|  |  |  |
| --- | --- | --- |
|  | Cox Regression | Negative Binomial Regression |
|  | UnivariableHR (95% CI) | MultivariableHR (95% CI) | UnivariableIRR (95% CI) | MultivariableIRR (95% CI) |
| Diagnosis (vs CD) UC IBDU | 0.90 (0.43-1.89)2.22 (0.68-7.27) | 0.91 (0.43-1.93)2.27 (0.69-7.50) | 1.33 (0.36-4.94)2.85 (0.26-30.76) | 1.27 (0.37-4.37)4.13 (0.39-43.44) |
| Ethnicity (vs non-Jewish Caucasian) Jewish Caucasian Other | 0.99 (0.45-2.15)0.86 (0.36-2.07) | 1.05 (0.48-2.29)0.74 (0.30-1.87) | 0.72 (0.20-2.67)0.64 (0.13-3.23) | 0.81 (0.22-2.96)0.72 (0.15-3.37) |
| Age at diagnosis | 0.99 (0.91-1.07) | 0.98 (0.91-1.06) | 0.94 (0.81-1.08) | 0.93 (0.81-1.07) |
| Number of first-degree relatives | 1.17 (0.98-1.39) | 1.20 (1.00-1.45) | 1.28 (0.93-1.74) | 1.33 (0.98-1.80) |

HR = hazard ratio

CI = confidence interval

IRR = incidence rate ratio