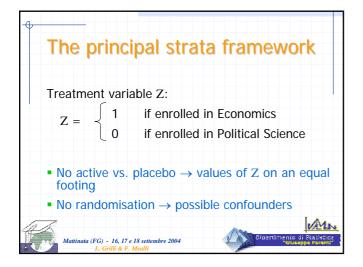
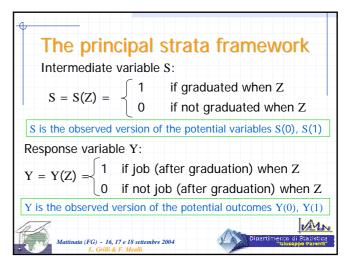


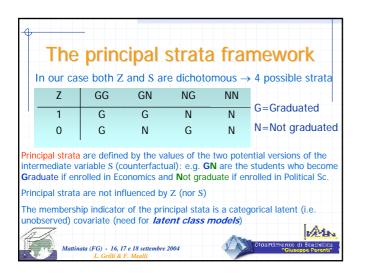
1941 freshme	n belong	to the ex	amined ²	1992's
cohort: 1068				
Sciences. By	the end	of the	year 200	0 the
status of the s	students i	s the follo	wing:	
Degree	Dropped	Graduated	Still enrolled	Total
Programme		270	253	1068
Programme Economics	545 51.03%	25.28%	23.69%	

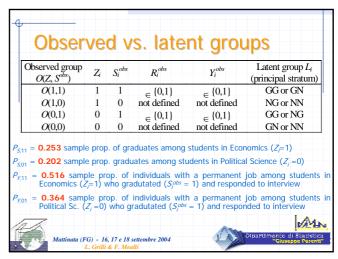
egree	Graduated	Interviewed	
rogramme Economics	270	186	job 96 51.61% **
olitical Sciences	176	99 56.25% *	36 36.36% **
Interviewed/Graduate II interviewed gra tatus. Apart from	iduates respo 21 students		question on ted before 1

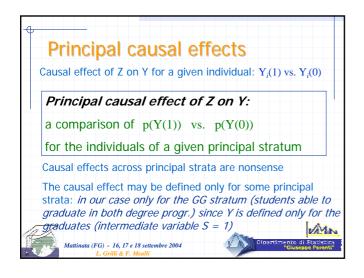
Covariate	Economics (n=1068)	Political Science (n=873)
Female	0.41	0.54
Residence in Florence	0.23	0.31
Gymnasium	0.34	0.45
Late enrollment	0.06	0.22
High grade	0.37	0.25
Covariates are import is not randomized!	ant since the treatmen	t

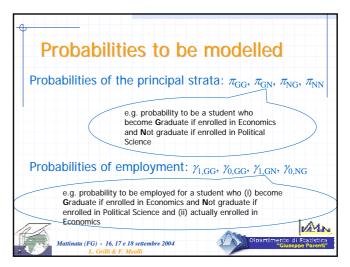


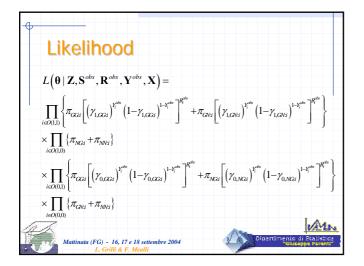


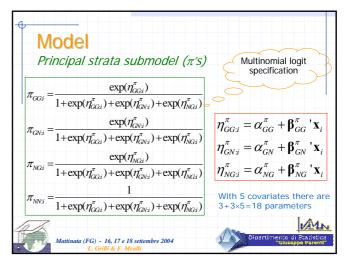


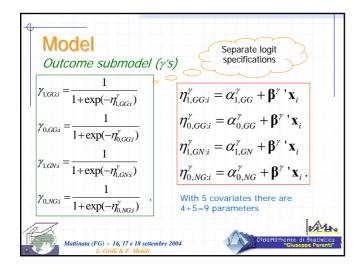


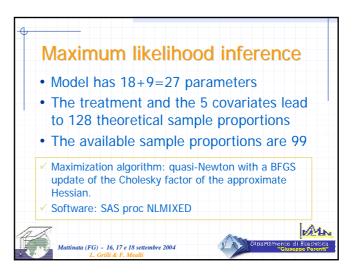


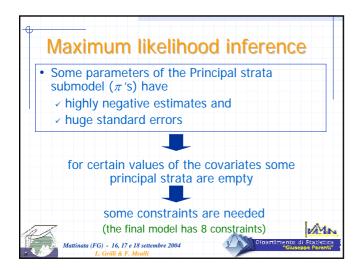


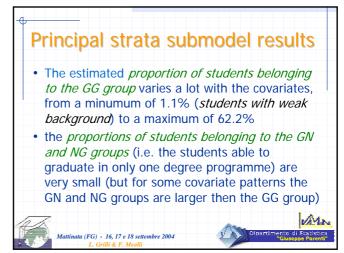


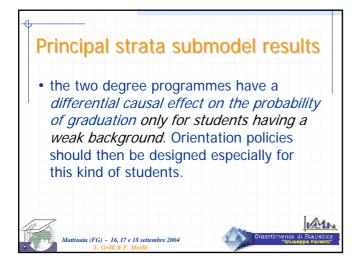


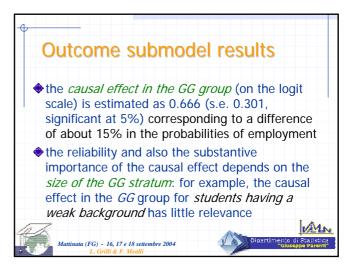


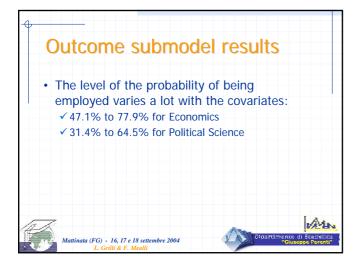














		Initial model	Final model	Ĺ
	Number of parameters	27	21	İ
	Deviance (-2logL)	2231.8	2231.8	
S	Principal strata submodel (π 's)			Ĺ
4	$lpha_{GG}^{\pi}$	-4.403 (0.449)	-4.402 (0.448)	l l
S	α_{GN}^{π}	-2.644 (0.749)	-2.647 (0.752)	Ĺ
e	$\alpha_{_{NG}}^{\pi}$	-3.206 (0.836)	-3.207 (0.835)	İ
<u>a</u>	$\beta^{\pi}_{GG,gymnasium}$	1.275 (0.157)	1.275 (0.157)	Ĺ
ğ	$\beta^{\pi}_{_{GN,gymnasium}}$	-5.757 (n.a.)	- 00	Ĺ
Ĕ	$\beta^{\pi}_{\scriptscriptstyle NG,gymnasium}$	-15.041 (n.a.)	- 00	Ĺ
ā	$\beta^{\pi}_{GG,high_grade}$	1.204 (0.146)	1.205 (0.146)	Ĺ
SU	$\beta_{GN,high_grade}^{\pi}$	1.113 (0.653)	1.113 (0.652)	İ
Principal strata submodel results	$\beta^{\pi}_{NG,high_grade}$	-8.092 (114.022)	- 00	İ
	$\beta^{\pi}_{_{GG,regular_enrolment}}$	2.024 (0.425)	2.023 (0.425)	İ
5	$\beta_{GN,regular_enrolment}^{\pi}$	-0.012 (0.788)	-0.009 (0.792)	Ĺ
<u>~</u>	$\beta^{\pi}_{\scriptscriptstyle NG, regular_enrotment}$	-8.140 (64.473)	- 00	Ĺ
a	$\beta^{\pi}_{GG, female}$	0.117 (0.137)	0.117 (0.137)	Ĺ
- <u>5</u> -	$\beta^{\pi}_{_{GN,female}}$	-0.617 (0.753)	-0.622 (0.755)	İ.
<u> </u>	$\beta^{\pi}_{NG, female}$	0.988 (1.112)	0.991 (1.111)	Ĺ
2	$\beta^{\pi}_{GG,Florence}$	0.280 (0.144)	0.280 (0.144)	İ
	$\beta^{\pi}_{GN,Florence}$	-13.499 (559.599)	- 00	Ĺ
	$\beta^{\pi}_{\scriptscriptstyle NG,Florence}$	-10.353 (533.855)	- 20	Ĺ

Outcome submodel results

	Initial	model	Final model		
Number of parameters		27		21	
Deviance (-2logL)		2231.8		2231.8	
Outcome submodel (γ 's)					
$lpha_{1,GG}^{\gamma}$	1.257	(1.240)	1.262	(1.241	
$lpha_{0,GG}^{\gamma}$	-1.357	(1.561)	-1.365	(1.568	
$lpha_{1,GN}^{\gamma}$	0.593	(1.185)	0.596	(1.185	
$lpha_{0,NG}^{\gamma}$	0.498	(1.057)	0.484	(1.058	
$eta_{ ext{gymnasium}}^{\gamma}$	-0.405	(0.374)	-0.410	(0.374	
$eta_{\scriptstyle high_grade}^{\gamma}$	-0.035	(0.262)	-0.036	(0.263	
$eta_{regular_enrolment}^{\gamma}$	-0.933	(0.979)	-0.932	(0.979	
$eta_{\it female}^{\gamma}$	0.072	(0.272)	0.070	(0.272	
$\beta_{Florence}^{\gamma}$	0.106	(0.333)	0.104	(0.333	
Causal effect $\alpha_{1,GG}^{\gamma} - \alpha_{0,GG}^{\gamma}$	0.664	(0.301)	0.666	(0.301	

Estimated probabilities (per cent) for some covariates' patterns									
Probability	00000	00100	00110	00101	01100	10100	11100	11111	
π_{GGi}	1.1	8.0	9.1	10.9	20.3	24.9	52.5	62.2	
π_{GNi}	6.3	6.0	3.3	0.0	14.0	0.0	0.0	0.0	
π_{NGi}	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
π_{NNi}	89.0	86.0	87.6	89.1	65.7	75.1	47.5	37.8	
7 _{1,661}	77.9	58.2	59.9	60.7	57.3	48.0	47.1	51.5	
7 _{0,GG:1}	64.5	41.7	43.4	44.2	40.8	32.2	31.4	35.3	
$\gamma_{1,GN:i}$	61.9	39.0	40.7	41.5	38.1	29.8	29.0	32.8	
γ _{0,NG1}	20.3	9.1	9.7	10.0	8.9	6.3	6.1	7.1	
Causal effect $\gamma_{1,GGi} - \gamma_{0,GGi}$	13.5	16.5	16.5	16.4	16.5	15.8	15.7	16.2	

Note: the pattern $(x_1, x_2, x_3, x_4, x_5)$ stands for $Gymnasium = x_1$, $High \ grade = x_2$, $Regular enrolment = x_3$, $Female = x_4$, $Florence = x_5$.