Institutt for samfunnsøkonomi

Eksamensoppgave i SØK3519 – Offentlig økonomi / Public Economics

Faglig kontakt under eksamen: Hans Bonesrønning
Tlf.: 73 59 17 64

Eksamensdato: 16. mai 2014
Eksamenstid (fra-til): 6 timer (09.00 – 15.00)
Sensurdato: 11. juni 2014


Målform/språk: Engelsk
Antall sider: 2 (inkl forside)
Antall sider vedlegg: 0
Problem 1 (50%)

a) According to optimal commodity taxation theory necessities should be highly taxed. Present the theory that leads to this recommendation.

b) Discuss the statement: Optimal commodity tax rates should be set so that the demand for all goods is reduced in equal proportions.

Problem 2 (15%)

Discuss arguments for public provision of health care and education.

Problem 3 (35%)

1. You are asked by the Norwegian government to analyze the effects of an educational accountability reform in Norway. The main objective is to analyze whether the reform has improved student achievement, but the Government is also worried that the 430 municipalities have implemented the reform very differently.

a) Describe how you will perform an analysis using the cross-sectional variation in reform implementation across the municipalities. Discuss the main econometric challenges, and propose solutions to these challenges. Will this analysis shed some light on the reform implementation in the municipalities?

Assume that the municipality of Oslo provides you with panel data: student achievement and student background characteristics are linked for fifth grade students in 5 cohorts before the reform and 3 cohorts after the reform.

b) Describe an analysis where you exploit these panel data to investigate the effects of the reform on student achievement. Discuss the main econometric challenges, and propose solutions.