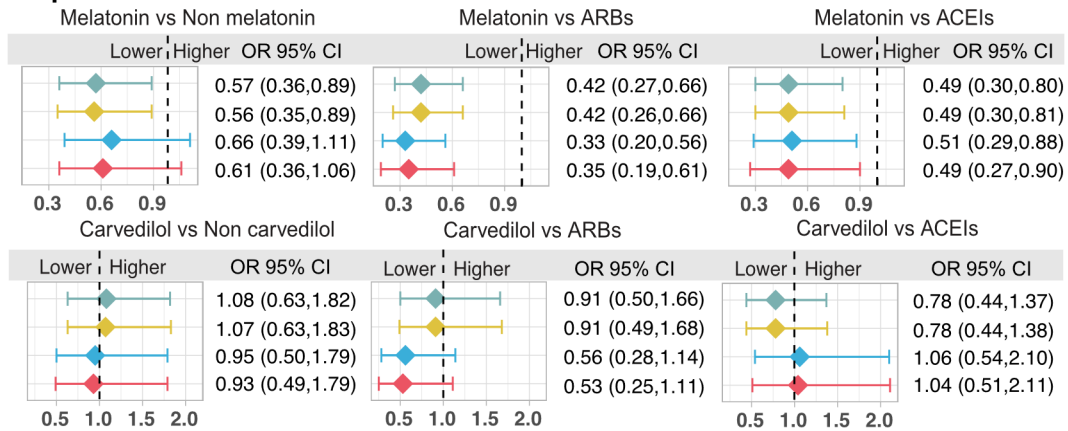
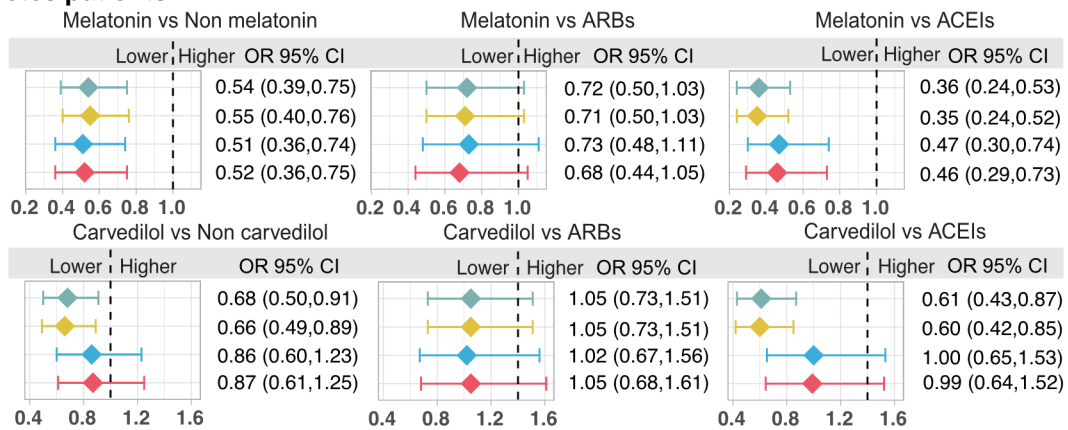


# S12 Fig

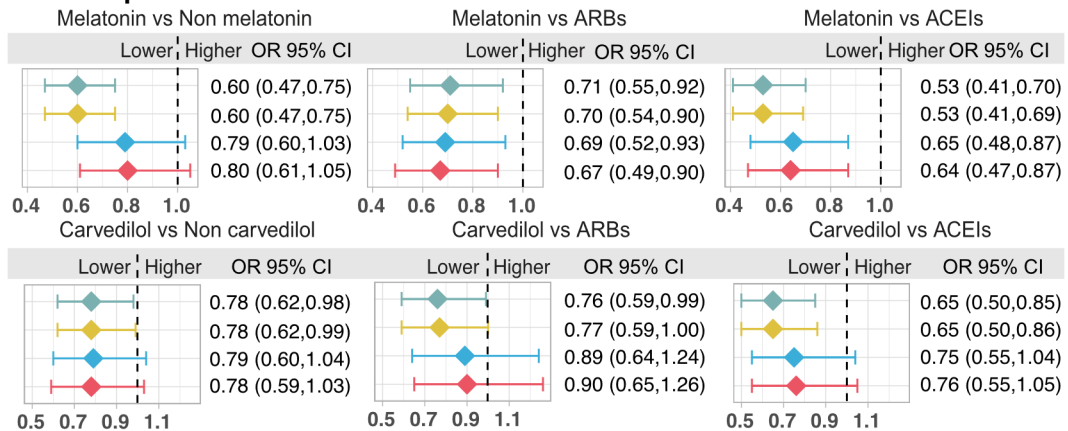
## A. Asthma patients



## B. Diabetes patients



## C. Hypertension patients



Propensity score matching using	Odds ratios of COVID-19 adjusted by
◆ age, sex, race, smoking	age, sex, race, smoking
◆ age, sex, race, smoking	age, sex, race, smoking
◆ age, sex, race, smoking, coronary artery disease, diabetes, hypertension, and COPD	age, sex, race, smoking, coronary artery disease, diabetes, hypertension, and COPD
◆ age, sex, race, smoking, coronary artery disease, diabetes, hypertension, and COPD	age, sex, race, smoking, coronary artery disease, diabetes, hypertension, and COPD

**S12 Fig. Patient-based validation of drug repurposing for COVID-19 using three different disease subgroups.** The disease subgroups are (A) asthma, (B) diabetes, and (C) hypertension. Four models were evaluated. These models were matched and adjusted using different variables as shown in the table. The variable that was used to extract each patient subgroup was not used for propensity score matching or odds ratio adjustment. ACEI, angiotensin-converting enzyme inhibitor. ARB, angiotensin II receptor blocker.