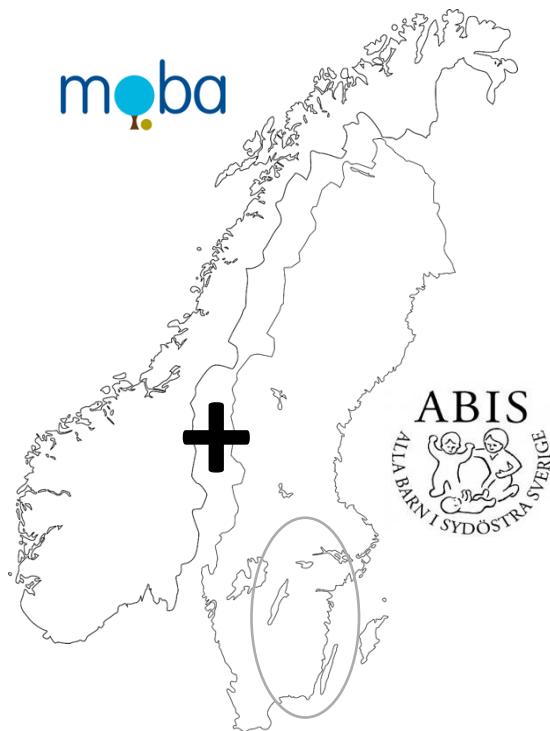


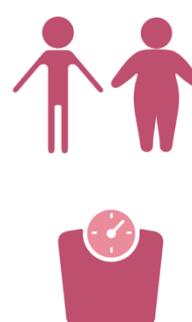
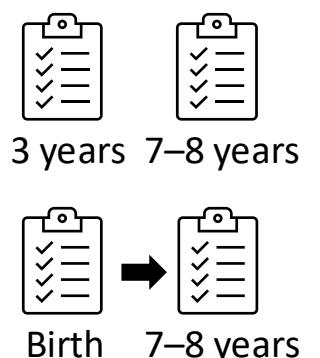
# In Two Large-Scale National Birth Cohorts, Living With Obesity at Ages 7–8 Years Was Associated With a 5-Fold Increased Risk of Developing Ulcerative Colitis.

## Study Population



→ 54,890 children  
→ 803,444 person-years  
→ 246 IBD events

## Exposures

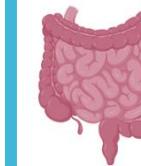


Obesity  
Normal weight

Overweight  
Thinness

BMI percentile trajectories between  
0 – 1 year, 0 – 3, and 3 – 7/8 years

## Outcome

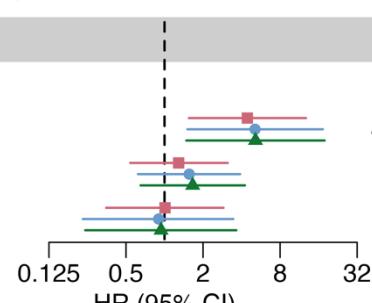


>2 ICD-10 codes for  
IBD in National  
Patient Registries

aHR: child's birth weight,  
parental origin, IBD, and BMI,  
maternal education level, and  
smoking habits; breastfeeding

## Main findings

Exposure	N	n event	Crude HR (95% CI)	Model 1 aHR (95% CI)	Model 2 aHR (95% CI)
BMI at age 7/8 years					
Normal weight	28,499	30	Reference	Reference	Reference
Obesity	813	4	4.44 (1.55, 12.75)	5.10 (1.51, 17.27)	5.14 (1.48, 17.84)
Overweight	4,416	6	1.29 (0.54, 3.12)	1.56 (0.62, 3.90)	1.66 (0.65, 4.25)
Underweight	4,350	4	1.01 (0.35, 2.89)	0.90 (0.23, 3.45)	0.94 (0.24, 3.64)



■ Crude   ■ Model 1 aHR   ■ Model 2 aHR