0.0041528	0.0306836	0.0041528	NA	0.7469357
INCOME(5) $75,000 to $99,999	0.0701906	0.0269934	0.0228405	0.0228405	0.3169459	0.0277976	NA	NA	0.0473501	0.0041528	0.0473501	0.0041528	NA	0.3002143
POLITICS(4) very liberal	0.0329289	0.0211794	0.0253322	0.0253322	0.0483460	-0.0264289	NA	NA	0.0075967	0.0041528	0.0075967	0.0041528	NA	0.2960033
LANG_ITALIAN(1) yes	0.0222415	0.0161960	0.0120432	0.0120432	0.0934948	0.0380718	NA	NA	0.0101983	0.0041528	0.0101983	0.0041528	NA	0.2588885
LIVE_PAR(1) yes	0.0427499	0.1341362	0.1378738	0.1378738	-0.2759074	-0.0108408	NA	NA	0.0951239	0.0037375	0.0951239	0.0037375	NA	0.5721513
SERVICES(2) rarely	0.2628538	0.2823920	0.2861296	0.2861296	-0.0515006	-0.0082698	NA	NA	0.0232757	0.0037375	0.0232757	0.0037375	NA	0.8958949
LIVE_ROOM(1) yes	0.1554015	0.1594684	0.1627907	0.1627907	-0.0200154	-0.0089992	NA	NA	0.0073892	0.0033223	0.0073892	0.0033223	NA	0.7536792
EMPSTAT(8) no answer	0.0317735	0.0340532	0.0373754	0.0373754	-0.0295333	-0.0175151	NA	NA	0.0056019	0.0033223	0.0056019	0.0033223	NA	0.3678166
OCCUP(13) sales/marketing	0.0794339	0.0614618	0.0647841	0.0647841	0.0595171	-0.0134972	NA	NA	0.0146498	0.0033223	0.0146498	0.0033223	NA	0.4825247

	Means Treated B4	Means Treated M	Means Control B4	Means Control M	Std. Mean Diff. B4	Std. Mean Diff. M	Var. Ratio B4	Var. Ratio M	eCDF Mean B4	eCDF Mean M	eCDF Max B4	eCDF Max M	Std. Pair Dist. B4	Std. Pair Dist. M
HEIGHT_FT	5.1808203	5.1457641	5.1503322	5.1503322	0.0802308	-0.0120212	1.1141004	0.9221391	0.0076852	0.0030108	0.0287900	0.0078904	NA	0.7136208
OCCUP(18) no answer	0.0745234	0.1245847	0.1274917	0.1274917	-0.1588145	-0.0087160	NA	NA	0.0529683	0.0029070	0.0529683	0.0029070	NA	0.6487173
INCOME(1) less than $24,999	0.0222415	0.0950997	0.0980066	0.0980066	-0.2548239	-0.0097771	NA	NA	0.0757652	0.0029070	0.0757652	0.0029070	NA	0.4679063
EMPSTAT(2) homemaker	0.0025997	0.0045681	0.0074751	0.0074751	-0.0566023	-0.0337491	NA	NA	0.0048754	0.0029070	0.0048754	0.0029070	NA	0.1398179
POLITICS(0) very conservative	0.0063547	0.0132890	0.0107973	0.0107973	-0.0429872	0.0241098	NA	NA	0.0044426	0.0024917	0.0044426	0.0024917	NA	0.2330614
LANG_ENGLISH(0) no	0.0031774	0.0074751	0.0049834	0.0049834	-0.0256477	0.0353848	NA	NA	0.0018060	0.0024917	0.0018060	0.0024917	NA	0.1769242
RELIGION(05) Christian/Protestant	0.0228192	0.0161960	0.0137043	0.0137043	0.0784003	0.0214320	NA	NA	0.0091149	0.0024917	0.0091149	0.0024917	NA	0.2571839
LANG_JAPANESE(1) yes	0.0259965	0.0103821	0.0128738	0.0128738	0.1164091	-0.0221032	NA	NA	0.0131228	0.0024917	0.0131228	0.0024917	NA	0.2062968
OCCUP(07) executive/management	0.0774119	0.0373754	0.0398671	0.0398671	0.1919007	-0.0127357	NA	NA	0.0375448	0.0024917	0.0375448	0.0024917	NA	0.3905605
LANG_ENGLISH(1) yes	0.9968226	0.9925249	0.9950166	0.9950166	0.0256477	-0.0353848	NA	NA	0.0018060	0.0024917	0.0018060	0.0024917	NA	0.1769242
OCCUP(16) food service	0.0017331	0.0137043	0.0157807	0.0157807	-0.1127181	-0.0166611	NA	NA	0.0140476	0.0020764	0.0140476	0.0020764	NA	0.2365878
OCCUP(00) artistic/musical/writer	0.0571924	0.0618771	0.0598007	0.0598007	-0.0110000	0.0087569	NA	NA	0.0026083	0.0020764	0.0026083	0.0020764	NA	0.4851324
INCOME(4) $50,000 to $74,999	0.1282496	0.0901163	0.0921927	0.0921927	0.1246359	-0.0071774	NA	NA	0.0360569	0.0020764	0.0360569	0.0020764	NA	0.5440485
BODY(8) voluptous	0.0170422	0.0311462	0.0328073	0.0328073	-0.0885026	-0.0093253	NA	NA	0.0157651	0.0016611	0.0157651	0.0016611	NA	0.3403726
DRINKING(0) no answer	0.0202195	0.0269934	0.0253322	0.0253322	-0.0325376	0.0105715	NA	NA	0.0051127	0.0016611	0.0051127	0.0016611	NA	0.3224322
OCCUP(12) politics/government/ military	0.0225303	0.0436047	0.0419435	0.0419435	-0.0968432	0.0082866	NA	NA	0.0194132	0.0016611	0.0194132	0.0016611	NA	0.4101859
MARSTAT(2) widowed	0.0086655	0.0124585	0.0107973	0.0107973	-0.0206277	0.0160732	NA	NA	0.0021318	0.0016611	0.0021318	0.0016611	NA	0.2169882
OCCUP(04) construction/craftsman	0.0101098	0.0236711	0.0253322	0.0253322	-0.0968768	-0.0105715	NA	NA	0.0152225	0.0016611	0.0152225	0.0016611	NA	0.2960033

	Means Treated B4	Means Treated M	Means Control B4	Means Control M	Std. Mean Diff. B4	Std. Mean Diff. M	Var. Ratio B4	Var. Ratio M	eCDF Mean B4	eCDF Mean M	eCDF Max B4	eCDF Max M	Std. Pair Dist. B4	Std. Pair Dist. M
RELIGION(02) Buddhist/Taoist	0.0231080	0.0174419	0.0157807	0.0157807	0.0587942	0.0133289	NA	NA	0.0073273	0.0016611	0.0073273	0.0016611	NA	0.2665778
EMPSTAT(7) work at home	0.0037551	0.0041528	0.0058140	0.0058140	-0.0270810	-0.0218491	NA	NA	0.0020589	0.0016611	0.0020589	0.0016611	NA	0.1310947
RELIGION(10) Spiritual but not religious	0.1045638	0.0730897	0.0714286	0.0714286	0.1286610	0.0064500	NA	NA	0.0331353	0.0016611	0.0331353	0.0016611	NA	0.5160002
LANG_FRENCH(1) yes	0.0548816	0.0232558	0.0249169	0.0249169	0.1922386	-0.0106570	NA	NA	0.0299646	0.0016611	0.0299646	0.0016611	NA	0.2930677
BODY(1) slender	0.0615251	0.0448505	0.0436047	0.0436047	0.0877535	0.0061007	NA	NA	0.0179205	0.0012458	0.0179205	0.0012458	NA	0.4250154
OCCUP(06) entertainment/media	0.0580589	0.0431894	0.0444352	0.0444352	0.0661153	-0.0060460	NA	NA	0.0136237	0.0012458	0.0136237	0.0012458	NA	0.4050847
LANG_RUSSIAN(1) yes	0.0098209	0.0078904	0.0066445	0.0066445	0.0390976	0.0153349	NA	NA	0.0031764	0.0012458	0.0031764	0.0012458	NA	0.1789071
EMPSTAT(3) retired	0.0014443	0.0033223	0.0020764	0.0020764	-0.0138874	0.0273690	NA	NA	0.0006322	0.0012458	0.0006322	0.0012458	NA	0.1185991
RELIGION(04) Christian/LDS	0.0008666	0.0004153	0.0016611	0.0016611	-0.0195117	-0.0305931	NA	NA	0.0007946	0.0012458	0.0007946	0.0012458	NA	0.0509886
LANG_ARABIC(1) yes	0.0023108	0.0053987	0.0041528	0.0041528	-0.0286435	0.0193730	NA	NA	0.0018420	0.0012458	0.0018420	0.0012458	NA	0.1485263
LANG_HINDI(1) yes	0.0127094	0.0049834	0.0037375	0.0037375	0.1470291	0.0204167	NA	NA	0.0089719	0.0012458	0.0089719	0.0012458	NA	0.1429167
SMOKING(0) no answer	0.0346620	0.0427741	0.0440199	0.0440199	-0.0456172	-0.0060732	NA	NA	0.0093579	0.0012458	0.0093579	0.0012458	NA	0.4028538
LANG_SPANISH(1) yes	0.1707106	0.2333887	0.2346346	0.2346346	-0.1508459	-0.0029399	NA	NA	0.0639240	0.0012458	0.0639240	0.0012458	NA	0.8339551
DRINKING(3) often	0.0049105	0.0083056	0.0091362	0.0091362	-0.0444134	-0.0087294	NA	NA	0.0042258	0.0008306	0.0042258	0.0008306	NA	0.1833170
EMPSTAT(6) unemployed	0.0025997	0.0083056	0.0091362	0.0091362	-0.0687004	-0.0087294	NA	NA	0.0065366	0.0008306	0.0065366	0.0008306	NA	0.1833170
RELIGION(09) Islam	0.0072213	0.0058140	0.0049834	0.0049834	0.0317803	0.0117949	NA	NA	0.0022379	0.0008306	0.0022379	0.0008306	NA	0.1533343
LANG_HEBREW(1) yes	0.0011554	0.0012458	0.0020764	0.0020764	-0.0202329	-0.0182460	NA	NA	0.0009210	0.0008306	0.0009210	0.0008306	NA	0.0729841
LANG_URDU(1) yes	0.0077990	0.0024917	0.0033223	0.0033223	0.0777972	-0.0144338	NA	NA	0.0044767	0.0008306	0.0044767	0.0008306	NA	0.0866025
RELIGION(07) Hindu	0.0066436	0.0000000	0.0008306	0.0008306	0.2017872	-0.0288315	NA	NA	0.0058130	0.0008306	0.0058130	0.0008306	NA	0.0288315
LANG_DUTCH(1) yes	0.0023108	0.0016611	0.0008306	0.0008306	0.0513837	0.0288315	NA	NA	0.0014802	0.0008306	0.0014802	0.0008306	NA	0.0864945
INCOME(6) $100,000 to $149,999	0.0450607	0.0070598	0.0078904	0.0078904	0.4201144	-0.0093874	NA	NA	0.0371703	0.0008306	0.0371703	0.0008306	NA	0.1595857

	Means Treated B4	Means Treated M	Means Control B4	Means Control M	Std. Mean Diff. B4	Std. Mean Diff. M	Var. Ratio B4	Var. Ratio M	eCDF Mean B4	eCDF Mean M	eCDF Max B4	eCDF Max M	Std. Pair Dist. B4	Std. Pair Dist. M
HAVEKIDS(2) yes, at home part-time	0.0291739	0.0440199	0.0431894	0.0431894	-0.0689456	0.0040858	NA	NA	0.0140155	0.0008306	0.0140155	0.0008306	NA	0.3963180
RELIGION(06) Christian/Other	0.0161756	0.0203488	0.0211794	0.0211794	-0.0347528	-0.0057685	NA	NA	0.0050038	0.0008306	0.0050038	0.0008306	NA	0.2595838
distance	0.7226382	0.3999025	0.3998113	0.3998113	1.3009268	0.0003676	0.7505352	1.0011109	0.3311568	0.0004618	0.5102950	0.0124585	NA	0.0022948
ETHNICITY(4) Hispanic/Latino	0.1770653	0.3625415	0.3629568	0.3629568	-0.3865874	-0.0008636	NA	NA	0.1858915	0.0004153	0.1858915	0.0004153	NA	0.8990469
SERVICES(3) only on holidays	0.0973426	0.0809801	0.0813953	0.0813953	0.0583205	-0.0015187	NA	NA	0.0159472	0.0004153	0.0159472	0.0004153	NA	0.5604099
LANG_TAGALOG(1) yes	0.0352397	0.0141196	0.0137043	0.0137043	0.1852342	0.0035720	NA	NA	0.0215354	0.0004153	0.0215354	0.0004153	NA	0.2321799
INCOME(7) $150,000+	0.0447718	0.0070598	0.0074751	0.0074751	0.4330041	-0.0048213	NA	NA	0.0372967	0.0004153	0.0372967	0.0004153	NA	0.1687457
RELIGION(01) Atheist	0.0077990	0.0033223	0.0029070	0.0029070	0.0908649	0.0077136	NA	NA	0.0048920	0.0004153	0.0048920	0.0004153	NA	0.1157034
RELIGION(13) Scientology	0.0002889	0.0000000	0.0004153	0.0004153	-0.0062055	-0.0203827	NA	NA	0.0001264	0.0004153	0.0001264	0.0004153	NA	0.0203827
OCCUP(09) legal services	0.0314847	0.0182724	0.0178571	0.0178571	0.1029021	0.0031358	NA	NA	0.0136275	0.0004153	0.0136275	0.0004153	NA	0.2665441
OCCUP(10) manufacturing/distributions	0.0089544	0.0174419	0.0178571	0.0178571	-0.0672252	-0.0031358	NA	NA	0.0089028	0.0004153	0.0089028	0.0004153	NA	0.2602725
SERVICES(6) more than once a week	0.0233969	0.0294850	0.0290698	0.0290698	-0.0337668	0.0024719	NA	NA	0.0056729	0.0004153	0.0056729	0.0004153	NA	0.3435924
REGION(2) Chicago, IL	0.2515887	0.2699336	0.2695183	0.2695183	-0.0404084	0.0009359	NA	NA	0.0179296	0.0004153	0.0179296	0.0004153	NA	0.9293814
RELIGION(08) Jewish	0.0199307	0.0058140	0.0058140	0.0058140	0.1856796	0.0000000	NA	NA	0.0141167	0.0000000	0.0141167	0.0000000	NA	0.0107973
RELIGION(15) no answer	0.1938186	0.1964286	0.1964286	0.1964286	-0.0065693	0.0000000	NA	NA	0.0026100	0.0000000	0.0026100	0.0000000	NA	0.3164452
LANG_PORTUGUESE(1) yes	0.0147314	0.0058140	0.0058140	0.0058140	0.1172923	0.0000000	NA	NA	0.0089174	0.0000000	0.0089174	0.0000000	NA	0.0116279

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