



## **Results from the micro analyses: Norway**

Berlin February 28-29 2008

Vibeke Opheim

# Microeconomic analysis

---

## ■ Data sources

- Eurostudent data (Students' Level of Living Survey conducted by Statistics Norway 2005)
  - Includes survey and register data:
    - National tax register 2004
    - NSELF register 2004

## ■ Prototype groups (students)

- Total sample: 1027 full-time students in the age group 19-24 who studies at public higher education institutions
- Grouped by socio-economic background and accommodation status
- Low number of students living with their parents
- 7 prototype groups included in the analyses

## Microeconomic analysis

---

- Construction of variables
  - Missing data on parents' income
- Alternative variable: Parents' education
  - Divided in four (five) groups:
    - 1) parents with lower levels of education
    - 2) (one or two) parents with upper secondary education
    - 3) one parent with higher education
    - 4) two parents with higher education
    - 5) *(both parents with unknown education)*

# Microeconomic analysis

**Table 3a: Living away from parents: Income**

Income	SES level 1	SES level 2	SES level 3	SES level 4	F
Grants	27635	24304	25887	26046	7.459***
Public loans	34923	40180	41029	43582	9.104***
Private loans					
Earnings	53308	58472	55562	46194	4.901***
Family contributions (*4)	4923	16160	14232	23951	1.349
<b>Total income</b>	120788	139116	136711	139772	
<b>Public subsidies</b> (of the above):					
Grant	27635	24304	25887	26046	
Estimated loan subsidies	3220	3705	3783	4018	
<b>Sum public subsidies:</b>	30855	28009	29670	30064	
<b>% of total income</b>	26	20	22	22	
N=939-945	N=13	N=360-363	N=264-267	N=285	

# Microeconomic analysis

**Table 3b: Living together with parents: Income**

Income	SES level 1	SES level 2	SES level 3	SES level 4	F
Grants		7158	7792	8592	0.167
Public loans		31780	32626	28633	0.244
Private loans					
Earnings		63358	55716	47820	1.579
Family contributions		10624	4485	9710	0.513
<b>Total income</b>		112920	100620	94755	
<b>Public subsidies</b> (of the above):					
Grant		7158	7792	8592	
Estimated loan subsidies		2930	3008	2640	
<b>Sum public subsidies:</b>		10089	10801	11232	
<b>% of total income</b>		9	11	12	
N=99	<b>N=3</b>	N=34	N=33	N=29	

# Microeconomic analysis

**Table 3a: Living away from parents: Expenditures**

Expenditures	SES level 1	SES level 2	SES level 3	SES level 4	F
<b>Cost of study:</b>					
Tuition fees	0	0	0	0	
Study related costs	6377	5795	5671	6256	0.475
<b>Cost of living:</b>					1.242
Accommodation	39975	43149	42125	44876	0.867
Maintenance costs	48571	59260	60815	64311	1.840
Others	21748	37588	36247	35079	1.590
<b>Total</b>	116671	145793	144857	150522	
N=928	N=13	N=357-363	N=262-267	N=279-285	

# Microeconomic analysis

**Table 3a: Living away from parents: Expenditures**

Expenditures	SES level 1	SES level 2	SES level 3	SES level 4	F
<b>Cost of study:</b>					
Tuition fees	0	0	0	0	
Study related costs	6377	5795	5671	6256	0.475
<b>Cost of living:</b>					1.242
Accommodation	39975	43149	42125	44876	0.867
Maintenance costs	48571	59260	60815	64311	1.840
Others	21748	37588	36247	35079	1.590
<b>Total</b>	116671	145793	144857	150522	
N=928	N=13	N=357-363	N=262-267	N=279-285	

# Microeconomic analysis

**Table 4b: Living together with parents: Expenditures**

Expenditures	SES level 1	SES level 2	SES level 3	SES level 4	F
<b>Cost of study:</b>					
Tuition fees		0	0	0	
Study related costs		6109	5358	5516	0.805
<b>Cost of living:</b>					2.318
Accommodation		147	152	121	0.099
Maintenance costs		46964	36765	39273	1.291
Others		33576	27673	21051	3.108*
<b>Total</b>		86797	69948	65961	
N=99	N=3	N=34	N=33	N=27-29	

# Microeconomic analysis

**Table 4b: Living together with parents: Expenditures**

Expenditures	SES level 1	SES level 2	SES level 3	SES level 4	F
<b>Cost of study:</b>					
Tuition fees		0	0	0	
Study related costs		6109	5358	5516	0.805
<b>Cost of living:</b>					2.318
Accommodation		147	152	121	0.099
Maintenance costs		46964	36765	39273	1.291
Others		33576	27673	21051	3.108*
<b>Total</b>		86797	69948	65961	
N=99	N=3	N=34	N=33	N=27-29	

## Microeconomic analysis: Comments and discussion

---

- Small income differences
- Small expenditure differences
- Public support rather evenly distributed among the prototype student groups
- Findings in accordance with central principles of the Norwegian educational policy
  - universal support
  - students as independent adults... are they?
- SES-differences?
  - Financial strategies: Family contributions or work?
  - Life-style differences?
  - Or other differences (geographical background etc)?

## Next steps

---

- Relating the country differences in educational policy to social differences in educational attainment
- Relating the country differences in educational policy to the country differences in returns to education
- Relating differences in students' income and expenses to retention, progression, and completion in higher education
- Relating differences in students' income and expenses to differences in achievements and learning outcomes