Saving Lives at Birth:
The Impact of Home Births on Infant Outcomes

Online Appendix

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(a) 7-day mortality

(b) 28-day mortality

(c) Apgar score

FIGURE A1. RISK-ADJUSTED NEWBORN HEALTH OUTCOMES BY DISTANCE TO THE NEAREST HOSPITAL

TABLE A1—OLS ESTIMATION OF THE EFFECTS OF HOSPITAL BIRTHS ON INFANT OUTCOMES

	(1)	(2)	(3)	(4)	(5)
<i>Panel A. Dependent Variable: 7-Day Mortality (per 1,000; N=356,412)</i>					
Hospital	1.726*** (0.129)	1.721*** (0.131)	1.644*** (0.133)	−0.003 (0.155)	−0.001 (0.155)
<i>Panel B. Dependent Variable: 28-Day Mortality (per 1,000; N=356,412)</i>					
Hospital	1.853*** (0.135)	1.835*** (0.137)	1.754*** (0.141)	−0.074 (0.163)	−0.072 (0.163)
<i>Panel C. Dependent Variable: Apgar Score (N=355,761)</i>					
Hospital	−0.233*** (0.003)	−0.228*** (0.003)	−0.231*** (0.003)	−0.061*** (0.004)	−0.061*** (0.004)
Time Effects		X	X	X	X
Mother's Characteristics			X	X	X
Infant Characteristics				X	X
Average Household Income					X

Notes: Each cell represents the estimated effect of a hospital birth on the health outcome indicated in the panel. Time effects include indicators for year, month and day-of-week of birth. Mother's characteristics include indicators for maternal age and ethnicity groups. Infant characteristics include gestational age, a third degree polynomial in birth weight and indicators for male, multiple birth, obstetrician supervision and breech birth. Average household income refers to the average income in the postal code of mother's residence. For more information, see section III. Robust standard errors clustered at the postal code level are shown in parentheses.

*** Significant at the 1 percent level.

** Significant at the 5 percent level.

* Significant at the 10 percent level.

TABLE A2—HOSPITAL BIRTH AND INFANT OUTCOMES – PROBIT MODELS

	(1)	(2)	(3)	(4)	(5)
<i>Panel A. Dependent Variable: 7-Day Mortality</i>					
Hospital	0.002284*** (0.000234)	0.002266*** (0.000234)	0.002195*** (0.000235)	0.000300 (0.000234)	0.000302 (0.000233)
Observations	356,412	356,412	356,331	356,331	356,331
<i>Panel B. Dependent Variable: 28-Day Mortality</i>					
Hospital	0.002409*** (0.000237)	0.002371*** (0.000236)	0.002298*** (0.000239)	0.000240 (0.000244)	0.000242 (0.000244)
Observations	356,412	356,412	356,331	356,331	356,331
Time Effects		X	X	X	X
Mother's Char.			X	X	X
Infant Char.				X	X
Avg. HH Income					X

Notes: Each cell presents the average marginal effect of a hospital birth from a different regression and corresponds to the effects in Table A1 divided by 1,000. Time effects include indicators for year, month and day-of-week of birth. Mother's characteristics include indicators for maternal age and ethnicity groups. Infant characteristics include gestational age, a third degree polynomial in birth weight and indicators for male, multiple birth, obstetrician supervision and breech birth. Average household income refers to the average income in the postal code of mother's residence. For more information, see section III. Robust standard errors clustered at the postal code level are shown in parentheses.

*** Significant at the 1 percent level.

** Significant at the 5 percent level.

* Significant at the 10 percent level.

TABLE A3—DISTANCE AND TYPE OF LOCATION OF BIRTH – FIRST STAGE ESTIMATES

	(1)	(2)	(3)	(4)	(5)
<i>Panel A. Dependent Variable: Hospital</i>					
Distance: < 1 km	0.127*** (0.011)	0.128*** (0.011)	0.087*** (0.010)	0.075*** (0.009)	0.075*** (0.009)
Distance: 1–2 km	0.124*** (0.009)	0.125*** (0.009)	0.082*** (0.009)	0.074*** (0.008)	0.073*** (0.008)
Distance: 2–4 km	0.100*** (0.009)	0.100*** (0.008)	0.071*** (0.008)	0.060*** (0.007)	0.060*** (0.007)
Distance: 4–7 km	0.053*** (0.009)	0.055*** (0.008)	0.047*** (0.008)	0.037*** (0.007)	0.037*** (0.007)
Distance: 7–11 km	0.032*** (0.010)	0.036*** (0.009)	0.033*** (0.009)	0.030*** (0.008)	0.030*** (0.008)
F-statistic	62.051	64.510	28.002	27.966	27.979
Observations	356,412	356,412	356,412	356,412	356,412
Time Effects		X	X	X	X
Mother's Char.			X	X	X
Infant Char.				X	X
Average HH Income					X

Notes: Each column lists estimates from separate regressions of the main independent variable (an indicator for a hospital birth) on the instrument. The excluded distance category comprises postal codes at least 11 km away from an obstetric ward. Time effects include indicators for year, month and day-of-week of birth. Mother's characteristics include indicators for maternal age and ethnicity groups. Infant characteristics include gestational age, a third degree polynomial in birth weight and indicators for male, multiple birth, obstetrician supervision and breech birth. Average household income refers to the average income in the postal code of mother's residence. For more information, see section III. The F-statistic refers to the test of joint significance of the distance indicators. Robust standard errors clustered at the postal code level are shown in parentheses.

*** Significant at the 1 percent level.

** Significant at the 5 percent level.

* Significant at the 10 percent level.

TABLE A4—DISTANCE AND INFANT OUTCOMES – REDUCED FORM ESTIMATES

	(1)	(2)	(3)	(4)	(5)
<i>Panel A. A. Dependent Variable: 7-Day Mortality (per 1,000)</i>					
Distance: < 1 km	−0.286 (0.342)	−0.290 (0.342)	−0.492 (0.344)	−0.725** (0.324)	−0.701** (0.324)
Distance: 1–2 km	−0.501* (0.288)	−0.505* (0.288)	−0.718** (0.292)	−0.724** (0.282)	−0.702** (0.282)
Distance: 2–4 km	−0.459 (0.289)	−0.466 (0.289)	−0.607** (0.288)	−0.592** (0.276)	−0.554** (0.276)
Distance: 4–7 km	−0.317 (0.295)	−0.323 (0.295)	−0.366 (0.296)	−0.383 (0.286)	−0.330 (0.286)
Distance: 7–11 km	−0.574* (0.301)	−0.578* (0.301)	−0.594** (0.302)	−0.572* (0.294)	−0.548* (0.294)
<i>Panel A. B. Dependent Variable: 28-Day Mortality (per 1,000)</i>					
Distance: < 1 km	−0.403 (0.365)	−0.405 (0.365)	−0.620* (0.368)	−0.873** (0.341)	−0.853** (0.341)
Distance: 1–2 km	−0.550* (0.311)	−0.552* (0.311)	−0.779** (0.315)	−0.789*** (0.299)	−0.770*** (0.299)
Distance: 2–4 km	−0.608* (0.311)	−0.613** (0.311)	−0.762** (0.310)	−0.751** (0.293)	−0.718** (0.293)
Distance: 4–7 km	−0.474 (0.315)	−0.478 (0.316)	−0.524* (0.316)	−0.545* (0.301)	−0.500* (0.301)
Distance: 7–11 km	−0.650** (0.325)	−0.652** (0.325)	−0.669** (0.326)	−0.649** (0.309)	−0.629** (0.309)
<i>Panel A. C. Dependent Variable: Apgar Score</i>					
Distance: < 1 km	0.006 (0.009)	0.006 (0.009)	0.006 (0.009)	0.013 (0.009)	0.020** (0.009)
Distance: 1–2 km	−0.014* (0.008)	−0.014* (0.008)	−0.014* (0.008)	−0.007 (0.008)	−0.003 (0.008)
Distance: 2–4 km	−0.003 (0.007)	−0.003 (0.007)	−0.003 (0.007)	0.001 (0.007)	0.006 (0.007)
Distance: 4–7 km	−0.002 (0.008)	−0.002 (0.008)	−0.002 (0.008)	−0.001 (0.008)	0.004 (0.008)
Distance: 7–11 km	0.014* (0.008)	0.014* (0.008)	0.014* (0.008)	0.015* (0.008)	0.016** (0.008)
Time Effects		X	X	X	X
Mother's Characteristics			X	X	X
Infant Characteristics				X	X
Average Household Income					X

Notes: Each column lists estimates from separate regressions of the outcome variable indicated in the panel on the instrument. The excluded distance category comprises postal codes at least 11 km away from an obstetric ward. Time effects include indicators for year, month and day-of-week of birth. Mother's characteristics include indicators for maternal age and ethnicity groups. Infant characteristics include gestational age, a third degree polynomial in birth weight and indicators for male, multiple birth, obstetrician supervision and breech birth. Average household income refers to the average income in the postal code of mother's residence. For more information, see section III. Robust standard errors clustered at the postal code level are shown in parentheses.

*** Significant at the 1 percent level.

** Significant at the 5 percent level.

* Significant at the 10 percent level.

TABLE A5—DISTANCE AND INFANT OUTCOMES – REDUCED FORM ESTIMATES, PROBIT MODELS

	7-Day Mortality (1)	28-Day Mortality (2)
Distance: < 1 km	−0.000896*** (0.000320)	−0.000988*** (0.000335)
Distance: 1–2 km	−0.000777*** (0.000288)	−0.000804*** (0.000302)
Distance: 2–4 km	−0.000703** (0.000283)	−0.000799*** (0.000296)
Distance: 4–7 km	−0.000502* (0.000295)	−0.000627** (0.000307)
Distance: 7–11 km	−0.000690** (0.000302)	−0.000787** (0.000311)
Observations	356,331	356,331

Notes: Each column represents a different regression. The dependent variable is the probability of death in the first 7 days (column 1) or 28 days (column 2) after birth. All specifications include our baseline set of controls. Each cell presents the average marginal effect of the corresponding variable and corresponds to the effects in Table A4 divided by 1,000. The excluded distance category comprises postal codes at least 11 km away from an obstetric ward. Robust standard errors clustered at the postal code level in parentheses.

*** Significant at the 1 percent level.

** Significant at the 5 percent level.

* Significant at the 10 percent level.

TABLE A6—AVERAGE OBSERVABLE CHARACTERISTICS BY DISTANCE TO THE NEAREST HOSPITAL

	Distance to the nearest hospital					
	< 1km (1)	1–2 km (2)	2–4 km (3)	4–7 km (4)	7–11 km (5)	≥ 11 km (6)
<i>Panel A. Mother's Characteristics</i>						
Age	28.287	28.255	28.275	28.635*	28.560	28.253
Ethnicity: Dutch	0.739	0.728	0.794***	0.897***	0.923***	0.933***
Ethnicity: Mediterranean	0.105	0.114	0.073**	0.031***	0.023***	0.022***
<i>Panel B. Infant Characteristics</i>						
Boy	0.509	0.509	0.508	0.510	0.507	0.508
Birth weight	3,400	3,400	3,404	3,424***	3,425***	3,437***
Gestational Age (days)	278.84	279.02*	278.83	278.79	278.80	278.82
Obstetrician Supervision	0.493	0.487	0.490	0.482*	0.467***	0.463***
Multiple Birth	0.00058	0.00070	0.00046	0.00047	0.00049	0.00046
Breech Birth	0.010	0.009	0.010	0.012***	0.012**	0.012**
<i>Panel C. Average Postal Code Characteristics</i>						
Monthly HH Income (euro)	1,943	1,935	1,997	2,057*	1,970	1,892
Density	3,338	3,532	1,957***	1,110***	746***	660***
Percent 0–15 years old	16.116	16.578	19.056***	20.453***	20.072***	20.067***
<i>Panel D. Predicted Outcomes</i>						
Predicted 7-Day Mortality	2.205	1.799***	1.780***	1.759***	1.671***	1.652***
Predicted 28-Day Mortality	2.429	2.003***	1.981***	1.955***	1.868***	1.843***
Predicted Apgar Score	9.652	9.655	9.658***	9.663***	9.665***	9.664***
Observations	32,887	80,193	86,430	70,619	49,446	36,837

Notes: For a description of the variables, see section III. Stars indicate significance of *t*-tests for the equality of means with distance category “< 1km”.

*** Significant at the 1 percent level.

** Significant at the 5 percent level.

* Significant at the 10 percent level.

TABLE A7—AVERAGE OBSERVABLE CHARACTERISTICS BY DISTANCE AND LOCATION OF BIRTH

	Hospital Birth												Home Birth					
	< 1 km (1)	1–2 km (2)	2–4 km (3)	4–7 km (4)	7–11 km (5)	≥ 11 km (6)	< 1 km (7)	1–2 km (8)	2–4 km (9)	4–7 km (10)	7–11 km (11)	≥ 11 km (12)						
<i>Panel A. Mother's Characteristics</i>																		
Age	28.136	28.077**	28.177*	28.685**	28.666**	28.425	28.685***	28.720***	28.504***	28.541***	28.377***	27.997						
Dutch	0.694***	0.681***	0.752***	0.870***	0.900	0.913	0.856***	0.851***	0.891***	0.949***	0.962	0.963						
Mediterranean	0.124***	0.136***	0.090***	0.041***	0.031	0.028	0.055***	0.055***	0.034***	0.013	0.009	0.013						
<i>Panel B. Infant Characteristics</i>																		
Boy	0.517	0.519	0.516	0.521	0.520	0.519	0.488	0.483	0.490	0.490	0.484	0.491						
Birth weight	3,399***	3,399***	3,405***	3,430***	3,435***	3,447	3,402***	3,404***	3,400***	3,413*	3,406***	3,423						
Gestational Age	279	279**	279	279	279	279	279	279	279*	279	279*	279						
OB/GYN Supervision	0.680***	0.674***	0.701***	0.740***	0.741***	—	—	—	—	—	—	—						
Multiple Birth	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000						
Breech Birth	0.013***	0.012***	0.014***	0.018	0.018	0.019	0.001	0.000	0.001	0.001	0.001	0.001						
<i>Panel C. Average Postal Code Characteristics</i>																		
Avg. HH Income	1,934	1,927	1,989***	2,055***	1,971***	1,891	1,967**	1,958***	2,017***	2,061***	1,968***	1,892						
Density	3,387***	3,539***	1,979***	1,132***	765***	650	3,209***	3,513***	1,907***	1,067***	714	675						
Percent 0–15 y.o.	16.069***	16.670***	19.011***	20.336	19.924	19.884	16.242***	16.340***	19.160***	20.673	20.326	20.340						
<i>Panel D. Predicted Outcomes</i>																		
7-Day Mortality	2.744	2.257	2.248	2.315	2.265	2.352	0.817	0.640	0.675	0.643	0.667	0.677						
28-Day Mortality	3.014	2.505	2.493	2.563	2.524	2.607	0.921	0.728	0.772	0.743	0.758	0.773						
Apgar Score	9.599***	9.602***	9.599***	9.591***	9.587***	9.577	9.793	9.793	9.796	9.798**	9.798**	9.794						
Observations	23,859	57,942	60,413	46,039	31,202	22,064	9,028	22,251	26,017	24,580	18,244	14,773						

Notes: For a description of the variables, see section III. Stars indicate significance of t -tests for the equality of means with distance category “≥ 11km”.

*** Significant at the 1 percent level.

** Significant at the 5 percent level.

* Significant at the 10 percent level.

TABLE A8—ROBUSTNESS CHECKS

	7-Day Mortality (1)	28-Day Mortality (2)	Apgar Score (3)
<i>Panel A. Alternative Samples</i>			
Adding Congenital Anomalies	−8.474*** (3.282)	−9.489*** (3.460)	−0.033 (0.088)
Observations	360,817	360,817	360,151
Mean of dependent variable	1.918	2.123	9.658
Adding Stillbirths	−10.862*** (3.791)	−11.742*** (3.905)	0.010 (0.090)
Observations	356,817	356,817	356,166
Mean of dependent variable	2.912	3.111	9.649
All Low-Risk Births	−3.650** (1.483)	−4.369*** (1.567)	0.005 (0.061)
Observations	788,294	788,294	787,010
Mean of dependent variable	1.348	1.483	9.723
All Births	−5.253* (3.161)	−5.971* (3.245)	0.012 (0.116)
Observations	1,478,187	1,478,187	1,476,118
Mean of dependent variable	3.930	4.291	9.618
<i>Panel B. Reclassifying Referral Patients</i>			
As home births	−9.098*** (3.450)	−9.886*** (3.658)	−0.073 (0.098)
Observations	356,412	356,412	355,761
Mean of dependent variable	1.779	1.978	9.660
According to planned location	−3.965** (1.555)	−4.486*** (1.648)	−0.049 (0.044)
Observations	356,412	356,412	355,761
Mean of dependent variable	1.779	1.978	9.660
<i>Panel C. Car Ownership</i>			
Car ownership < median	−7.698** (3.543)	−9.050** (3.827)	0.113 (0.099)
Observations	263,854	263,854	263,359
Mean of dependent variable	1.781	1.994	1.934
Car ownership > median	−6.407 (6.944)	−8.780 (7.145)	−0.296 (0.214)
Observations	92,558	92,558	92,402
Mean of dependent variable	1.772	9.658	9.665

TABLE A8—ROBUSTNESS CHECKS (CONT'D)

	7-Day Mortality (1)	28-Day Mortality (2)	Apgar Score (3)
<i>Panel D. Additional Controls</i>			
Postal Code Characteristics	−6.364 (3.917)	−7.890* (4.138)	−0.046 (0.115)
Observations	356,412	356,412	355,761
Mean of dependent variable	1.779	1.978	9.660
Prematurity and late term	−8.729*** (3.164)	−9.670*** (3.366)	0.837 (0.765)
Observations	356,412	356,412	355,761
Mean of dependent variable	1.779	1.978	9.660
<i>Panel E. Alternative Definitions of the Instrument</i>			
Continuous straight-line distance	−7.999** (3.308)	−9.284*** (3.555)	−0.004 (0.088)
Observations	356,412	356,412	355,761
Mean dependent variable	1.779	1.978	9.660
Driving distance categories	−6.343** (3.132)	−6.910** (3.304)	−0.029 (0.088)
Observations	356,411	356,411	355,760
Mean dependent variable	1.779	1.978	9.660
<i>Panel F. Clustering Standard Errors at Different Levels</i>			
Municipality	−8.287** (4.013)	−9.219** (4.365)	−0.018 (0.157)
Observations	356,412	356,412	355,761
Mean dependent variable	1.779	1.978	9.660
Distance category	−8.287** (1.788)	−9.219** (2.128)	−0.018 (0.134)
Wild bootstrap p-value	0.044	0.028	0.900
Observations	356,412	356,412	355,761
Mean dependent variable	1.779	1.978	9.660
<i>Panel G. Limited Information</i>			
<i>Maximum Likelihood</i>	−8.297*** (3.161)	−9.229*** (3.357)	−0.017 (0.090)
Observations	356,412	356,412	355,761
Mean dependent variable	1.779	1.978	9.660

Notes: Each cell represents the effect of hospital birth on the health outcome listed in the column from an IV specification that includes our baseline set of controls. For a description of the robustness checks in each Panel, see section IV.C. In Panel E, we lose one observation on an island unconnected to the mainland when driving distance is used to construct the instrument. Robust standard errors clustered at the postal code level are shown in parentheses except in Panel F. Wild bootstrap p-values from 500 replications.

*** Significant at the 1 percent level.

** Significant at the 5 percent level.

* Significant at the 10 percent level.

TABLE A9—HETEROGENEOUS RESULTS

	7-Day Mortality (1)	28-Day Mortality (2)	Apgar Score (3)
<i>Panel A. Mother's ethnicity</i>			
Dutch	−8.219** (3.412)	−9.336** (3.648)	0.003 (0.093)
Observations	294,671	294,671	294,099
Mean of dependent variable	1.676	1.870	9.663
Non-Dutch	−12.866 (12.069)	−10.986 (12.081)	−0.185 (0.233)
Observations	61,741	61,741	61,662
Mean of dependent variable	2.268	2.494	9.643
<i>Panel B. Mother's age</i>			
Younger than median (29 years)	−8.210*** (2.837)	−8.619*** (3.003)	−0.001 (0.080)
Observations	207,598	207,598	207,217
Mean of dependent variable	1.652	1.845	9.668
Older than median (29 years)	−9.618 (10.534)	−12.546 (10.993)	−0.107 (0.214)
Observations	148,814	148,814	148,544
Mean of dependent variable	1.955	2.164	9.648
<i>Panel C. Gestational age</i>			
Shorter than median (280 days)	−7.267* (4.365)	−10.214** (4.730)	−0.069 (0.092)
Observations	179,213	179,213	178,868
Mean of dependent variable	2.427	2.740	9.677
Longer than median (280 days)	−8.497** (4.213)	−6.942 (4.309)	0.031 (0.123)
Observations	177,199	177,199	176,893
Mean of dependent variable	1.123	1.208	9.642
<i>Panel D. Birth weight</i>			
Lighter than median (3,410 grams)	−6.444 (4.689)	−9.291* (5.063)	−0.012 (0.097)
Observations	178,346	178,346	178,050
Mean of dependent variable	2.731	3.073	9.653
Heavier than median (3,410 grams)	−9.470** (3.874)	−8.197** (3.901)	−0.042 (0.120)
Observations	178,066	178,066	177,711
Mean of dependent variable	0.826	0.882	9.667
<i>Panel E. Average household income</i>			
Lower than median (1929 euro)	−12.648*** (4.743)	−15.634*** (5.069)	0.102 (0.123)
Observations	178,218	178,218	177,863
Mean of dependent variable	1.880	2.037	9.652
Higher than median (1929 euro)	−1.027 (5.493)	0.122 (5.956)	−0.318* (0.174)
Observations	178,194	178,194	177,898
Mean of dependent variable	1.678	1.919	9.668

Notes: Each cell represents the effect of hospital birth on the health outcome listed in the column and in the sample described in the panel, from an IV specification that includes our baseline set of controls. Robust standard errors clustered at the postal code level are shown in parentheses.

*** Significant at the 1 percent level.

** Significant at the 5 percent level.

* Significant at the 10 percent level.

TABLE A10—HETEROGENEOUS RESULTS, FIRST STAGE

	Mother's Ethnicity		Mother's Age		Avg. HH Income		Gestational Age		Birth Weight	
	Dutch	Non-Dutch	≤ Median	> Median	≤ Median	> Median	≤ Median	> Median	≤ Median	> Median
Distance: < 1 km	0.072*** (0.009)	0.075*** (0.016)	0.096*** (0.011)	0.040*** (0.008)	0.082*** (0.012)	0.043*** (0.014)	0.081*** (0.010)	0.068*** (0.009)	0.082*** (0.010)	0.067*** (0.009)
Distance: 1–2 km	0.070*** (0.007)	0.075*** (0.015)	0.096*** (0.009)	0.037*** (0.007)	0.073*** (0.009)	0.054*** (0.012)	0.081*** (0.008)	0.066*** (0.008)	0.081*** (0.008)	0.065*** (0.008)
Distance: 2–4 km	0.057*** (0.007)	0.065*** (0.015)	0.078*** (0.008)	0.031*** (0.006)	0.063*** (0.009)	0.038*** (0.011)	0.065*** (0.007)	0.054*** (0.007)	0.069*** (0.007)	0.051*** (0.007)
Distance: 4–7 km	0.032*** (0.007)	0.059*** (0.015)	0.048*** (0.008)	0.018*** (0.006)	0.054*** (0.010)	0.016 (0.010)	0.040*** (0.007)	0.033*** (0.007)	0.041*** (0.007)	0.033*** (0.007)
Distance: 7–11 km	0.028*** (0.007)	0.050*** (0.017)	0.036*** (0.009)	0.019*** (0.007)	0.039*** (0.011)	0.015 (0.011)	0.031*** (0.008)	0.030*** (0.008)	0.031*** (0.008)	0.030*** (0.008)
Observations	294,671	61,741	207,598	148,814	178,218	178,194	179,213	177,199	178,346	178,066
F-statistic	27.169	5.885	35.299	8.372	16.613	6.792	30.168	21.529	31.162	20.289

Notes: Each column lists estimates from separate regressions. The dependent variable is the probability of a hospital birth. All regressions control for year, month and day-of-week of birth, maternal age, ethnicity, gestational age, a third degree polynomial in birth weight, newborn gender, multiple birth, obstetrician supervision, breech birth, and average income in the postal code of mother's residence (see section III). The F-statistic comes from a test of joint significance of the distance indicators. Robust standard errors clustered at the postal code level are shown in parentheses.

*** Significant at the 1 percent level.

** Significant at the 5 percent level.

* Significant at the 10 percent level.

TABLE A11—COMPLIER CHARACTERISTICS BY DISTANCE

	Distance to the nearest hospital					Obs.
	< 1km	1–2 km	2–4 km	4–7 km	7–11 km	
	(1)	(2)	(3)	(4)	(5)	(6)
Mother's Ethnicity: Dutch	1.12	1.05	1.26	1.04	0.93	294,671
Mother's Age $\leq$ median (29 years)	1.25	1.34	1.36	1.13	1.40	207,598
37 wk $\leq$ Gestational Age $\leq$ 42 wk	1.02	1.04	1.05	1.03	1.05	337,830
Birth weight $\leq$ median (3410 grams)	1.05	1.08	1.26	1.15	1.29	178,346
Share of compliers	0.027	0.030	0.013	0.015	0.021	356,412

Notes: Each cell in columns 1–5 gives the relative likelihood that the compliers corresponding to the distance indicator in the column have the characteristic described in the row, calculated as the ratio of the first stage coefficient of the instrument in the sample of individuals who have that characteristic to the first stage coefficient in the full analysis sample. The last row shows the fraction of compliers corresponding to the distance indicator in the column in the analysis sample, calculated as the first stage coefficient of the instrument in the analysis sample.