

THE LANCET Infectious Diseases

Supplementary webappendix

This webappendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

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Supplementary material

Table S1 Profile of new applicant families in Cadastro Único from 2007 to 2014 that had a new leprosy case in the same period prior and after exclusion of partial BFP receivers, individuals with missing data, and those with income >200 (N=22 909).

Social and demographical variables	N (%) or Median (IQR)		
	Overall (N=22 909)	Study sample (N=11 546)	Excluded sample (N=11 453)
<i>Individual variables</i>			
Age at registration	35.5 (25.0-53.2)	31.0 (22.1-44.4)	43.7 (28.3-61.5)
Age at diagnosis	38.5 (27.7-55.8)	34.0 (24.8-47.4)	46.3 (30.8-64.0)
Sex			
Males	11561 (50.5)	5398 (47.1)	6163 (53.8)
Females	11348 (49.5)	6058 (52.9)	5290 (46.2)
Ethnicity			
White	4282 (18.7)	1884 (16.4)	2398 (20.9)
Non-white (Asian, Indigenous, Blacks and Mixed Black)	18181 (79.4)	9405 (82.1)	8776 (76.6)
Missing	446 (1.9)	167 (1.5)	279 (2.4)
Education			
Illiterate	3844 (16.8)	1635 (14.3)	2209 (19.3)
Primary school or less (≤ 5 years of education)	8533 (37.2)	4291 (37.5)	4242 (37.0)
Junior high school (≤ 9 years of education)	5669 (24.7)	3154 (27.5)	2515 (22.0)
High school (≥ 10 years of education)	2322 (10.1)	1132 (9.9)	1190 (10.4)
Missing	2541 (11.1)	1244 (10.9)	1297 (11.3)
Work			
Employed	10063 (43.9)	6091 (53.2)	3972 (34.7)
Unemployed	10473 (45.7)	5220 (45.6)	5253 (45.9)
Missing	2373 (10.4)	145 (1.3)	2228 (19.5)
<i>Clinical variables</i>			
Operational classification			
Paucibacillary	9162 (40.0)	5140 (44.9)	4022 (35.1)
Multibacillary	13745 (60.0)	6316 (55.1)	7429 (64.9)
Missing	2 (0.0)	0 (0.0)	2 (0.0)
Disabilities at diagnosis			
Grade 0	14441 (63.0)	7658 (66.8)	6783 (59.2)
Grade 1	4852 (21.2)	2210 (19.3)	2642 (23.1)
Grade 2	1387 (6.1)	601 (5.2)	786 (6.9)
Not evaluated or missing	2229 (9.7)	987 (8.6)	1242 (10.8)
Treatment adherence³			
No	3871 (16.9)	1948 (17.0)	1923 (16.8)
Yes	17446 (76.2)	9508 (83.0)	7938 (69.3)
Missing	1592 (6.9)	0 (0.0)	1592 (13.9)
Cure			
No	2828 (12.3)	1379 (12.0)	1449 (12.7)

Yes	19003 (82.9)	10077 (88.0)	8926 (77.9)
Missing	1078 (4.7)	0 (0.0)	1078 (9.4)
<i>Familial variables</i>			
Bolsa familia receipt			
No	9369 (40.9)	2706 (23.6)	6663 (58.2)
Yes	13540 (59.1)	8750 (76.4)	4790 (41.8)
Region of residence			
North	5267 (23.0)	2949 (25.7)	2318 (20.2)
Northeast	9514 (41.5)	4995 (43.6)	4519 (39.5)
Southeast	3187 (13.9)	1527 (13.3)	1660 (14.5)
South	634 (2.8)	222 (1.9)	412 (3.6)
Midwest	4307 (18.8)	1763 (15.4)	2544 (22.2)
Area of residence			
Urban	18179 (79.4)	8806 (76.9)	9373 (81.8)
Rural	4709 (20.6)	2650 (23.1)	2059 (18.0)
Missing	21 (0.1)	0 (0.0)	21 (0.2)
Type of the household			
Private	20113 (87.8)	11208 (97.8)	8905 (77.8)
Shared and informal housing	666 (2.9)	248 (2.2)	418 (3.6)
Missing	2130 (9.3)	0 (0.0)	2130 (18.6)
Construction material			
Bricks/cement	15721 (68.6)	7641 (66.7)	8080 (70.5)
Wood, other vegetal materials, or other	6875 (30.0)	3815 (33.3)	3060 (26.7)
Missing	313 (1.4)	0 (0.0)	313 (2.7)
Water supply (tap water)			
Public network (tap water)	15446 (67.4)	7449 (65.0)	7997 (69.8)
Well, natural sources, or other	7150 (31.2)	4007 (35.0)	3143 (27.4)
Missing	313 (1.4)	0 (0.0)	313 (2.7)
Electricity			
Yes with counter	18957 (82.7)	9246 (80.7)	9711 (84.8)
Electricity without counter or no electricity	3639 (15.9)	2210 (19.3)	1429 (12.5)
Missing	313 (1.4)	0 (0.0)	313 (2.7)
Missing			
Missing	313 (1.4)	0 (0.0)	313 (2.7)
Sewage			
Public network or septic tank	11801 (51.5)	5720 (49.9)	6081 (53.1)
Homemade septic tank, ditch, or other	10416 (45.5)	5736 (50.1)	4680 (40.9)
Missing	692 (3.0)	0 (0.0)	692 (6.0)
Waste			
Public collection system	17083 (74.6)	8377 (73.1)	8706 (76.0)
Burned, buried, outdoor disposal, or other	5513 (24.1)	3079 (26.9)	2434 (21.3)
Missing	313 (1.4)	0 (0.0)	313 (2.7)
Individuals per family	3 (2.4)	3 (2.4)	2 (1.3)
Residents per room	0.8 (0.4-1.0)	1.0 (0.6-1.3)	0.5 (0.3-1.0)
Monthly family income (BRL)	200 (100-465)	150 (80-300)	380 (120-622)
Monthly per capita income (BRL) adjusted for BFP threshold¹	64.3 (31.0-171.4)	50 (25-85.7)	128.5 (42.8-380)

¹ As the income threshold for BFP eligibility increased by 1.167 in August 2009, the monthly per capita income was divided by 1.167 for families registering with CadUnico after August 2009 in this study.

Table S2 Logistic regression to estimate the probability of receiving BFP benefit according to covariates (N= 11 456).

Social and demographical variables	Overall	PB	MB
	OR (95% CI)	OR (95% CI)	OR (95% CI)
Intercept	3.92 (2.83-5.42)	3.98 (2.44-6.51)	4.08 (2.63-6.33)
<u>Individual variables</u>			
Age at registration	0.97 (0.97-0.98)	0.97 (0.97-0.98)	0.97 (0.97-0.98)
Sex			
Males	1.00	1.00	1.00
Females	1.09 (0.99-1.21)	1.17 (1.1-37)	1.1 (0.96-1.25)
Ethnicity			
White	1.00	1.00	1.00
Non-white (Asian, Indigenous, Blacks and Mixed Black)	1 (0.88-1.14)	1.11 (0.91-1.35)	0.93 (0.78-1.12)
Missing	1.71 (1.12-2.67)	2.50 (1.24-5.05)	1.32 (0.76-2.31)
Education			
Illiterate	1.00	1.00	1.00
Primary school or less (≤ 5 years of education)	1.09 (0.94-1.27)	0.93 (0.72-1.21)	1.19 (0.99-1.43)
Junior high school (≤ 9 years of education)	1.13 (0.96-1.33)	0.94 (0.71-1.23)	1.27 (1.03-1.58)
High school (≥ 10 years of education)	0.88 (0.71-1.07)	0.71 (0.52-0.97)	1.01 (0.76-1.34)
Missing	0.75 (0.62-0.91)	0.65 (0.48-0.88)	0.81 (0.63-1.06)
Work			
Employed	1.00	1.00	1.00
Unemployed	0.8 (0.72-0.89)	0.82 (0.69-0.96)	0.79 (0.68-0.92)
Missing	1.6 (0.98-2.69)	1.14 (0.51-2.56)	1.93 (1.01-3.69)
<u>Familial variables</u>			
Region of residence			
North	1.00	1.00	1.00
Northeast	1.28 (1.11-1.47)	1.27 (1.03-1.56)	1.29 (1.06-1.55)
Southeast	1.67 (1.38-2.01)	1.60 (1.22-2.11)	1.75 (1.36-2.25)
South	1.14 (0.82-1.61)	1.59 (0.77-3.29)	1.00 (0.68-1.49)
Midwest	1.31 (1.11-1.54)	1.33 (1.02-1.72)	1.27 (1.03-1.58)
Area of residence			
Urban	1.00	1.00	1.00
Rural	0.99 (0.84-1.17)	0.98 (0.76-1.26)	1.02 (0.82-1.27)
Type of the household			
Private	1.00	1.00	1.00
Shared and informal housing	1.07 (0.75-1.55)	0.99 (0.59-1.66)	1.16 (0.7-1.92)
Construction material			
Bricks/cement	1.00	1.00	1.00
Wood, other vegetal materials, or other	0.99 (0.87-1.13)	0.93 (0.76-1.13)	1.04 (0.88-1.23)
Water supply (tap water)			
Public network (tap water)	1.00	1.00	1.00
Well, natural sources, or other	1.16 (1.02-1.32)	1.06 (0.87-1.29)	1.23 (1.04-1.47)
Electricity			

Yes with counter	1.00	1.00	1.00
Electricity without counter or no electricity	1.08 (0.93-1.25)	1.1 (0.88-1.38)	1.07 (0.87-1.31)
Sewage			
Public network or septic tank	1.00	1.00	1.00
Homemade septic tank, ditch, or other	1.07 (0.96-1.2)	1.11 (0.94-1.31)	1.05 (0.91-1.22)
Waste			
Public collection system	1.00	1.00	1.00
Burned, buried, outdoor disposal, or other	0.9 (0.76-1.06)	0.88 (0.68-1.13)	0.91 (0.73-1.13)
Residents per room (household density)	1.53 (1.41-1.67)	1.55 (0.1-0)	1.51 (0.09-0)
Per capita income (BRL) adjusted for BFP threshold¹			
0	1.00	1.00	1.00
0 - 50	1.48 (1.25-1.77)	1.62 (1.25-2.11)	1.39 (1.1-1.75)
50 - 100	0.81 (0.68-0.95)	0.79 (0.61-1.02)	0.83 (0.66-1.04)
100 - 150	0.42 (0.34-0.5)	0.4 (0.3-0.54)	0.43 (0.33-0.55)
150 - 200	0.14 (0.11-0.17)	0.14 (0.1-0.19)	0.14 (0.1-0.19)
Year of registry			
2007	1.00	1.00	1.00
2008	1.42 (1.25-1.61)	1.31 (1.08-1.58)	1.54 (1.3-1.84)
2009	2.62 (2.24-3.07)	2.43 (1.92-3.07)	2.82 (2.28-3.49)
2010	2.01 (1.64-2.49)	2.13 (1.53-2.95)	1.97 (1.5-2.59)
2011	1.13 (0.89-1.45)	1.14 (0.77-1.68)	1.15 (0.84-1.59)
2012	0.74 (0.61-0.91)	0.57 (0.41-0.77)	0.91 (0.69-1.2)
2013	0.56 (0.4-0.77)	0.68 (0.41-1.12)	0.49 (0.32-0.74)
2014	0.35 (0.2-0.6)	0.16 (0.06-0.44)	0.53 (0.27-1.04)

MB: multibacillary, PB: paucibacillary, OR: odds ratio

¹As the income threshold for BFP eligibility increased by 1.167 in August 2009, the monthly per capita income was divided by 1.167 for families registering with CadUnico after August 2009 in this study.

Table S3 Logistic regression to estimate the probability of receiving BFP benefit according to covariates for children under 15 (N= 1726).

Social and demographical variables	Overall	PB	MB
	OR (95% CI)	OR (95% CI)	OR (95% CI)
Intercept	1.41 (0.41-5.06)	1.07 (0.22-5.31)	3.11 (0.27-35.76)
<u>Individual variables</u>			
Age at diagnosis			
0-4	1.00	1.00	1.00
5-9	1.76 (0.85-3.42)	2.26 (1.03-4.97)	0.85 (0.16-4.44)
10-14	1.38 (0.68-2.62)	1.84 (0.86-3.96)	0.73 (0.14-3.7)
Sex			
Males	1.00	1.00	1.00
Females	1.05 (0.76-1.46)	1.19 (0.78-1.82)	0.80 (0.45-1.4)
Ethnicity			
White	1.00	1.00	1.00
Non-white	0.76 (0.45-1.26)	0.56 (0.28-1.12)	1.19 (0.5-2.84)
Missing	0.10 (0.02-0.72)	0.08 (0.01-0.83)	0.16 (0.5-99)
Education (head)			
Illiterate	1.00	1.00	1.00
Primary school or less (≤ 5 years of education)	1.56 (0.92-2.61)	1.77 (0.87-3.6)	1.08 (0.48-2.43)
Junior high school (≤ 9 years of education)	1.53 (0.89-2.6)	1.67 (0.81-3.41)	1.32 (0.55-3.18)
High school (≥ 10 years of education)	1.30 (0.67-2.51)	1.33 (0.57-3.08)	1.37 (0.41-4.64)
Missing	0.90 (0.48-1.68)	1 (0.44-2.28)	0.64 (0.22-1.9)
Work (head)			
Employed	1.00	1.00	1.00
Unemployed	0.95 (0.66-1.4)	0.91 (0.56-1.47)	0.95 (0.49-1.85)
Missing	1.71 (0.34-11.38)	3.05 (0.27-34.78)	0.30 (0.01-6.67)
<u>Familial variables</u>			
Region of residence			
North	1.00	1.00	1.00
Northeast	2.48 (1.61-3.83)	2.51 (1.42-4.41)	2.77 (1.35-5.71)
Southeast	3.17 (1.7-6.15)	3.29 (1.5-7.22)	2.30 (0.7-7.6)
South	1.02 (0.21-6.42)	2.22 (0.18-27.16)	0.14 (0.01-2.69)
Midwest	2.19 (1.25-3.97)	1.8 (0.86-3.77)	3.49 (1.21-10.03)
Area of residence			
Urban	1.00	1.00	1.00
Rural	0.98 (0.57-1.71)	1.44 (0.69-2.98)	0.43 (0.18-1.04)
Type of the household			
Private	1.00	1.00	1.00
Shared and informal housing	1.25 (0.44-4.53)	0.78 (0.23-2.68)	1 (0-0)
Construction material			
Bricks/cement	1.00	1.00	1.00
Wood, other vegetal materials, or other	1.27 (0.83-1.94)	1.21 (0.7-2.09)	1.38 (0.65-2.94)
Water supply (tap water)			

Public network (tap water)	1.00	1.00	1.00
Well, natural sources, or other	0.90 (0.60-1.36)	0.92 (0.54-1.59)	0.74 (0.38-1.44)
Electricity			
Yes with counter	1.00	1.00	1.00
Electricity without counter or no electricity	1.64 (1.01-2.74)	1.39 (0.74-2.6)	2.68 (1.11-6.46)
Sewage			
Public network or septic tank	1.00	1.00	1.00
Homemade septic tank, ditch, or other	1.25 (0.86-1.81)	1.26 (0.79-2.03)	1.50 (0.78-2.88)
Waste			
Public collection system	1.00	1.00	1.00
Burned, buried, outdoor disposal, or other	0.66 (0.38-1.15)	0.58 (0.29-1.18)	0.86 (0.36-2.1)
Residents per room (household density)	1.39 (1.13-1.75)	1.59 (0.26-0)	1.23 (0.18-0)
Per capita income (BRL) adjusted for BFP threshold¹			
0	1.00	1.00	1.00
0 - 50	1.23 (0.64-2.3)	1.6 (0.72-3.55)	0.76 (0.24-2.41)
50 - 100	0.62 (0.32-1.16)	0.66 (0.3-1.44)	0.53 (0.16-1.8)
100 - 150	0.32 (0.15-0.69)	0.37 (0.14-0.96)	0.23 (0.06-0.95)
150 - 200	0.02 (0.01-0.06)	0.03 (0.01-0.1)	0 (0-0.04)
Year of registry			
2007	1.00	1.00	1.00
2008	1.93 (1.27-2.99)	1.67 (0.98-2.85)	2.93 (1.32-6.51)
2009	4.86 (2.61-9.82)	5.14 (2.16-12.24)	5.43 (1.76-16.77)
2010	4.82 (2.13-12.69)	4.09 (1.43-11.66)	8.64 (1.26-59.20)
2011	1.02 (0.42-2.77)	0.80 (0.25-2.57)	2.30 (0.33-16.11)
2012	1.73 (0.77-4.25)	1.96 (0.65-5.84)	1.06 (0.26-4.33)
2013	1.69 (0.52-6.34)	1.63 (0.36-7.42)	1.24 (0.08-18.11)
2014	0.38 (0.07-2.47)	0.08 (0.01-0.91)	6.55 (0.15-289.33)

MB: multibacillary, PB: paucibacillary, OR: odds ratio

¹ As the income threshold for BFP eligibility increased by 1.167 in August 2009, the monthly per capita income was divided by 1.167 for families registering with CadUnico after August 2009 in this study.

Table S4 Standardized mean differences (SMD) before and after matching for the matching covariates and those used in further adjustment in the overall population.

	Before matching (N= 11 456)			After matching (overall) (N= 17 302)		
	Non-BFP	BFP	SMD	Non-BFP	BFP	SMD
	N or mean (% or sd)	N or mean (% or sd)		N or mean (% or sd)	N or mean (% or sd)	
Age at registration	39.7 (17.2)	30 (15.9)	0.586	30.1 (15.4)	30.2 (15.9)	-0.006
Sex						
Males	1344 (49.7)	4054 (46.3)	0.067	4208 (48.6)	4009 (46.3)	0.046
Females	1362 (50.3)	4696 (53.7)		4443 (51.4)	4642 (53.7)	
Ethnicity						
White	528 (19.5)	1356 (15.5)	0.109	1310 (15.1)	1347 (15.6)	0.028
Non-white	2133 (78.8)	7272 (83.1)		7245 (83.7)	7184 (83)	
Missing	45 (1.7)	122 (1.4)		96 (1.1)	120 (1.4)	
Education						
Illiterate	421 (15.6)	1214 (13.9)	0.150	1407 (16.3)	1201 (13.9)	0.074
Primary school or less (≤ 5 years of education)	1018 (37.6)	3273 (37.4)		3021 (34.9)	3216 (37.2)	
Junior high school (≤ 9 years of education)	624 (23.1)	2530 (28.9)		2519 (29.1)	2505 (29)	
High school (≥ 10 years of education)	311 (11.5)	821 (9.4)		782 (9)	820 (9.5)	
Missing	332 (12.3)	912 (10.4)		922 (10.7)	909 (10.5)	
Work						
Employed	1289 (47.6)	4802 (54.9)	0.157	4757 (55)	4734 (54.7)	0.038
Unemployed	1392 (51.4)	1380 (15.8)		3736 (43.2)	3799 (43.9)	
Missing	25 (0.9)	120 (1.4)		158 (1.8)	118 (1.4)	
Region of residence						
North	639 (23.6)	2310 (26.4)	0.173	2837 (32.8)	2256 (26.1)	0.150
Northeast	1108 (40.9)	3887 (44.4)		3584 (41.4)	3861 (44.6)	
Southeast	362 (13.4)	1165 (13.3)		1021 (11.8)	1153 (13.3)	
South	86 (3.2)	136 (1.6)		129 (1.5)	135 (1.6)	
Midwest	511 (18.9)	1252 (14.3)		1080 (12.5)	1246 (14.4)	
Area of residence						
Urban	2193 (81)	6613 (75.6)	0.133	6339 (73.3)	6543 (75.6)	0.054
Rural	513 (19)	2137 (24.4)		2312 (26.7)	2108 (24.4)	
Type of the household						
Private	2663 (98.4)	8545 (97.7)	0.054	8508 (98.3)	8449 (97.7)	0.049
Shared and informal housing	43 (1.6)	205 (2.3)		143 (1.7)	202 (2.3)	
Construction material						
Bricks/cement	1954 (72.2)	5687 (65)	0.156	5361 (62)	5642 (65.2)	0.068
Wood, other vegetal materials, or other	752 (27.8)	3063 (35)		3290 (38)	3009 (34.8)	
Water supply (tap water)						
Public network (tap water)	1929 (71.3)	5520 (63.1)	0.175	5299 (61.3)	5483 (63.4)	0.044
Well, natural sources, or other	777 (28.7)	3230 (36.9)		3352 (38.7)	3168 (36.6)	
Electricity						

Yes with counter	2347 (86.7)	6899 (78.8)	0.210	6695 (77.4)	6853 (79.2)	0.044
Electricity without counter or no electricity	359 (13.3)	1851 (21.2)		1956 (22.6)	1798 (20.8)	
Sewage						
Public network or septic tank	1479 (54.7)	4241 (48.5)	0.124	4146 (47.9)	4212 (48.7)	0.015
Homemade septic tank, ditch, or other	1227 (45.3)	4509 (51.5)		4505 (52.1)	4439 (51.3)	
Waste						
Public collection system	2122 (78.4)	6255 (71.5)	0.161	6068 (70.1)	6195 (71.6)	0.032
Burned, buried, outdoor disposal, or other	584 (21.6)	2495 (28.5)		2583 (29.9)	2456 (28.4)	
Residents per room	0.8 (0.65)	1.2 (0.94)	-0.443	1.2 (1.1)	1.1 (0.83)	0.107
Per capita income (BRL) adjusted for BFP threshold ¹						
0	342 (12.6)	1076 (12.3)	0.761	1144 (13.2)	1075 (12.4)	0.052
0 - 50	622 (23.3)	4264 (48.7)		4208 (48.6)	4174 (48.2)	
50 - 100	743 (27.5)	2450 (28.0)		2347 (27.1)	2443 (28.2)	
100 - 150	485 (17.9)	741 (8.5)		683 (7.9)	741 (8.6)	
150 - 200	514 (19.0)	219 (2.5)				
Per capita income (BRL) adjusted for BFP threshold ¹ (cont)	86.8 (60.6)	51.1 (40.3)	0.693	53.8 (42.7)	51.4 (40.4)	0.058
Year of registry						
2007	1196 (44.2)	3842 (43.9)	0.428	3865 (44.7)	3806 (44.0)	0.141
2008	517 (19.1)	1963 (22.4)		2351 (27.2)	1940 (22.4)	
2009	278 (10.3)	1587 (18.1)		1251 (14.5)	1556 (18.0)	
2010	158 (5.8)	670 (7.7)		549 (6.3)	663 (7.7)	
2011	146 (5.4)	251 (2.9)		231 (2.7)	250 (2.9)	
2012	253 (9.3)	301 (3.4)		277 (3.2)	301 (3.5)	
2013	111 (4.1)	113 (1.3)		106 (1.2)	113 (1.3)	
2014	47 (1.7)	23 (0.3)		21 (0.2)	22 (0.3)	

Sd: standard deviation, SMD: standardised mean difference.

¹ As the income threshold for BFP eligibility increased by 1.167 in August 2009, the monthly per capita income was divided by 1.167 for families registering with CadUnico after August 2009 in this study.

Table S5 Complete case analysis after removing individuals with missing in any matching variable. Average treatment effect on the treated (ATT)¹ of Bolsa Familia program (BFP) on leprosy cure and treatment adherence (Brazil, 2007-2014) (N=9 960).

Outcome	PSM			IPTW		
	OR (95% CI) ¹			OR (95% CI) ¹		
	Overall (N=15 130)	PB (N=6558)	MB (N=8 316)	Overall (N=9960)	PB (N=4373)	MB (N=5587)
Treatment adherence²						
Non-beneficiaries	1.00	1.00	1.00	1.00	1.00	1.00
Beneficiaries	1.17 (0.95-1.43)	1.29 (0.92-1.78)	1.25 (0.98-1.59)	1.34 (1.11-1.62)	1.39 (1.03-1.89)	1.37 (1.08-1.75)
Cure						
Non-beneficiaries	1.00	1.00	1.00	1.00	1.00	1.00
Beneficiaries	1.20 (0.94-1.52)	1.08 (0.74-1.57)	1.20 (0.91-1.59)	1.24 (1.00-1.56)	1.13 (0.80-1.59)	1.35 (1.02-1.78)

¹ The average treatment effect was estimated in the propensity score matched (PSM) and inverse probability of the treatment weight (IPTW) analyses.

²OR and 95%CI estimated using logistic regression with further adjustment for income.

³Completing the minimum number of doses: ≥ 6 for PB or ≥ 12 for MB.

Table S6 Sensitivity analysis removing inconsistencies in cure and treatment adherence classification. Average treatment effect on the treated (ATT)¹ of Bolsa Familia program (BFP) on leprosy cure and treatment adherence (Brazil, 2007-2014) (N=10 794).

Outcome	PSM			IPTW		
	OR (95%CI) ¹			OR (95%CI) ¹		
	Overall (N=16 284)	PB (N=7380)	MB (N=8680)	Overall (N=10 794)	PB (N=4909)	MB (N=5885)
Treatment adherence²						
Non-beneficiaries	1.00	1.00	1.00	1.00	1.00	1.00
Beneficiaries	1.14 (0.91-1.43)	1.12 (0.73-1.71)	1.48 (1.16-1.90)	1.33 (1.07-1.65)	1.22 (0.85-1.73)	1.45 (1.10-1.90)
Cure						
Non-beneficiaries	1.00	1.00	1.00	1.00	1.00	1.00
Beneficiaries	1.08 (0.87-1.35)	1.06 (0.71-1.59)	1.40 (1.09-1.79)	1.26 (1.02-1.56)	1.13 (0.80-1.60)	1.39 (1.06-1.81)

¹ The average treatment effect was estimated in the propensity score matched (PSM) and inverse probability of the treatment weight (IPTW) analyses.

²OR and 95%CI estimated using logistic regression with further adjustment for income.

³Completing the minimum number of doses: ≥ 6 for PB or ≥ 12 for MB.

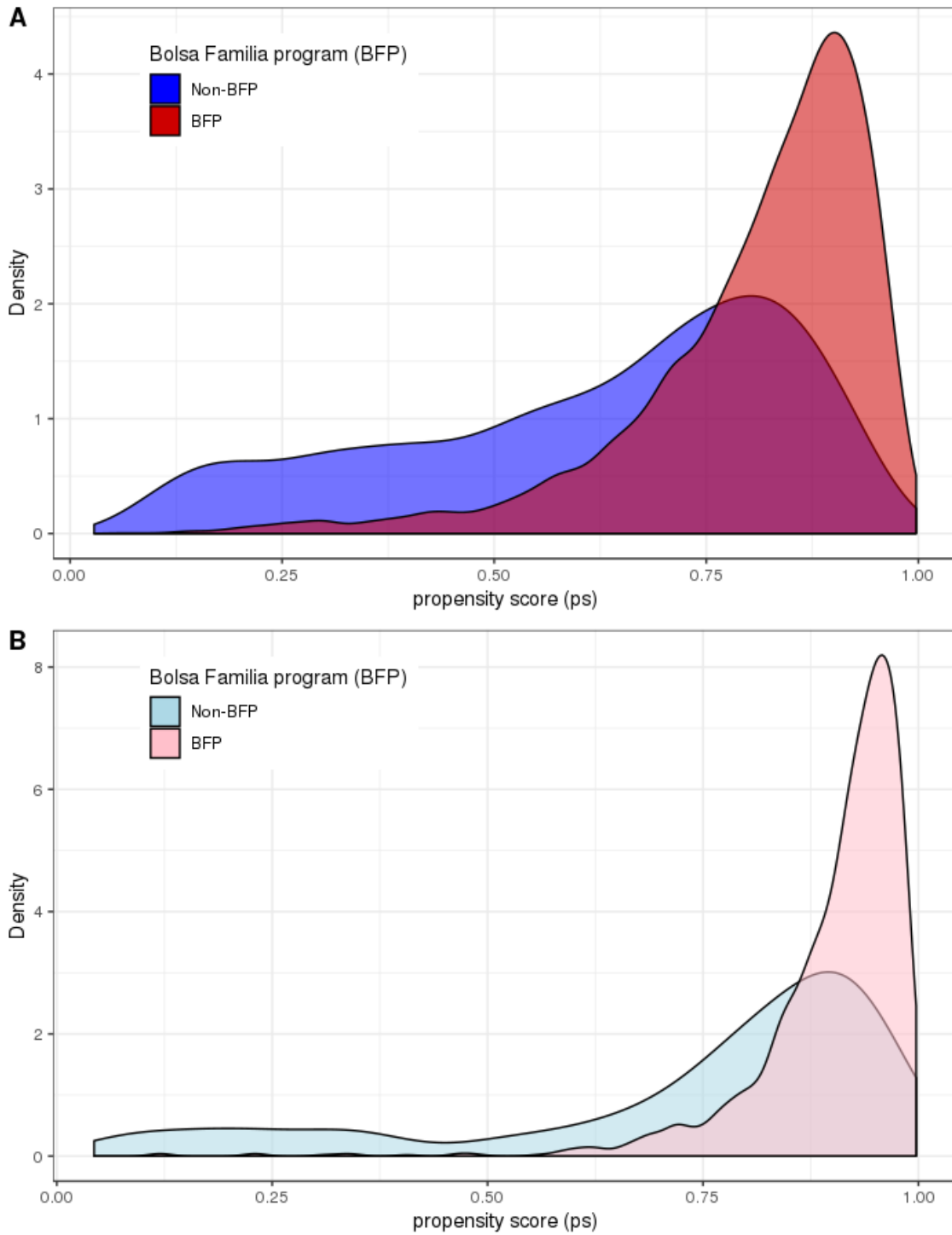


Figure S1 Probability of receiving BFP for BFP beneficiaries and non-beneficiaries given covariates for the overall population (A) and for children under 15 years (B).