Survival analysis was performed to study the association between various antibiotics and ADA formation.

Primary exposures:
Most commonly prescribed antibiotics
A covariate for each antibiotic class

Secondary effects (confounders):
IBD therapy, hospitalizations, surgical procedures

Changes in the status of exposures over the duration of follow-up were captured and analyzed (time varying covariates)

Exposure status for an antibiotic (example)

Initiation of anti-TNF

Patients with IBD

1\textsuperscript{st} ADA+ or last ADA-

3 years

Time period for survival analysis

Time period for exposure status determination