**Table, Supplemental Digital Content 4.** Factors Associated with Vaccine Hesitancy in a Gastroenterology and Hepatology Practice (n=1215)

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| --- | --- | --- |
|  | **Univariable analysis** | **Multivariable analysis** |
|  | **OR** | **95% CI** | **P value** | **aOR** | **95% CI** | **P value** |
| Age 65 or greater (vs. < 65) | 0.54 | 0.37 | 0.8 | **0.002** | 0.52 | 0.30 | 0.92 | **0.024** |
| Female (vs. Male) | 1.84 | 1.33 | 2.54 | **<.001** | 2.02 | 1.40 | 2.91 | **<0.001** |
| Black (vs. non-Black) | 2.15 | 1.26 | 3.68 | **0.005** | 1.20 | 0.63 | 2.29 | 0.579 |
| Annual income < $20,000 (vs. $20,000 or greater) | 2.36 | 1.48 | 3.76 | **<0.001** | 2.17 | 1.26 | 3.74 | **0.005** |
| Medicare (vs. Other Insurance) | 0.76 | 0.54 | 1.08 | 0.128 | 1.10 | 0.65 | 1.85 | 0.723 |
| IBD (vs. cirrhosis/LT) | 0.84 | 0.61 | 1.16 | 0.29 | 0.71 | 0.46 | 1.09 | 0.113 |
| LT recipient (vs. cirrhosis/IBD) | 1.33 | 0.84 | 2.1 | 0.222 | 1.53 | 0.86 | 2.74 | 0.152 |
| Get annual flu vaccine (vs. not) | 0.11 | 0.08 | 0.17 | **<0.001** | 0.11 | 0.07 | 0.16 | **<.0001** |

OR: odds ratio, aOR: adjusted odds ratio, CI: confidence interval, IBD: inflammatory bowel disease, LTR: liver transplant recipient

Multivariable analysis is adjusted for all variables shown in the table. Vaccine hesitancy was defined as answering “strongly/somewhat disagree/neutral” to “If a COVID-19 vaccine is available to me, I will take it”.