

Table A.4: Direct expenditure by regional education departments on secondary and vocational education, raw data

	<i>Andalucía</i>	<i>Aragón</i>	<i>Asturias</i>	<i>Baleares</i>	<i>Canarias</i>	<i>Cantabria</i>	<i>C.-y León</i>	<i>Cataluña</i>	<i>Castilla-La Mancha</i>	<i>Extremadura</i>	<i>Galicia</i>	<i>Madrid</i>	<i>Murcia</i>	<i>Navarra</i>	<i>P. Vasco</i>	<i>Rioja</i>	<i>TOTAL</i>
<i>educational programmes:</i>																	
childhood and primary	1,366.5	181.0	148.2	133.9	425.0	327.6	763.9	933.0									
secondary and vocational training	1,263.4	242.3	218.2	145.8	414.2	320.6	217.5	1,184.8									
special education	87.3	19.8	13.4	17.0	13.9	32.4	47.5										
compensatory education	30.3			5.3	1.7	2.1	19.7										
other programmes	140.6	17.5	11.9	12.1	26.1	18.6	48.3										
<i>subtotal, raw direct expenditure</i>	2,888.1	460.7	391.7	314.0	880.8	701.3											
<i>administration and service programmes</i>	156.2	28.3	30.2	30.9	94.4	69.8											
<i>total expenditure</i>	3,044.3	488.9	421.9	344.9	975.2	235.0											
<i>childhood and primary</i>																	
secondary and vocational training	44.9%	37.0%	35.1%	38.8%	43.6%	42.3%											
special education	41.5%	49.6%	51.7%	42.3%	42.5%	41.6%											
compensatory education	2.9%	4.1%	3.2%	4.9%	1.4%	4.2%											
other programmes	1.0%	3.6%	2.8%	3.5%	2.7%	2.4%											
<i>subtotal, raw direct expenditure</i>	94.9%	94.2%	92.8%	91.0%	90.3%	91.0%											
<i>administration and service programmes</i>	5.1%	5.8%	7.2%	9.7%	9.7%	6.5%											
<i>total expenditure</i>	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%											
<i>educational programmes:</i>																	
childhood and primary	688.8	215.8	553.7	822.6	245.9	114.8	474.8	41.2	7,436.7								
secondary and vocational training	833.3	195.0	510.5	861.1	228.0	144.7	614.2	54.7	7,448.2								
special education	18.6	15.3	13.6	19.0	18.6	5.2		5.5	327.0								
compensatory education	0.6	0.3	1.9	2.4	1.3	1.7		0.5	97.2								
other programmes	52.0	16.1	14.0	19.2	14.7	36.3	50.0	6.5	500.7								
<i>subtotal, raw direct expenditure</i>	1,593.2	442.1	1,092.0	1,788.9	514.0	280.7	1,127.0	108.4	15,899.8								
<i>administration and service programmes</i>	105.6	30.6	115.8	91.1	19.1	25.9	113.4	8.8	1,161.8								
<i>total expenditure</i>	1,698.8	472.7	1,207.9	1,880.0	533.2	306.5	1,240.4	117.3	17,206.6								
<i>childhood and primary</i>																	
secondary and vocational training	40.5%	45.6%	45.8%	43.8%	46.1%	37.5%	38.3%	35.1%	43.2%								
special education	49.1%	41.3%	42.3%	45.8%	42.8%	47.2%	49.5%	46.7%	43.3%								
compensatory education	1.1%	3.2%	1.1%	1.0%	3.5%	1.7%	0.0%	4.7%	1.9%								
other programmes	0.0%	0.0%	0.0%	1.0%	0.4%	0.4%	0.1%	0.4%	0.6%								
<i>subtotal, raw direct expenditure</i>	93.8%	93.5%	90.4%	95.2%	96.4%	91.6%	90.9%	92.5%	91.9%								
<i>administration and service programmes</i>	6.2%	6.5%	9.6%	4.8%	3.6%	8.4%	9.1%	7.5%	6.8%								
<i>total expenditure</i>	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%								
<i>Valencia</i>	<i>Extremad.</i>	<i>Galicia</i>	<i>Madrid</i>	<i>Murcia</i>	<i>Navarra</i>	<i>P. Vasco</i>	<i>Rioja</i>	<i>TOTAL</i>									
<i>SECONDARY</i>																	
<i>raw direct expenditure</i>																	
imputed exp. on special education	242.3	218.2	145.8	320.6													
imputed overhead costs	7.4	6.2	5.7	11.2													
<i>adjusted direct expenditure</i>																	
<i>ratio secondary/primary</i>																	
in adjusted expenditure																	
in student enrollment	0.852	0.919	1.213	0.711	0.903	1.109	0.763	1.044	0.784								
<i>predicted expenditure ratio</i>																	
<i>UNIVERSITY</i>																	
<i>raw expenditure</i>																	
tuition fees paid by households	867.2	163.5	154.9	49.3	205.5	70.2	121.4	395.0	852.8								
tuition waivers	-157.0	-33.6	-25.8	-7.8	-21.4	-13.0	-16.6	-60.0	-161.3								
R&D expenditure	-44.2	-4.7	-4.3	-1.1	-5.2	-1.9	-5.7	-13.3	-19.5								
<i>adjusted direct expenditure</i>	-259.9	-36.6	-40.3	-22.9	-65.9	-16.1	-31.4	-110.9	-304.4								
<i>predicted expenditure ratio</i>	406.1	88.6	84.4	17.5	113.0	39.2	67.8	210.8	367.6								
<i>SECONDARY</i>																	
<i>raw direct expenditure</i>																	
imputed exp. on special education	195.0	6.0	6.9	6.4	2.0	0.0	0.3	2.2									
imputed overhead costs	52.4	13.6	44.0	3.5	0.4	0.3	0.1										
<i>adjusted direct expenditure</i>	891.4	214.7	688.5	915.5	243.2	159.6	674.2	61.5	8,915.7								
<i>predicted expenditure ratio</i>	1.184	0.890	1.023	0.899	1.216	1.280	1.258										
<i>UNIVERSITY</i>																	
<i>raw expenditure</i>																	
tuition fees paid by households	623.2	96.0	347.7	956.1	151.3	58.0	237.5	45.2	5,394.8								
tuition waivers	-101.9	-11.4	-57.3	-141.8	-23.3	-6.9	-21.6	-4.7	-805.4								
R&D expenditure	-204.8	-28.3	-105.1	-301.2	-42.1	-2.0	-8.4	-0.9	-175.2								
<i>adjusted direct expenditure</i>	298.1	51.5	174.4	488.6	80.5	18.5	122.8	1.8	31.0								

Table A.5: Direct expenditure by regional education departments on secondary and university education, adjusted estimates

	<i>Andalucía</i>	<i>Aragón</i>	<i>Asturias</i>	<i>Baleares</i>	<i>Canarias</i>	<i>Cantabria</i>	<i>C.-y León</i>	<i>Cataluña</i>	<i>Castilla-La Mancha</i>	<i>Extremadura</i>	<i>Galicia</i>	<i>Madrid</i>	<i>Murcia</i>	<i>Navarra</i>	<i>P. Vasco</i>	<i>Rioja</i>	<i>TOTAL</i>
<i>childhood and primary</i>	1,366.5	181.0	148.2	133.9	425.0	327.6	763.9	933.0									
secondary and vocational training	1,263.4	242.3	218.2	145.8	414.2	320.6	217.5	1,184.8									
special education	87.3	19.8	13.4	17.0	13.9	32.4	37.5										
compensatory education	30.3			5.3	1.7	2.1	19.7										
other programmes	140.6	17.5	11.9	12.1	26.1	18.6	18.6										
<i>subtotal, raw direct expenditure</i>	2,888.1	460.7	391.7	314.0	880.8	701.3	69.8										
<i>total expenditure</i>	3,044.3	488.9	421.9	344.9	975.2	235.0	771.0	1,070.8	2,397.7								
<i>childhood and primary</i>																	
secondary and vocational training	833.3	215.8	553.7	822.6	245.9	114.8	474.8	41.2	7,436.7								
special education	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0								
compensatory education	52.4	14.6	15.8	14.6	14.6	14.6	14.6	14.6	14.6								
other programmes	105.6	240.2	167.0	508.4	131.2	364.0	585.1	1,283.7									
<i>subtotal, raw direct expenditure</i>	933.0	933.0	933.0	933.0	933.0	933.0	933.0	933.0	933.0								
<i>total expenditure</i>	1,698.8	472.7	1,207.9	1,880.0	533.2	306.5	1,240.4	117.3	17,206.6								
<i>childhood and primary</i>																	
secondary and vocational training	688.8	215.8	553.7	822.6	245.9	114.8	474.8	41.2	7,436.7								
special education	833.3	195.0	510.5	861.1	228.0	144.7	614.2	54.7	7,448.2								
compensatory education	52.4	14.6	15.8	14.6	14.6	14.6	14.6	14.6	14.6								
other programmes	105.6	240.2	167.0	508.4	131.2	364.0	585.1	1,283.7									
<i>subtotal, raw direct expenditure</i>	933.0																

Table A.6: Expenditure on secondary and vocational education

	<i>Andalucía</i>	<i>Aragón</i>	<i>Asturias</i>	<i>Baleares</i>	<i>Canarias</i>	<i>Cantabria</i>	<i>C.-Moncha</i>	<i>C. y León</i>	<i>Cataluña</i>	<i>1,283.7</i>
<i>PUBLIC EXPENDITURE</i>										<i>585.1</i>
adjusted direct exp. by regional govts.	1,523.3	264.3	240.2	167.0	508.4	131.2	364.0			
non-tuition subsidies	44.0	2.1	3.1	0.6	10.5	1.5	6.2	8.4	7.9	
imputed soc. sec. contributions	118.2	19.5	18.9	12.0	42.6	9.7	29.2	44.1	87.9	
expenditure by other administrations	28.6	3.6	3.9	4.5	9.0	1.9	6.4	6.9	52.5	
<i>total public expenditure</i>	1,714.0	289.5	266.1	184.2	570.5	144.3	405.7	644.5	1,431.9	
<i>PRIVATE EXPENDITURE</i>										
educational fees paid to private centers	58.9	15.5	13.9	10.4	25.8	3.8	7.4	23.0	162.9	
non-tuition subsidies	-44.0	-2.1	-3.1	-0.6	-10.5	-1.5	-6.2	-8.4	-7.9	
<i>net private expenditure</i>	15.0	13.5	10.8	9.8	15.3	2.3	1.3	14.6	155.0	
<i>TOTAL EXPENDITURE</i>	1,729.0	303.0	276.9	194.0	585.8	146.6	407.0	659.1	1,586.9	
<i>PUBLIC EXPENDITURE</i>										<i>TOTAL</i>
adjusted direct exp. by regional govts.	891.4	214.7	688.5	915.5	243.2	159.6	674.2	61.5	8,915.7	
non-tuition subsidies	9.3	8.2	10.7	7.0	4.5	1.5	8.6	0.4	134.5	
imputed soc. sec. contributions	66.6	17.1	55.3	66.9	19.0	12.0	44.7	4.6	668.2	
expenditure by other administrations	21.3	3.2	9.6	26.1	5.7	4.8	13.0	0.5	201.5	
<i>total public expenditure</i>	988.6	243.1	764.1	1,015.5	272.4	178.0	740.6	66.9	9,919.9	
<i>PRIVATE EXPENDITURE</i>										
tuition fees paid to private centers	52.9	4.7	31.1	170.1	7.5	5.3	57.9	1.7	652.9	
non-tuition subsidies	-9.3	-8.2	-10.7	-7.0	-4.5	-1.5	-8.6	-0.4	-134.5	
<i>net private expenditure</i>	43.7	-3.4	20.4	163.1	3.0	3.7	49.3	1.3	518.4	
<i>TOTAL EXPENDITURE</i>	1,032.2	239.6	784.4	1,178.6	275.4	181.7	789.9	68.3	10,438.3	

Table A.7: Expenditure on university education

	<i>Andalucía</i>	<i>Aragón</i>	<i>Asturias</i>	<i>Baleares</i>	<i>Canarias</i>	<i>Cantabria</i>	<i>C.-Mancha</i>	<i>C. y León</i>	<i>Cataluña</i>	<i>367.6</i>
<i>PUBLIC EXPENDITURE</i>										
adjusted direct exp. by regional govts.	406.1	88.6	84.4	17.5	113.0	39.2	67.8	210.8	367.6	
non-tuition subsidies	77.2	5.5	5.5	0.9	9.1	2.1	9.2	25.9	22.0	
scholarships (tuition waivers)	44.2	4.7	4.3	1.1	5.2	1.9	5.7	13.3	19.5	
imputed soc. sec. contributions	54.0	11.3	10.2	2.4	12.4	4.8	8.0	25.3	48.8	
<i>total public expenditure</i>	581.5	110.1	104.4	22.0	139.7	48.0	90.7	275.3	457.9	
<i>PRIVATE EXPENDITURE</i>										
tuition fees paid to public universities	157.0	33.6	25.8	7.8	21.4	13.0	16.6	60.0	161.3	
tuition fees paid to private universities	21.0	7.2	3.9	3.1	0.0	1.7	0.0	24.4	146.4	
non-tuition subsidies	-77.2	-5.5	-5.5	-0.9	-9.1	-2.1	-9.2	-25.9	-22.0	
<i>net private expenditure</i>	100.9	35.3	24.2	10.0	12.3	12.7	7.4	58.4	285.7	
<i>TOTAL EXPENDITURE</i>	682.4	145.4	128.6	31.9	152.0	60.7	98.1	333.8	743.6	
<i>PUBLIC EXPENDITURE</i>										
adjusted direct exp. by regional govts.	298.1	51.5	174.4	488.6	80.5	18.5	122.8	31.0	2,660.3	
non-tuition subsidies	32.7	15.0	22.6	27.7	6.9	6.9	7.3	1.0	277.6	
scholarships (tuition waivers)	18.4	4.8	10.9	24.5	5.4	2.0	8.4	0.9	175.2	
imputed soc. sec. contributions	37.2	6.0	21.6	58.3	9.7	2.4	13.6	3.3	329.3	
<i>total public expenditure</i>	386.5	77.3	229.4	599.1	102.5	20.7	152.1	36.2	3,442.4	
<i>PRIVATE EXPENDITURE</i>										
tuition fees paid to public universities	101.9	11.4	57.3	141.8	23.3	6.9	21.6	4.7	865.4	
tuition fees paid to private universities	19.5	1.6	9.2	274.7	5.1	24.8	54.4	1.6	598.8	
non-tuition subsidies	-32.7	-15.0	-22.6	-27.7	-6.9	-6.9	-7.3	-1.0	-277.6	
<i>net private expenditure</i>	88.7	-2.0	44.0	388.8	21.5	24.8	68.7	5.3	1,186.6	
<i>TOTAL EXPENDITURE</i>	475.2	75.4	273.3	987.9	124.0	54.6	220.8	41.5	4,629.1	

Table A.26: Mincerian wage equation, detailed results

	Andalucía	Aragón	Asturias	Baleares	Canarias	Cantabria	C.-León	C.-Mancha	Cataluña
<i>sex (male)</i>	0.22872 (11.84)	0.30419 (7.62)	0.15319 (8.68)	0.19479 (3.97)	0.27424 (11.37)	0.23401 (6.55)	0.24107 (11.74)	0.227396 (12.67)	0.273401 (23.60)
<i>potential experience</i>	0.04927 (21.52)	0.05177 (11.21)	0.05085 (12.14)	0.04225 (5.87)	0.03863 (11.43)	0.04652 (7.45)	0.05454 (16.51)	0.05086 (17.15)	0.055339 (23.27)
<i>potential experience squared</i>	-0.00056 (12.70)	-0.00068 (7.00)	-0.00064 (8.65)	-0.00055 (4.64)	-0.00041 (6.67)	-0.00053 (5.01)	-0.00067 (12.42)	-0.00065 (12.19)	-0.00072 (17.78)
<i>years of schooling (S)</i>	0.07905 (27.97)	0.05991 (8.52)	0.0589 (11.15)	0.08297 (14.11)	0.0799 (16.54)	0.07044 (10.04)	0.07524 (24.99)	0.08274 (18.11)	0.07933 (25.99)
<i>coal mining</i>									
<i>constant</i>	5.59744 (150.71)	5.78128 (113.37)	5.75203 (75.03)	5.66484 (39.04)	5.6379 (84.01)	5.558 (53.21)	5.4962 (98.51)	5.62227 (96.59)	5.62227 (123.88)
<i>no. of observations</i>	13,768	8,046	5,690	4,790	7,273	9,570	7,329	22,565	
<i>population size</i>	370,474	370,474	78,968	68,369	141,769	33,554	175,787	104,987	793,997
<i>R-squared</i>	0.38925	0.33978	0.27347	0.29302	0.30326	0.34398	0.36484	0.41451	0.40163
<i>Valencia</i>	<i>Extremad.</i>	<i>Galicia</i>	<i>Madrid</i>	<i>Murcia</i>	<i>Navarra</i>	<i>P. Vasco</i>	<i>Rioja</i>	<i>SPAIN</i>	
0.24673 (12.88)	0.19612 (7.79)	0.21611 (11.06)	0.20951 (15.51)	0.28051 (6.50)	0.22834 (15.48)	0.2249 (13.00)	0.2249 (12.64)	0.22917 (38.06)	
0.04794 (18.75)	0.03876 (10.16)	0.04816 (14.90)	0.06026 (29.23)	0.04926 (12.71)	0.04135 (17.26)	0.05088 (17.92)	0.04352 (14.27)	0.05377 (58.76)	
-0.0006 (13.03)	-0.00032 (3.83)	-0.00056 (9.61)	-0.00078 (19.98)	-0.00058 (9.64)	-0.00051 (11.66)	-0.0006 (11.70)	-0.00049 (9.27)	-0.00066 (39.70)	
0.07885 (23.68)	0.08519 (16.99)	0.083 (20.58)	0.09015 (40.12)	0.07858 (13.31)	0.0594 (17.17)	0.07768 (19.72)	0.08383 (15.22)	0.08383 (69.31)	
<i>coal mining</i>									
<i>constant</i>	5.5812 (109.44)	5.50845 (80.75)	5.48278 (79.95)	5.52911 (139.97)	5.49429 (80.85)	5.98099 (103.56)	5.89804 (116.84)	5.6039 (93.44)	5.55158 (325.35)
<i>no. of observations</i>	13,783	390,883	36,110	188,212	681,918	5,611	5,629	11,324	154,478
<i>population size</i>	370,887	0.37644	0.383369	0.452	0.35761	0.3824	0.36955	0.39051	0.3938
<i>R-squared</i>									

Table A.27: Wage equation with dummies by educational level, detailed results

Andalucía Aragón Asturias Baleares Canarias Cantabria C.-León C.-Mancha Cataluña

	Andalucía	Aragón	Asturias	Baleares	Canarias	C.-León	C.-Mancha	Cataluña	
<i>sex (male)</i>	0.22266 (12.19)	0.29692 (8.99)	0.29515 (8.62)	0.16879 (6.28)	0.19304 (11.60)	0.26711 (6.46)	0.23201 (12.31)	0.22888 (12.70)	0.26385 (24.00)
<i>potential experience</i>	0.04945 (21.73)	0.05098 (13.29)	0.05265 (14.12)	0.0422 (6.56)	0.03786 (11.49)	0.04609 (7.42)	0.05501 (15.84)	0.04904 (17.48)	0.05564 (23.06)
<i>potential experience squared</i>	-0.0006 (13.38)	-0.0007 (8.03)	-0.00069 (10.24)	-0.00057 (5.27)	-0.00043 (7.18)	-0.00053 (5.11)	-0.0007 (12.28)	-0.00064 (12.91)	-0.00075 (20.23)
<i>lower secondary (EGB)</i>	0.04416 (1.81)	-0.01591 (0.23)	0.00597 (0.16)	0.0554 (1.75)	0.08262 (3.21)	0.12665 (3.58)	0.09132 (3.37)	0.09042 (3.68)	0.06029 (3.66)
<i>upper secondary (Bachillerato)</i>	0.51473 (17.03)	0.33955 (5.08)	0.32379 (10.33)	0.56191 (11.33)	0.51105 (11.33)	0.48156 (5.37)	0.4916 (12.73)	0.58024 (13.44)	0.47344 (10.82)
<i>basic vocational training (FP I)</i>	0.27447 (0.96)	0.16511 (3.79)	0.23043 (5.01)	0.48902 (7.17)	0.26369 (5.83)	0.3521 (7.18)	0.30397 (9.07)	0.35461 (9.57)	0.30503 (12.96)
<i>advanced vocational training (FP II)</i>	0.49867 (11.36)	0.33041 (4.73)	0.28712 (7.59)	0.42876 (9.35)	0.41746 (9.59)	0.41003 (8.86)	0.49818 (15.30)	0.59735 (13.11)	0.47098 (17.95)
<i>University, first cycle</i>	0.72569 (22.55)	0.55714 (7.69)	0.64543 (11.92)	0.78939 (12.22)	0.80784 (17.47)	0.64337 (13.53)	0.71756 (18.05)	0.84482 (15.77)	0.75985 (29.25)
<i>University, second cycle</i>	1.00284 (28.53)	0.84172 (18.43)	0.77417 (11.25)	0.88773 (12.77)	1.11235 (15.09)	1.04416 (13.13)	1.01311 (14.64)	0.9788 (18.39)	1.01657 (30.07)
<i>coal mining</i>	0.56265 (8.04)	0.38454 (12.69)	0.38454 (12.69)	0.48369 (11.34)					
<i>constant</i>	6.10215 (187.47)	6.19641 (148.96)	6.07786 (110.22)	6.26293 (60.69)	6.17303 (131.04)	6.04862 (73.58)	6.00043 (125.40)	6.02123 (149.88)	6.12868 (186.02)
<i>no. of observations</i>	13,768	8,046	5,690	4,790	7,273	3,554	9,570	7,329	22,565
<i>population size</i>	370,474	124,947	79,868	68,369	141,769	33,954	175,787	104,987	793,997
<i>R-squared</i>	0.42247	0.37803	0.39032	0.33876	0.33729	0.36668	0.38888	0.44611	0.44076

- Note: the reference group is primary or no schooling.

Table A.27: Wage equation with dummies by educational level, detailed results (continued)

	<i>Valencia</i>	<i>Extremad.</i>	<i>Galicia</i>	<i>Madrid</i>	<i>Murcia</i>	<i>Navarra</i>	<i>P. Vasco</i>	<i>Rioja</i>	<i>SPAIN</i>
<i>sex (male)</i>	0.23986 (11.70)	0.19246 (7.69)	0.2148 (11.48)	0.19237 (15.34)	0.20252 (6.57)	0.27728 (15.03)	0.21995 (14.08)	0.22078 (13.74)	0.2209 (38.60)
<i>potential experience</i>	0.04804 (19.55)	0.03784 (10.12)	0.04903 (14.69)	0.06372 (33.01)	0.0475 (11.47)	0.0428 (17.90)	0.05355 (20.20)	0.04014 (13.26)	0.05453 (61.32)
<i>potential experience squared</i>	-0.00064 (14.29)	-0.00031 (3.78)	-0.00059 (10.12)	-0.00088 (23.25)	-0.00056 (9.37)	-0.00056 (12.26)	-0.00067 (13.77)	-0.00048 (9.10)	-0.00071 (43.59)
<i>lower secondary (EGB)</i>	0.08507 (3.75)	0.18024 (4.33)	0.10355 (4.33)	0.0436 (1.76)	0.2142 (5.32)	0.02942 (1.45)	0.02234 (0.85)	0.08234 (3.16)	0.05809 (6.70)
<i>upper secondary (Bachillerato)</i>	0.52984 (15.12)	0.62438 (12.30)	0.55021 (15.23)	0.44107 (17.20)	0.59781 (9.03)	0.28962 (8.28)	0.34172 (6.41)	0.55198 (7.68)	0.49803 (34.59)
<i>basic vocational training (FP I)</i>	0.28114 (6.99)	0.40582 (7.55)	0.39178 (12.27)	0.23168 (7.00)	0.39366 (5.62)	0.23282 (8.99)	0.21011 (7.89)	0.38403 (4.57)	0.30923 (26.04)
<i>advanced vocational training (FP II)</i>	0.49664 (13.11)	0.46477 (9.14)	0.53405 (8.40)	0.48808 (8.17)	0.45184 (7.68)	0.37631 (16.90)	0.32189 (14.08)	0.43043 (7.11)	0.49635 (24.13)
<i>University, first cycle</i>	0.7488 (18.17)	0.82187 (13.45)	0.83154 (21.00)	0.78121 (27.64)	0.74803 (6.66)	0.58717 (17.11)	0.58872 (19.28)	0.72891 (12.74)	0.76875 (64.17)
<i>University, second cycle</i>	0.94706 (26.99)	1.14538 (14.21)	1.07014 (21.93)	1.08939 (38.65)	1.01996 (38.65)	0.84152 (14.78)	0.90088 (17.31)	0.95879 (25.19)	1.07506 (18.86)
<i>coal mining</i>									
<i>constant</i>	6.08009 (145.30)	5.98604 (104.82)	5.95653 (132.12)	6.10349 (195.48)	5.92272 (74.48)	6.33861 (156.18)	6.24947 (155.49)	6.13986 (130.94)	6.07976 (442.80)
<i>no. of observations</i>	13.783	3.304	9.656	19.353	5.611	5.629	11.324	3.233	154.478
<i>population size</i>	390.883	36.110	188.212	681.918	66.850	63.839	226.196	21.593	3.569.753
<i>R-squared</i>	0.39478	0.40422	0.49116	0.37069	0.41627	0.41326	0.42082	0.4297	

Table A.28: Participation equation with years of schooling, detailed results

	<i>Andalucía</i>	<i>Aragón</i>	<i>Asturias</i>	<i>Baleares</i>	<i>Canarias</i>	<i>Cantabria</i>	<i>C.-León</i>	<i>C.-Mancha</i>	<i>Cataluña</i>
<i>sex (male)</i>	0.08198 (15.20)	0.07185 (6.86)	0.08652 (5.96)	0.03933 (2.82)	0.07298 (7.99)	0.09138 (5.47)	0.09169 (13.12)	0.10670 (12.44)	0.05040 (7.93)
<i>years of schooling (S)</i>	0.03364 (45.96)	0.03026 (21.57)	0.03529 (19.48)	0.01860 (10.41)	0.03439 (27.89)	0.02493 (12.18)	0.03697 (38.50)	0.03792 (31.31)	0.02778 (32.59)
<i>university student</i>	-0.60024 (78.00)	-0.60029 (36.42)	-0.60947 (33.00)	-0.60110 (22.78)	-0.55638 (36.19)	-0.64434 (28.48)	-0.60223 (57.16)	-0.65069 (48.78)	-0.59105 (51.38)
<i>non-university student</i>	-0.47757 (67.40)	-0.39733 (28.22)	-0.52965 (28.12)	-0.52396 (24.31)	-0.39211 (33.71)	-0.59162 (44.66)	-0.42920 (39.06)	-0.42920 (49.75)	-0.47048 (49.67)
<i>potential experience</i>	0.03291 (48.35)	0.04027 (31.44)	0.02917 (16.12)	0.02788 (17.49)	0.03435 (30.73)	0.02993 (14.25)	0.03878 (43.95)	0.03359 (31.28)	0.02699 (36.00)
<i>potential experience squared</i>	-0.00085 (65.80)	-0.00093 (39.00)	-0.00076 (23.12)	-0.00071 (23.98)	-0.00084 (20.20)	-0.00079 (54.20)	-0.00087 (41.28)	-0.00082 (49.67)	-0.00069 (49.67)
<i>married</i>	-0.27000 (41.90)	-0.27412 (22.79)	-0.26364 (16.50)	-0.18995 (12.89)	-0.19985 (18.69)	-0.20966 (16.76)	-0.28010 (33.66)	-0.30079 (30.65)	-0.17227 (24.46)
<i>married*male</i>	0.40870 (58.32)	0.38608 (30.12)	0.33374 (19.04)	0.31375 (18.73)	0.38173 (31.60)	0.42403 (21.13)	0.37915 (43.25)	0.45298 (43.21)	0.30378 (40.09)
<i>children below six</i>	-0.12241 (15.68)	-0.10953 (4.11)	-0.07177 (4.08)	-0.07254 (4.85)	-0.10832 (3.83)	-0.07254 (6.84)	-0.07713 (6.84)	-0.11530 (9.71)	-0.13254 (13.51)
<i>children below six * male</i>	0.20742 (14.95)	0.09192 (2.78)	0.24594 (5.50)	0.13858 (4.19)	0.13584 (5.13)	0.27156 (4.18)	0.18322 (7.89)	0.19551 (7.79)	0.15505 (8.82)
<i>no. of observations</i>	89,946	21,472	14,297	11,302	26,518	10,564	48,810	35,908	49,222
<i>predicted probability</i>	0.63485	0.71221	0.58231	0.73556	0.65274	0.63084	0.68391	0.68392	0.76137

^aNote: the equation also contains quarter and year dummies. Their coefficients are not reported.

Table A.28: Participation equation with years of schooling, detailed results (continued)

	<i>Valencia</i>	<i>Extremad.</i>	<i>Galicia</i>	<i>Madrid</i>	<i>Murcia</i>	<i>Navarra</i>	<i>P. Vasco</i>	<i>Rioja</i>	<i>SPAIN</i>
<i>sex (male)</i>	0.05503 (7.17)	0.11104 (9.49)	0.07516 (8.78)	0.05375 (3.57)	0.05297 (4.08)	0.08772 (6.02)	0.03508 (3.61)	0.09587 (4.50)	0.07201 (32.41)
<i>years of schooling (S)</i>	0.02767 (27.43)	0.03354 (21.35)	0.02984 (25.99)	0.02473 (21.82)	0.02788 (16.37)	0.03142 (15.73)	0.03120 (24.90)	0.02934 (11.06)	0.03180 (108.59)
<i>university student</i>	-0.60365 (48.93)	-0.66109 (36.30)	-0.64162 (49.01)	-0.65520 (48.74)	-0.61296 (31.02)	-0.661136 (28.92)	-0.62916 (45.11)	-0.70158 (22.09)	-0.62071 (181.24)
<i>non-university student</i>	-0.42629 (42.00)	-0.53734 (32.35)	-0.49600 (42.18)	-0.59942 (41.93)	-0.45712 (26.23)	-0.47630 (23.77)	-0.47972 (38.77)	-0.62958 (19.75)	-0.47715 (155.86)
<i>potential experience</i>	0.03124 (35.19)	0.02948 (20.67)	0.03035 (30.01)	0.03567 (29.25)	0.03238 (19.79)	0.03819 (21.00)	0.04488 (37.85)	0.03328 (12.23)	0.03327 (121.64)
<i>potential experience squared</i>	-0.00079 (47.17)	-0.00070 (29.47)	-0.00082 (38.74)	-0.00090 (38.36)	-0.00090 (26.59)	-0.00106 (47.63)	-0.00084 (16.71)	-0.00106 (160.13)	-0.00081 (160.13)
<i>married</i>	-0.22435 (26.79)	-0.22308 (16.87)	-0.13719 (14.48)	-0.34175 (30.96)	-0.27267 (18.04)	-0.28362 (16.11)	-0.30681 (27.52)	-0.29012 (12.64)	-0.24746 (96.41)
<i>married*male</i>	0.37662 (41.53)	0.39236 (27.00)	0.27556 (25.91)	0.43525 (38.82)	0.41220 (25.29)	0.36797 (33.72)	0.37962 (16.97)	0.42222 (136.32)	0.37717 (136.32)
<i>children below six</i>	-0.15274 (13.95)	-0.08216 (5.17)	-0.10316 (6.40)	-0.06222 (4.20)	-0.15450 (8.47)	-0.11733 (4.86)	-0.08579 (5.41)	-0.12560 (4.16)	-0.11175 (32.92)
<i>childeen below six * male</i>	0.17891 (8.92)	0.16887 (5.35)	0.23771 (7.93)	0.15780 (4.30)	0.23517 (7.24)	0.20968 (3.93)	0.16274 (4.82)	0.16505 (2.73)	0.18954 (29.71)
<i>no. of observations</i>	40,469	19,840	33,573	27,436	14,643	10,340	27,365	6,499	488,704
<i>predicted probability</i>	0.71822	0.67360	0.67619	0.70588	0.67247	0.72350	0.69950	0.68977	0.68404

- Note: the equation also contains quarter and year dummies. Their coefficients are not reported.

Table A.29: Participation equation with dummies by educational level, detailed results

	<i>Andalucía</i>	<i>Aragón</i>	<i>Asturias</i>	<i>Baleares</i>	<i>Canarias</i>	<i>Cantabria</i>	<i>C.-León</i>	<i>C.-Mancha</i>	<i>Cataluña</i>
<i>sex (male)</i>	0.08211 (15.06)	0.06942 (6.56)	0.08529 (5.81)	0.04011 (2.86)	0.07433 (8.08)	0.09776 (5.79)	0.09307 (13.14)	0.10785 (12.39)	0.05092 (7.98)
<i>lower secondary (EGB)</i>	0.06560 (12.56)	0.07318 (6.83)	0.08162 (5.91)	0.03460 (2.65)	0.10093 (11.56)	0.01257 (0.74)	0.07216 (10.14)	0.08686 (10.75)	0.07902 (13.43)
<i>upper secondary (Bachillerato)</i>	0.07074 (9.72)	0.08604 (6.37)	0.12846 (7.33)	0.04680 (2.86)	0.10868 (9.36)	0.02458 (1.15)	0.11261 (12.44)	0.09019 (7.75)	0.09415 (12.13)
<i>basic vocational training (FP I)</i>	0.15043 (17.94)	0.14807 (10.02)	0.20713 (9.22)	0.13193 (5.71)	0.17327 (12.57)	0.06958 (2.85)	0.16418 (15.46)	0.18980 (14.21)	0.11500 (14.49)
<i>advanced vocational training (FP II)</i>	0.25421 (26.73)	0.22723 (14.15)	0.30073 (12.84)	0.16021 (6.49)	0.27520 (18.35)	0.19791 (7.92)	0.24556 (21.92)	0.25137 (16.54)	0.19557 (21.72)
<i>University; first cycle</i>	0.27707 (34.29)	0.23569 (17.50)	0.28365 (12.91)	0.16977 (7.66)	0.27517 (19.56)	0.20293 (8.24)	0.26810 (29.32)	0.27159 (22.79)	0.20073 (23.39)
<i>University; second cycle</i>	0.31351 (32.70)	0.25228 (16.01)	0.35662 (14.55)	0.19181 (7.45)	0.31342 (19.40)	0.29210 (9.07)	0.30898 (29.09)	0.31437 (23.86)	0.22379 (24.64)
<i>university student</i>	-0.57623 (65.76)	-0.57167 (31.88)	-0.60009 (29.56)	-0.57148 (20.05)	-0.52415 (30.86)	-0.63593 (25.32)	-0.57590 (49.31)	-0.62394 (40.58)	-0.55443 (44.06)
<i>non-university student</i>	-0.47136 (65.57)	-0.39586 (27.82)	-0.52807 (27.72)	-0.51831 (23.97)	-0.38513 (32.71)	-0.58289 (26.07)	-0.42440 (43.32)	-0.46674 (38.04)	-0.47552 (48.42)
<i>potential experience</i>	0.03200 (46.84)	0.03598 (30.87)	0.02882 (15.90)	0.02787 (17.42)	0.03389 (30.25)	0.03017 (14.32)	0.03795 (42.82)	0.03224 (29.96)	0.02664 (35.51)
<i>potential experience squared</i>	-0.00084 (65.01)	-0.00093 (38.48)	-0.00076 (23.07)	-0.00072 (23.90)	-0.00084 (38.47)	-0.00082 (38.47)	-0.00087 (53.72)	-0.00081 (40.47)	-0.00068 (49.14)
<i>married</i>	-0.27115 (42.00)	-0.27497 (22.84)	-0.26075 (16.30)	-0.19534 (13.11)	-0.19779 (18.48)	-0.30796 (16.65)	-0.27783 (33.37)	-0.29876 (30.39)	-0.17194 (24.41)
<i>married*male</i>	0.40868 (58.19)	0.38679 (30.15)	0.35101 (18.83)	0.31339 (18.73)	0.37939 (31.41)	0.41955 (20.79)	0.37692 (42.92)	0.45176 (43.03)	0.30231 (39.95)
<i>children below six</i>	-0.12480 (15.97)	-0.06717 (4.29)	-0.11735 (4.68)	-0.07697 (4.06)	-0.07452 (4.97)	-0.11095 (3.92)	-0.08039 (7.11)	-0.11921 (9.98)	-0.13409 (13.62)
<i>childeen below six * male</i>	0.20713 (15.01)	0.09343 (2.84)	0.25168 (5.69)	0.13832 (4.20)	0.13655 (5.16)	0.27596 (4.27)	0.18450 (8.05)	0.19539 (7.87)	0.15634 (8.99)
<i>no. of observations</i>	89,946	21,472	14,297	11,302	26,518	10,564	48,810	35,908	49,222
<i>predicted probability</i>	0.63558	0.71301	0.58337	0.73672	0.65401	0.63250	0.68476	0.68455	0.76248

- Note: the equation also contains quarter and year dummies. Their coefficients are not reported. The reference group is primary or no schooling.

Table A.29: Participation equation with dummies by educational level, detailed results (continued)

- Note: the equation also contains quarter and year dummies. Their coefficients are not reported. The reference group is primary or no schooling.

Table A.31: Employment equation with dummies by educational level, detailed results

	Andalucía	Aragón	Asturias	Baleares	Canarias	Cantabria	C.-León	C.-Mancha	Cataluña
<i>sex (male)</i>	0.11101 (20.09)	0.10204 (14.13)	0.10695 (8.35)	0.06388 (6.68)	0.07763 (9.07)	0.13040 (8.36)	0.113981 (22.61)	0.12246 (16.11)	0.07378 (14.91)
<i>lower secondary (EGB)</i>	0.08011 (15.12)	0.01551 (1.71)	0.00866 (0.57)	0.00923 (0.98)	0.02849 (3.54)	-0.00152 (0.08)	0.03521 (4.90)	0.04832 (6.50)	0.02846 (5.36)
<i>upper secondary (Bachillerato)</i>	0.17454 (24.22)	0.05572 (5.41)	0.08773 (4.97)	0.05145 (4.54)	0.08910 (8.75)	0.04871 (2.22)	0.09605 (11.56)	0.10145 (10.43)	0.08777 (14.02)
<i>basic vocational training (FP I)</i>	0.09734 (11.56)	0.03892 (3.43)	0.05319 (2.45)	0.05925 (4.12)	0.03666 (2.88)	0.00585 (0.23)	0.03718 (3.62)	0.02808 (2.28)	0.05792 (8.42)
<i>advanced vocational training (FP II)</i>	0.14679 (30.35)	0.05855 (5.37)	0.07842 (4.12)	0.07805 (5.80)	0.08050 (6.47)	0.09879 (4.66)	0.09436 (10.70)	0.08925 (7.96)	0.08157 (11.96)
<i>University, first cycle</i>	0.21768 (30.70)	0.06060 (5.92)	0.11662 (6.34)	0.06296 (4.59)	0.12997 (11.44)	0.12454 (5.40)	0.11069 (13.29)	0.12550 (12.67)	0.11208 (17.11)
<i>University, second cycle</i>	0.22412 (30.35)	0.06564 (6.27)	0.12869 (6.91)	0.07891 (5.92)	0.13437 (11.13)	0.13230 (5.71)	0.10948 (12.63)	0.12088 (12.04)	0.10685 (16.79)
<i>university student</i>	-0.07868 (4.71)	-0.06011 (2.97)	-0.14486 (2.68)	-0.01853 (0.56)	-0.00667 (0.27)	-0.03013 (0.50)	-0.15356 (8.70)	-0.11264 (4.67)	-0.06138 (4.11)
<i>non-university student</i>	-0.17966 (15.04)	-0.16096 (10.67)	-0.32656 (8.01)	-0.09376 (3.47)	-0.08531 (5.62)	-0.34191 (6.98)	-0.24188 (18.92)	-0.21721 (14.01)	-0.09916 (8.58)
<i>potential experience</i>	0.01801 (25.92)	0.01157 (12.23)	0.02200 (12.83)	0.00771 (6.00)	0.01191 (10.23)	0.01863 (9.41)	0.01779 (21.93)	0.01461 (16.88)	0.01012 (15.64)
<i>potential experience squared</i>	-0.00019 (12.76)	-0.00015 (7.29)	-0.00025 (6.36)	-0.00008 (2.88)	-0.00012 (4.64)	-0.00021 (4.57)	-0.00021 (12.04)	-0.00019 (10.39)	-0.00011 (7.71)
<i>no. of observations</i>	89,946	21,472	14,297	11,302	26,518	10,564	48,810	35,908	49,222
<i>predicted probability</i>	0.72043	0.88870	0.79652	0.90428	0.82845	0.77775	0.82399	0.82157	0.87152

- Note: the equation also contains quarter and year dummies. Their coefficients are not reported. The reference group is primary or no schooling.

Table A.31: Employment equation with dummies by educational level, detailed results (continued)

	Valencia	Extremad.	Galicia	Madrid	Murcia	Navarra	P. Vasco	Rioja	SPAIN
<i>sex (male)</i>	0.10227 (15.53)	0.13570 (11.62)	0.10975 (12.84)	0.06790 (9.19)	0.11588 (10.24)	0.07878 (8.01)	0.11616 (15.72)	0.13860 (7.41)	0.10702 (53.21)
<i>lower secondary (EGB)</i>	0.02078 (2.95)	0.07980 (7.49)	0.02556 (2.89)	0.01863 (2.01)	0.04070 (3.27)	0.00467 (0.34)	-0.00151 (0.14)	0.00263 (0.13)	0.05058 (24.20)
<i>upper secondary (Bachillerato)</i>	0.09964 (10.97)	0.16456 (11.34)	0.08073 (7.29)	0.10017 (10.18)	0.09533 (5.95)	0.00253 (0.15)	0.07941 (6.66)	0.05377 (2.06)	0.11941 (46.64)
<i>basic vocational training (FP I)</i>	0.04527 (4.35)	0.07906 (4.26)	0.02673 (1.85)	0.06961 (5.13)	0.03245 (1.82)	0.01750 (1.13)	0.03220 (2.58)	0.04665 (1.75)	0.07258 (24.04)
<i>advanced vocational training (FP II)</i>	0.09525 (9.50)	0.16270 (9.15)	0.09261 (7.26)	0.08387 (7.23)	0.08765 (5.02)	0.04149 (2.84)	0.09350 (8.70)	0.06543 (2.57)	0.11515 (41.93)
<i>University, first cycle</i>	0.12257 (13.26)	0.18483 (13.00)	0.13758 (11.15)	0.10744 (10.04)	0.11822 (7.42)	0.05065 (3.63)	0.13268 (11.88)	0.08883 (3.84)	0.14418 (55.12)
<i>University, second cycle</i>	0.13012 (14.30)	0.21242 (13.78)	0.14426 (11.54)	0.11002 (11.52)	0.12216 (7.53)	0.04184 (2.83)	0.11595 (10.59)	0.05793 (2.13)	0.14636 (56.00)
<i>university student</i>	-0.10053 (5.08)	-0.08483 (2.03)	-0.20753 (6.15)	-0.01986 (0.86)	-0.10352 (2.76)	-0.04523 (1.51)	-0.11509 (1.89)	-0.15888 (4.35)	-0.02914 (14.51)
<i>non-university student</i>	-0.18728 (14.45)	-0.22459 (7.66)	-0.34377 (15.59)	-0.225548 (8.83)	-0.28395 (10.81)	-0.04603 (2.58)	-0.15401 (9.13)	-0.34128 (5.46)	-0.19459 (43.37)
<i>potential experience</i>	0.01444 (17.24)	0.01560 (10.36)	0.01285 (12.81)	0.01543 (13.40)	0.01019 (10.62)	0.01550 (8.31)	0.01550 (14.05)	0.01765 (8.11)	0.01517 (58.71)
<i>potential experience squared</i>	-0.00019 (10.29)	-0.00014 (4.80)	-0.00017 (6.26)	-0.00020 (6.41)	-0.00012 (6.24)	-0.00018 (4.17)	-0.00018 (6.98)	-0.00029 (6.04)	-0.00017 (29.38)
<i>no. of observations</i>	40,469	19,840	33,573	27,436	14,643	10,340	27,865	6,499	488,704
<i>predicted probability</i>	0.82631	0.74498	0.78580	0.83481	0.80816	0.90847	0.82732	0.84162	0.80836

- Note: the equation also contains quarter and year dummies. Their coefficients are not reported. The reference group is primary or no schooling.