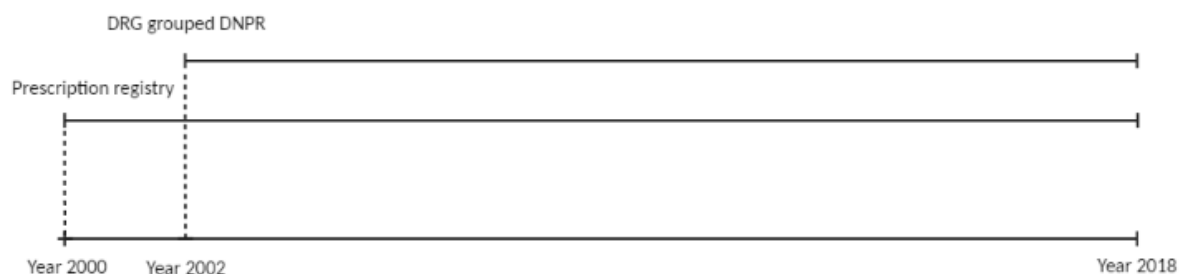


Title: Predictors and long-term patterns of medication adherence to glaucoma treatment in Denmark – A observational register study of 30,100 Danish patients with glaucoma

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Supplementary File 1. Timeline for subpopulations in analysis of healthcare expenses

Supplementary File 2a. Mean annual healthcare costs at year 5 and 10 from index date applying first year adherence		
	Hospital contacts	Redeemed glaucoma- related medicines
Fifth year from index date		
Poorly adherent	EUR 3,195.80	EUR 111.29
Highly adherent	EUR 3,042.11	EUR 262.92
Tenth year from index date		
Poorly adherent	EUR 3,037.87	EUR 80.01
Highly adherent	EUR 3,198.89	EUR 164.70

Supplementary File 2b. Mean annual healthcare costs at year 5 and 10 from index date applying first-two years adherence		
	Hospital contacts	Redeemed glaucoma- related medicines
Fifth year from index date		
Poorly adherent	EUR 3,223.17	EUR 103.93
Highly adherent	EUR 2,994.80	EUR 288.05
Tenth year from index date		
Poorly adherent	EUR 3,226.90	EUR 75.32
Highly adherent	EUR 2,989.04	EUR 179.37

Supplementary File 3. Loss-to-follow-up analysis (N=100,536)			
	Included population (Alive 10 years from index date) N (%)	Excluded population (Not alive 10 years from index date) N (%)	P (chi ² -test)
Total	30,100 (29.9)	70,436 (70.1)	
Age at index			< 0.001
<40 yrs.	1,367 (4.7)	2,172 (3.0)	
40-49 yrs.	2,601 (8.7)	3,501 (4.9)	
50-59 yrs.	6,026 (20.1)	8,235 (11.5)	
60-69 yrs.	9,494 (31.4)	18,372 (26.1)	
70-79 yrs.	8,278 (27.4)	23,182 (33.1)	
≥80 yrs.	2,334 (7.7)	14,974 (21.5)	
Sex			< 0.001
Female	17,251 (57.3)	37,425 (53.1)	
Male	12,849 (42.7)	33,011 (46.9)	
CCI-score			< 0.001
CCI = 0	24,091 (79.9)	48,010 (68.0)	
CCI = 1-2	4,954 (16.5)	16,785 (23.9)	
CCI ≥3	1,055 (3.6)	5,641 (8.1)	
Adherence (first-year)			< 0.001
Poorly adherent	13,633 (47.0)	30,767 (42.9)	
Highly adherent	16,467 (53.0)	39,669 (57.1)	