

Appendix A

Table A1: Average Predicted Probabilities based on logit equation I: Occupational attainment of Sons'

	2000		2005		2012		2018	
Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5)	Col. (6)	Col. (7)	Col. (8)	Col. (9)
Independent Variables	Avg Pr Prob	SE	Avg Pr Prob	SE	Avg PR Prob	SE	Avg Pr Prob	SE
Age								
Age=16	0.05797***	(0.0021)	0.07053***	(0.0023)	0.1352***	(0.0037)	0.1176***	(0.0041)
Age=25	0.0791***	(0.0013)	0.0908***	(0.0014)	0.1658***	(0.0021)	0.1479***	(0.0023)
Age=35	0.1094***	(0.0028)	0.1185***	(0.0028)	0.2052***	(0.0038)	0.1880***	(0.0043)
Age=45	0.1484***	(0.0070)	0.1527***	(0.0065)	0.2508***	(0.0084)	0.2355***	(0.0100)
Household Size								
HH Size=2	0.08647***	(0.0027)	0.09748***	(0.0028)	0.1741***	(0.0040)	0.1521***	(0.0043)
HH Size=5	0.0846***	(0.0017)	0.0962***	(0.0017)	0.1740***	(0.0024)	0.1552***	(0.0023)
HH Size=8	0.0828***	(0.0013)	0.0950***	(0.0014)	0.1739***	(0.0022)	0.1583***	(0.0029)
HH Size=11	0.0810***	(0.0019)	0.0938***	(0.0021)	0.1737***	(0.0037)	0.1614***	(0.0053)
HH Size=14	0.0792***	(0.0028)	0.0926***	(0.0032)	0.1736***	(0.0057)	0.1646***	(0.0082)
Rural	0.07279***	(0.0018)	0.09007***	(0.0017)	0.1580***	(0.0025)	0.1344***	(0.0032)
Urban	0.0968***	(0.0026)	0.1069***	(0.0029)	0.2034***	(0.0040)	0.1814***	(0.0040)
Hindu SC/ST	0.0835***	(0.0044)	0.1049***	(0.0040)	0.1714***	(0.0053)	0.1473***	(0.0051)
Hindu OBC	0.0824***	(0.0026)	0.0880***	(0.0023)	0.1723***	(0.0036)	0.1525***	(0.0039)
Hindu OTHERS	0.0888***	(0.0025)	0.0969***	(0.0028)	0.1879***	(0.0046)	0.1654***	(0.0048)
Muslims	0.0980***	(0.0044)	0.1179***	(0.0046)	0.1890***	(0.0062)	0.1666***	(0.0064)
Other Minorities	0.0742***	(0.0038)	0.0932***	(0.0042)	0.1512***	(0.0066)	0.1602***	(0.0077)
Son's Education								
Education=No Formal Education # Hindu SC/ST	0.0180***	(0.0046)	0.0376***	(0.0061)	0.0761***	(0.0136)	0.0354***	(0.0137)
Education=No Formal Education # Hindu OBC	0.0221***	(0.0046)	0.0217***	(0.0045)	0.0978***	(0.0144)	0.0358**	(0.0150)
Education=No Formal Education # Hindu OTHERS	0.0309***	(0.0083)	0.0319***	(0.0095)	0.0977***	(0.0261)	0.0370	(0.0246)
Education=No Formal Education # Muslims	0.0418***	(0.0078)	0.0350***	(0.0069)	0.0903***	(0.0144)	0.0369**	(0.0171)
Education=No Formal Education # Other Minorities	0.0377***	(0.0103)	0.0388***	(0.0106)	0.0578**	(0.0263)	0.0437	(0.0285)
Education=Primary # Hindu SC/ST	0.0206***	(0.0045)	0.0422***	(0.0052)	0.0880***	(0.0089)	0.0498***	(0.0092)
Education=Primary # Hindu OBC	0.0413***	(0.0047)	0.0310***	(0.0039)	0.1013***	(0.0089)	0.0666***	(0.0102)
Education=Primary # Hindu OTHERS	0.0490***	(0.0058)	0.0499***	(0.0062)	0.1243***	(0.0140)	0.0588***	(0.0135)
Education=Primary # Muslims	0.0522***	(0.0069)	0.0672***	(0.0072)	0.1460***	(0.0113)	0.0826***	(0.0122)
Education=Primary # Other Minorities	0.0319***	(0.0072)	0.0530***	(0.0079)	0.0510***	(0.0142)	0.0673***	(0.0184)
Education=Middle # Hindu SC/ST	0.0444***	(0.0064)	0.0457***	(0.0054)	0.1068***	(0.0094)	0.0680***	(0.0074)
Education=Middle # Hindu OBC	0.0490***	(0.0044)	0.0478***	(0.0038)	0.1260***	(0.0072)	0.0982***	(0.0073)
Education=Middle # Hindu OTHERS	0.0763***	(0.0054)	0.0706***	(0.0057)	0.1378***	(0.0099)	0.0911***	(0.0092)
Education=Middle # Muslims	0.0669***	(0.0073)	0.0759***	(0.0070)	0.1459***	(0.0103)	0.1088***	(0.0101)
Education= Middle # Other Minorities	0.0301***	(0.0063)	0.0354***	(0.0059)	0.0824***	(0.0131)	0.0780***	(0.0122)
Education=Secondary # Hindu SC/ST	0.0663***	(0.0094)	0.0944***	(0.0100)	0.1139***	(0.0112)	0.0774***	(0.0088)
Education= Secondary # Hindu OBC	0.0832***	(0.0060)	0.0779***	(0.0059)	0.1469***	(0.0077)	0.1024***	(0.0077)

Education= Secondary # Hindu OTHERS	0.0844***	(0.0054)	0.0771***	(0.0062)	0.1513***	(0.0094)	0.1316***	(0.0107)
Education= Secondary # Muslims	0.1021***	(0.0099)	0.1244***	(0.0114)	0.1431***	(0.0112)	0.1157***	(0.0116)
Education= Secondary # Other Minorities	0.0810***	(0.0089)	0.0985***	(0.0101)	0.0992***	(0.0134)	0.1084***	(0.0168)
Education=Senior Secondary # Hindu SC/ST	0.1247***	(0.0172)	0.1869***	(0.0158)	0.2206***	(0.0154)	0.1802***	(0.0130)
Education=Senior Secondary # Hindu OBC	0.1129***	(0.0094)	0.1376***	(0.0081)	0.1995***	(0.0091)	0.1568***	(0.0092)
Education=Senior Secondary # Hindu OTHERS	0.1260***	(0.0080)	0.1614***	(0.0091)	0.2164***	(0.0104)	0.1829***	(0.0112)
Education=Senior Secondary # Muslims	0.1493***	(0.0186)	0.1685***	(0.0182)	0.1951***	(0.0158)	0.1858***	(0.0167)
Education=Senior Secondary # Other Minorities	0.1375***	(0.0158)	0.1440***	(0.0131)	0.1834***	(0.0160)	0.1577***	(0.0173)
Education=Grad & Above # Hindu SC/ST	0.2914***	(0.0293)	0.3182***	(0.0239)	0.3706***	(0.0217)	0.3673***	(0.0203)
Education=Grad & Above # Hindu OBC	0.2201***	(0.0143)	0.2734***	(0.0131)	0.3172***	(0.0122)	0.3434***	(0.0136)
Education=Grad & Above # Hindu OTHERS	0.2026***	(0.0100)	0.2461***	(0.0120)	0.3585***	(0.0131)	0.3705***	(0.0153)
Education=Grad & Above # Muslims	0.2299***	(0.0265)	0.2978***	(0.0264)	0.3709***	(0.0268)	0.3539***	(0.0249)
Education=Grad & Above # Other Minorities	0.1632***	(0.0176)	0.2552***	(0.0229)	0.3966***	(0.0275)	0.4066***	(0.0297)
Fathers' Occupation								
Officials, Professional, Associate Professionals, Clerks # Hindu SC/ST	0.1981***	(0.0172)	0.2862***	(0.0179)	0.4218***	(0.0187)	0.3061***	(0.0185)
Officials, Professional, Associate Professionals, Clerks # Hindu OBC	0.2573***	(0.0133)	0.2508***	(0.0114)	0.4533***	(0.0139)	0.3490***	(0.0150)
Officials, Professional, Associate Professionals, Clerks # Hindu OTHERS	0.2752***	(0.0123)	0.2892***	(0.0131)	0.4555***	(0.0151)	0.3702***	(0.0156)
Officials, Professional, Associate Professionals, Clerks # Muslims	0.3286***	(0.0189)	0.3756***	(0.0190)	0.4760***	(0.0162)	0.4203***	(0.0206)
Officials, Professional, Associate Professionals, Clerks # Other Minorities	0.2524***	(0.0203)	0.2706***	(0.0191)	0.3209***	(0.0208)	0.3427***	(0.0278)
Service, Shop, Market Trade # Hindu SC/ST	0.0755***	(0.0138)	0.0613***	(0.0109)	0.1091***	(0.0167)	0.1180***	(0.0178)
Service, Sales, Market Sales # Hindu OBC	0.0382***	(0.0054)	0.0509***	(0.0055)	0.0774***	(0.0082)	0.1011***	(0.0101)
Service, Sales, Market Sales # Hindu OTHERS	0.0391***	(0.0037)	0.0378***	(0.0040)	0.0993***	(0.0096)	0.1091***	(0.0104)
Service, Sales, Market Sales # Muslims	0.0329***	(0.0062)	0.0499***	(0.0077)	0.0504***	(0.0097)	0.1040***	(0.0151)
Service, Sales, Market Sales # Other Minorities	0.0228***	(0.0063)	0.0541***	(0.0097)	0.1266***	(0.0207)	0.1192***	(0.0224)
Agriculture & allied # Hindu SC/ST	0.0538***	(0.0057)	0.0854***	(0.0056)	0.1168***	(0.0082)	0.1074***	(0.0077)
Agriculture & allied # Hindu OBC	0.0544***	(0.0036)	0.0647***	(0.0032)	0.1108***	(0.0053)	0.1070***	(0.0061)
Agriculture & allied # Hindu OTHERS	0.0582***	(0.0035)	0.0749***	(0.0039)	0.1370***	(0.0071)	0.1019***	(0.0076)
Agriculture & allied # Muslims	0.0742***	(0.0078)	0.1022***	(0.0077)	0.1675***	(0.0126)	0.1334***	(0.0133)

Agriculture & allied # Other Minorities	0.0465***	(0.0055)	0.0666***	-0.01	0.0851***	(0.0084)	0.1072***	(0.0115)
Craft & related trade, Assemblers, Plant & Machine Operators # Hindu SC/ST	0.0622***	(0.0101)	0.0585***	(0.0084)	0.0716***	(0.0102)	0.1136***	(0.0123)
Craft & related trade, Assemblers, Plant & Machine Operators # Hindu OBC	0.0462***	(0.0055)	0.0489***	(0.0050)	0.0903***	(0.0079)	0.1197***	(0.0091)
Craft & related trade, Assemblers, Plant & Machine Operators # Hindu OTHERS	0.0573***	(0.0071)	0.0577***	(0.0083)	0.1084***	(0.0117)	0.1543***	(0.0130)
Craft & related trade, Assemblers, Plant & Machine Operators # Muslims	0.0376***	(0.0073)	0.0443***	(0.0080)	0.0636***	(0.0095)	0.0817***	(0.0106)
Craft & related trade, Assemblers, Plant & Machine Operators # Other Minorities	0.0331***	(0.0092)	0.0791***	(0.0134)	0.0978***	(0.0183)	0.1640***	(0.0196)
Labourers # Hindu SC/ST	0.0239***	(0.0053)	0.0428***	(0.0064)	0.0644***	(0.0082)	0.0977***	(0.0089)
Labourers # Hindu OBC	0.0281***	(0.0055)	0.0397***	(0.0060)	0.0660***	(0.0079)	0.1009***	(0.0089)
Labourers # Hindu OTHERS	0.0516***	(0.0086)	0.0595***	(0.0106)	0.0744***	(0.0137)	0.1261***	(0.0136)
Labourers # Muslims	0.0414***	(0.0109)	0.0367***	(0.0097)	0.0680***	(0.0121)	0.1025***	(0.0138)
Labourers # Other Minorities	0.0295***	(0.0095)	0.0311***	(0.0105)	0.1061***	(0.0207)	0.0939***	(0.0171)
Region								
Central	0.0578***	(0.0025)	0.0736***	(0.0028)	0.1429***	(0.0043)	0.1369***	(0.0047)
East	0.0778***	(0.0032)	0.0899***	(0.0032)	0.2019***	(0.0052)	0.1768***	(0.0058)
North	0.0918***	(0.0031)	0.1121***	(0.0031)	0.1704***	(0.0044)	0.1412***	(0.0047)
Northeast	0.0868***	(0.0053)	0.0848***	(0.0043)	0.1603***	(0.0065)	0.1472***	(0.0072)
South	0.0916***	(0.0031)	0.1094***	(0.0036)	0.1920***	(0.0050)	0.1728***	(0.0051)
West	0.0977***	(0.0035)	0.0977***	(0.0036)	0.1748***	(0.0050)	0.1645***	(0.0056)
Observations	33337		36365		25360		20886	

Avg Pr Prob: Average Predicted Probabilities, SE: Standard Errors; * p<0.10, ** p<0.05, *** p<0.01

Source: Estimations are based on unit-level data of NSS EUS Rounds (2000-2012) and PLFS 2018.

Table A2: Average Predicted Probabilities based on logit equation II: Educational attainment of Sons'

	2000		2005		2012		2018	
Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5)	Col. (6)	Col. (7)	Col. (8)	Col. (9)
Independent Variables	Avg Pr Prob	SE	Avg Pr Prob	SE	Avg Pr Prob	SE	Avg Pr Prob	SE
Age								
Age=16	0.08921***	(0.0023)	0.1031***	(0.0024)	0.2029***	(0.0042)	0.2894***	(0.0059)
Age=25	0.1605***	(0.0018)	0.1864***	(0.0019)	0.2829***	(0.0026)	0.3404***	(0.0032)
Age=35	0.2826***	(0.0045)	0.3263***	(0.0044)	0.3911***	(0.0050)	0.4018***	(0.0059)
Age=45	0.4502***	(0.0106)	0.5090***	(0.0098)	0.5139***	(0.0103)	0.4669***	(0.0117)
Household Size								
HH Size=2	0.1832***	(0.0038)	0.2145***	(0.0040)	0.3333***	(0.0055)	0.4208***	(0.0070)
HH Size=5	0.1762***	(0.0024)	0.2061***	(0.0024)	0.3113***	(0.0030)	0.3663***	(0.0034)
HH Size=8	0.1694***	(0.0018)	0.1979***	(0.0018)	0.2902***	(0.0028)	0.3153***	(0.0041)
HH Size=11	0.1628***	(0.0024)	0.1900***	(0.0028)	0.2700***	(0.0046)	0.2684***	(0.0069)
HH Size=14	0.1564***	(0.0036)	0.1823***	(0.0041)	0.2506***	(0.0068)	0.2263***	(0.0093)
Rural	0.1565***	(0.0022)	0.1906***	(0.0021)	1.3382***	(0.0040)	0.3216***	(0.0039)
Urban	0.1946***	(0.0034)	0.2223***	(0.0037)	1.3732***	(0.0064)	0.3962***	(0.0055)
SRCs								
Hindu SC/ST	0.1268***	(0.0050)	0.1644***	(0.0048)	1.2878***	(0.0081)	0.3110***	(0.0067)
Hindu OBC	0.1627***	(0.0035)	0.2043***	(0.0033)	1.3597***	(0.0060)	0.3652***	(0.0056)
Hindu OTHERS	0.2144***	(0.0039)	0.2373***	(0.0042)	1.4305***	(0.0089)	0.3875***	(0.0075)
Muslims	0.1175***	(0.0048)	0.1404***	(0.0049)	1.2505***	(0.0081)	0.2901***	(0.0082)
Other Minorities	0.1819***	(0.0066)	0.2066***	(0.0062)	1.3945***	(0.0130)	0.3488***	(0.0106)

Fathers' Education								
Education=No Formal Education # Hindu SC/ST	0.0420***	(0.0032)	0.0628***	(0.0038)	1.1165***	(0.0071)	0.2310***	(0.0089)
Education=No Formal Education # Hindu OBC	0.0673***	(0.0036)	0.0941***	(0.0040)	1.1390***	(0.0072)	0.2544***	(0.0091)
Education=No Formal Education # Hindu OTHERS	0.1132***	(0.0066)	0.1080***	(0.0067)	1.1997***	(0.0143)	0.2258***	(0.0145)
Education=No Formal Education # Muslims	0.0412***	(0.0045)	0.0551***	(0.0047)	1.0935***	(0.0079)	0.1843***	(0.0112)
Education=No Formal Education # Other Minorities	0.0714***	(0.0076)	0.0886***	(0.0075)	1.1985***	(0.0177)	0.2522***	(0.0178)
Education=Primary # Hindu SC/ST	0.0971***	(0.0077)	0.1210***	(0.0078)	1.1896***	(0.0119)	0.2544***	(0.0119)
Education=Primary # Hindu OBC	0.1270***	(0.0058)	0.1650***	(0.0059)	1.2533***	(0.0101)	0.3282***	(0.0107)
Education=Primary # Hindu OTHERS	0.1683***	(0.0070)	0.1890***	(0.0079)	1.3367***	(0.0163)	0.3679***	(0.0147)
Education=Primary # Muslims	0.0839***	(0.0079)	0.0773***	(0.0073)	1.1519***	(0.0121)	0.2483***	(0.0157)
Education=Primary # Other Minorities	0.1344***	(0.0123)	0.1667***	(0.0117)	1.2810***	(0.0211)	0.2620***	(0.0182)
Education=Middle # Hindu SC/ST	0.1620***	(0.0182)	0.2446***	(0.0163)	1.3575***	(0.0264)	0.3424***	(0.0173)
Education=Middle # Hindu OBC	0.2122***	(0.0116)	0.2634***	(0.0105)	1.4316***	(0.0184)	0.4030***	(0.0131)
Education=Middle # Hindu OTHERS	0.2480***	(0.0106)	0.3237***	(0.0121)	1.5089***	(0.0243)	0.4411***	(0.0156)
Education=Middle # Muslims	0.1455***	(0.0163)	0.1845***	(0.0162)	1.2462***	(0.0226)	0.3313***	(0.0194)
Education=Primary # Other Minorities	0.2580***	(0.0229)	0.2433***	(0.0187)	1.4104***	(0.0345)	0.3632***	(0.0237)
Education= Secondary # Hindu SC/ST	0.2639***	(0.0277)	0.3759***	(0.0269)	1.5213***	(0.0402)	0.4408***	(0.0286)
Education= Secondary # Hindu OBC	0.3549***	(0.0169)	0.3927***	(0.0151)	1.7201***	(0.0269)	0.5183***	(0.0205)
Education= Secondary # Hindu OTHERS	0.4364***	(0.0133)	0.4786***	(0.0141)	1.7585***	(0.0271)	0.5928***	(0.0197)
Education= Secondary # Muslims	0.2813***	(0.0265)	0.3426***	(0.0276)	1.5121***	(0.0426)	0.4386***	(0.0328)
Education= Secondary # Other Minorities	0.3969***	(0.0252)	0.4187***	(0.0243)	1.7662***	(0.0549)	0.5884***	(0.0372)
Education=Senior Secondary # Hindu SC/ST	0.4453***	(0.0502)	0.4345***	(0.0413)	1.8069***	(0.0745)	0.5632***	(0.0419)
Education=Senior Secondary # Hindu OBC	0.4382***	(0.0313)	0.5199***	(0.0224)	2.0093***	(0.0466)	0.6397***	(0.0308)
Education=Senior Secondary # Hindu OTHERS	0.6146***	(0.0210)	0.6216***	(0.0204)	2.1420***	(0.0428)	0.7246***	(0.0259)
Education=Senior Secondary # Muslims	0.3325***	(0.0384)	0.4297***	(0.0419)	1.8469***	(0.0747)	0.5013***	(0.0505)
Education=Senior Secondary # Other Minorities	0.5959***	(0.0585)	0.6243***	(0.0376)	2.0527***	(0.0725)	0.7327***	(0.0518)
Education=Grad & Above # Hindu SC/ST	0.5325***	(0.0608)	0.5081***	(0.0499)	2.0345***	(0.0852)	0.6599***	(0.0493)
Education=Grad & Above # Hindu OBC	0.6183***	(0.0365)	0.7277***	(0.0242)	2.2802***	(0.0501)	0.7700***	(0.0290)
Education=Grad & Above # Hindu OTHERS	0.7325***	(0.0180)	0.7681***	(0.0187)	2.3606***	(0.0352)	0.8786***	(0.0189)
Education=Grad & Above # Muslims	0.4992***	(0.0453)	0.5759***	(0.0477)	1.9831***	(0.0809)	0.7057***	(0.0561)

Education=Grad & Above # Other Minorities	0.6590***	(0.0463)	0.7405***	(0.0387)	2.2863***	(0.0690)	0.7730***	(0.0535)
Region								
Central	0.1875***	(0.0040)	0.2072***	(0.0042)	1.3382***	(0.0078)	0.3321***	(0.0068)
East	0.1580***	(0.0043)	0.1721***	(0.0041)	1.2939***	(0.0075)	0.2998***	(0.0075)
North	0.1745***	(0.0044)	0.2180***	(0.0044)	1.3902***	(0.0082)	0.3654***	(0.0071)
Northeast	0.1389***	(0.0063)	0.1513***	(0.0054)	1.2921***	(0.0099)	0.3019***	(0.0097)
South	0.1718***	(0.0041)	0.2162***	(0.0047)	1.4019***	(0.0089)	0.4017***	(0.0077)
West	0.1642***	(0.0046)	0.2153***	(0.0051)	1.3578***	(0.0088)	0.3746***	(0.0082)
Constant	0.0420***	(0.0032)	0.0628***	(0.0038)	1.1165***	(0.0071)	0.2310***	(0.0089)
Observations	33322		36365		25360		20886	

Avg Pr Prob: Average Predicted Probabilities, SE: Standard Errors; * p<0.10, ** p<0.05, *** p<0.01
Source: Estimations are based on unit-level data of NSS EUS Rounds (2000-2012) and PLFS 2018.