Table 1: Results from CART synthesis. 95% CI in parentheses.

Estimand	Original Data	Synthetic Data (CART)
Mean Education Married Black Women	39.2 (38.8, 39.6)	39.0 (38.6, 39.5)
Regression of log(Income) on		
Intercept	4.9 (4.6, 5.1)	4.8 (4.6, 5.1)
Black	-.19 (-.24, -.14)	-.20 (-.26, -.15)
Native American	-.36 (-.53, -.19)	-.34 (-.53, -.15)
Asian	-.06 (-.17, .04)	-.15 (-.27, -.04)
Female	-.02 (-.07, .02)	-.01 (-.06, .04)
Married, Spouse Not Present	.05 (-.14, .23)	-.05 (-.28, .17)
Widowed	.04 (-.07, .15)	.05 (-.08, .18)
Divorced	-.19 (-.26, -.11)	-.24 (-.32, -.16)
Separated	-.32 (-.49, -.16)	-.23 (-.40, -.07)
Single	-.17 (-.23, -.10)	-.16 (-.24, -.08)
Education	.11 (.11, .12)	.11 (.11, .12)
Age	.04 (.04, .05)	.04 (.04, .05)
Age^2 x 10^(-3)	-.42 (-.47, -.37)	-.42 (-.48, -.37)
Household Size > 1	.49 (.45, .54)	.50 (.45, .54)
Property Tax x 10^(-4)	.41 (.35, .47)	.41 (.35, .48)
Black and Married Spouse Not Present	-.61(-.89, -.34)	-.39 (-.72, -.05)
Black and Widowed	-.34 (-.46, -.23)	-.37 (-.50, -.23)
Black and Divorced	-.29 (-39, -.20)	-.22 (-.33, -.11)
Black and Separated	-.38 (-.58, -.18)	-.45 (-.67, -.02)
Black and Single	-.28 (-.37, -.20)	-.24 (-.33, -.15)
Regression of square root social security on		
Intercept	79.2 (71.4, 87.1)	70.8 (70.7, 86.8)
Black	-4.7 (-7.4, -2.0)	-6.8 (-9.8, -3.8)
Native American	-20.3 (-30.0, -10.6)	-12.8 (-27.6, 2.1)
Asian	-21.2 (-30.6, -11.7)	-15.8 (-30.1, -1.5)
Female	-13.6 (-15.3, -11.6)	-12.6 (-14.7, -10.5)
Widowed	8.3 (6.3, 10.4)	7.2 (5.1, 9.3)
Divorced	-.57 (-3.4, 2.3)	-.77 (-4.3, 2.8)
Single	-2.3 (-6.0, 1.4)	-.91 (-5.6, 3.8)
High School Degree	6.0 (4.1, 7.9)	5.9 (4.0, 7.9)
Some College Education	6.6 (4.4, 8.8)	6.5 (4.2, 8.7)
Completed Four Years of College	8.6 (5.6, 11.6)	7.9 (4.9, 11.0)
More than Four Years of College	10.7 (7.1, 14.4)	10.6 (6.8, 14.3)
Age	.22 (.11, .32)	.23 (.12, .34)
Regression of square root child support on		
Intercept	-105.0 (-164.0, -46.0)	-97.5 (-156.8, -38.2)
Non-white	-9.6 (-18.5, -.62)	-5.9 (-15.0, 3.1)
Female	14.8 (2.8, 26.8)	8.6 (-3.1, 20.4)
Education	3.7 (2.3, 5.1)	3.7 (2.2, 5.1)
Number in house younger than 18 years	1.1 (-2.1, 4.4)	.57 (-2.7, 3.8)

Notes: Income regression uses only people with positive incomes. Social security regression uses only people with positive social security and age greater than 54. Child support regression uses only people with positive child support payments.

Table 2: Results from random forest synthesis. 95% CI in parentheses.

Estimand	Original Data	Synthetic Data (RF)
Mean Education Married Black Women	39.2 (38.8, 39.6)	39.3 (38.8, 39.8)
Regression of log(Income) on		
Intercept	4.9 (4.6, 5.1)	5.0 (4.7, 5.3)
Black	-.19 (-.24, -.14)	-.21 (-.27, -.16)
Native American	-.36 (-.53, -.19)	-.36 (-.61, -.16)
Asian	-.06 (-.17, .04)	-.08 (-.23, .07)
Female	-.02 (-.07, .02)	-.02 (-.07, .03)
Married, Spouse Not Present	.05 (-.14, .23)	-.24 (-.50, .03)
Widowed	.04 (-.07, .15)	-.09 (-.23, .06)
Divorced	-.19 (-.26, -.11)	-.25 (-.33, -.16)
Separated	-.32 (-.49, -.16)	-.43 (-.72, -.15)
Single	-.17 (-.23, -.1)	-.19 (-.26, -.11)
Education	.11 (.11, .12)	.11 (.11, .12)
Age	.04 (.04, .05)	.04 (.03, .04)
Age^2 x 10^(-3)	-.42 (-.47, -.37)	-.39 (-.44, -.34)
Household Size > 1	.49 (.45, .54)	.46 (.41, .51)
Property Tax x 10^(-4)	.41 (.35, .47)	.42 (.36, .48)
Black and Married Spouse Not Present	-.61(-.89, -.34)	-.27 (-.65, .12)
Black and Widowed	-.34 (-.46, -.23)	-.29 (-.44, -.15)
Black and Divorced	-.29 (-39, -.20)	-.24 (-.35, -.14)
Black and Separated	-.38 (-.58, -.18)	-.30 (-.60, .00)
Black and Single	-.28 (-.37, -.20)	-.30 (-.40, -.19)
Regression of square root social security on		
Intercept	79.2 (71.4, 87.1)	75.8 (67.8, 83.7)
Black	-4.7 (-7.4, -2.0)	-4.5 (-7.7, -1.4)
Native American	-20.3 (-30.0, -10.6)	-13.8 (-25.4, 2.2)
Asian	-21.2 (-30.6, -11.7)	-17.4 (-27.8, -6.9)
Female	-13.6 (-15.3, -11.6)	-13.3 (-15.4, -11.3)
Widowed	8.3 (6.3, 10.4)	7.7 (5.5, 9.8)
Divorced	-.57 (-3.4, 2.3)	-.29 (-3.4, 2.8)
Single	-2.3 (-6.0, 1.4)	-.77 (-4.8, 3.2)
High School Degree	6.0 (4.1, 7.9)	5.7 (3.8, 7.6)
Some College Education	6.6 (4.4, 8.8)	6.37 (4.1, 8.6)
Completed Four Years of College	8.6 (5.6, 11.6)	7.6 (4.6, 10.7)
More than Four Years of College	10.8 (7.1, 14.4)	10.0 (6.3, 13.7)
Age	.22 (.11, .32)	.27 (.16, .37)
Regression of square root child support on		
Intercept	-105.0 (-164.0,-46.0)	-102.6 (-161.7, -43.4)
Non-white	-9.6 (-18.5, -.62)	-7.1 (-16.1, 1.9)
Female	14.8 (2.8, 26.8)	12.2 (-.21, 24.7)
Education	3.7 (2.3, 5.1)	3.71 (2.3, 5.1)
Number in house younger than 18 years	1.1 (-2.1, 4.4)	.95 (-2.3, 4.2)

Notes: Income regression uses only people with positive incomes. Social security regression uses only people with positive social security and age greater than 54. Child support regression uses only people with positive child support payments.

Estimand	Original Data	Forest	CART
Mean Income Married Black Women	39.2	**39.2**	39.0
Regression 1			
Intercept	4.9	5.0	**4.9**
Black	-.19	**-.21**	-.22
Native American	-.36	-.31	**-.32**
Asian	-.06	**-.06**	-.09
Female	-.02	-.27	**-.02**
Married, Spouse Not Present	.05	-.15	**-.07**
Widowed	.04	-.06	**.04**
Divorced	-.19	-.25	**-.21**
Separated	-.32	**-.35**	-.26
Single	-.17	-.20	**-.16**
Education	.11	.11	.11
Age	.04	.04	.04
Age^2 x 10^(-3)	-.42	-.40	**-.41**
Household Size>1	.49	.46	**.50**
Property Tax x 10^(-4)	.41	.42	**.41**
Black and Married Spouse Not Present	-.61	-.36	**-.42**
Black and Widowed	-.34	-.31	**-.34**
Black and Divorced	-.29	-.24	-.24
Black and Separated	-.38	**-.38**	-.41
Black and Single	-.28	-.26	**-.28**
Regression of square root social security on			
Intercept	79.2	77.0	**79.2**
Black	-4.7	**-4.7**	-6.2
Native American	-20.3	**-15.1**	-14.7
Asian	-21.2	**-15.6**	-14.3
Female	-13.6	**-13.2**	-12.1
Widowed	8.3	**8.0**	7.4
Divorced	-.57	**-.60**	-1.2
Single	-2.3	**-2.0**	-2.7
High School Degree	6.0	5.6	**6.0**
Some College Education	6.6	6.3	**6.5**
Completed Four Years of College	8.6	7.7	**8.1**
More than Four Years of College	10.8	10.3	**10.7**
Age	.22	.25	**.22**
Regression of square root child support on			
Intercept	-105.0	**-104.3**	-97.8
Non-white	-9.6	-5.0	**-6.4**
Female	14.8	**13.5**	8.4
Education	3.7	3.7	3.7
Number in house younger than 18 years	1.1	**.78**	.73

Table 3: Average of point estimates from ten runs. Smaller deviation from observed data in bold.