

| Supplementary Table 1. International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) codes used for defining variable | |
|---|---|
| Autism Spectrum Disorder ^{a,b} | 299.90, 299.91, 299.80, 299.81, 299.00, 299.01 Excluding 330.8, 299.10, 299.11 |
| Ulcerative Colitis | 5560, 5561, 5562, 5563, 5564, 5565, 5566, 5568, 5569 |
| Crohn's Disease | 5550, 5551, 5552, 5559 |

^aBurke JP, Jain A, Yang W, et al. (2014). Does a claims diagnosis of autism mean a true case? *Autism*, 18(3): 321-30.

^bColeman KJ, Lutsky MA, Yau V, et al. (2015). Validation of Autism Spectrum Disorder Diagnoses in Large Healthcare Systems with Electronic Medical Records. *J Autism Dev Disord*, 45(7): 1989-96.