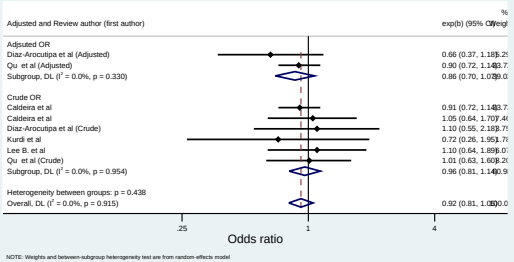
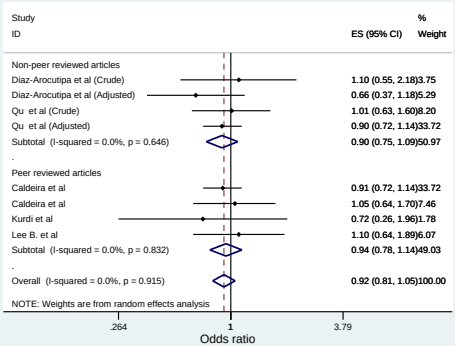
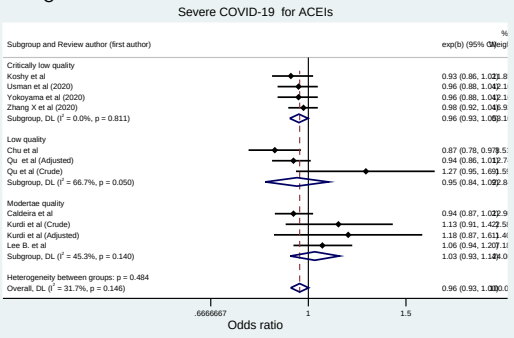
A


Severe COVID-19 for ACEIs
Adjusted and Review author (first author)
exp(b) (95% CI)
Adjsuted OR
Diaz-Arocutipa et al (Adjusted)
0.66 (0.37, 1.18)
Qu et al (Adjusted)
0.90 (0.72, 1.14)
Subgroup, DL (I² = 0.0%, p = 0.330)
0.86 (0.70, 1.07)
Crude OR
Caldeira et al
0.91 (0.72, 1.14)
Caldeira et al
1.05 (0.64, 1.70)
Diaz-Arocutipa et al (Crude)
1.10 (0.55, 2.18)
Kurdi et al
0.72 (0.26, 1.96)
Lee B. et al
1.10 (0.64, 1.89)
Qu et al (Crude)
1.01 (0.63, 1.60)
Subgroup, DL (I² = 0.0%, p = 0.954)
0.96 (0.81, 1.14)
Heterogeneity between groups: p = 0.438
Overall, DL (I² = 0.0%, p = 0.915)
0.92 (0.81, 1.05)
.25
1
4
Odds ratio
NOTE: Weights and between-subgroup heterogeneity test are from random-effects model

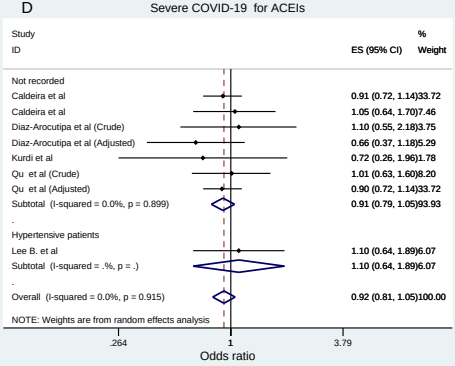
B


Severe COVID-19 for ACEIs
Study
ID
ES (95% CI)
Weight
Non-peer reviewed articles
Diaz-Arocutipa et al (Crude)
1.10 (0.55, 2.18)
3.75
Diaz-Arocutipa et al (Adjusted)
0.66 (0.37, 1.18)
5.29
Qu et al (Crude)
1.01 (0.63, 1.60)
8.20
Qu et al (Adjusted)
0.90 (0.72, 1.14)
33.72
Subtotal (I-squared = 0.0%, p = 0.646)
0.90 (0.75, 1.09)
50.97
Peer reviewed articles
Caldeira et al
0.91 (0.72, 1.14)
33.72
Caldeira et al
1.05 (0.64, 1.70)
7.46
Kurdi et al
0.72 (0.26, 1.96)
1.78
Lee B. et al
1.10 (0.64, 1.89)
6.07
Subtotal (I-squared = 0.0%, p = 0.832)
0.94 (0.78, 1.14)
49.03
Overall (I-squared = 0.0%, p = 0.915)
0.92 (0.81, 1.05)
100.00
NOTE: Weights are from random effects analysis
.264
1
3.79
Odds ratio

C


Severe COVID-19 for ACEIs
Subgroup and Review author (first author)
exp(b) (95% CI)
Critically low quality
Koshy et al
0.93 (0.86, 1.02)
Usman et al (2020)
0.96 (0.88, 1.04)
Yokoyama et al (2020)
0.96 (0.88, 1.04)
Zhang X et al (2020)
0.98 (0.92, 1.04)
Subgroup, DL (I² = 0.0%, p = 0.811)
0.96 (0.93, 1.00)
Low quality
Chu et al
0.87 (0.78, 0.97)
Qu et al (Adjusted)
0.94 (0.86, 1.01)
Qu et al (Crude)
1.27 (0.95, 1.69)
Subgroup, DL (I² = 66.7%, p = 0.050)
0.95 (0.84, 1.05)
Modertae quality
Caldeira et al
0.94 (0.87, 1.02)
Kurdi et al (Crude)
1.13 (0.91, 1.42)
Kurdi et al (Adjusted)
1.18 (0.87, 1.61)
Lee B. et al
1.06 (0.94, 1.20)
Subgroup, DL (I² = 45.3%, p = 0.140)
1.03 (0.93, 1.14)
Heterogeneity between groups: p = 0.484
Overall, DL (I² = 31.7%, p = 0.146)
0.96 (0.93, 1.00)
.6666667
1
1.5
Odds ratio
NOTE: Weights and between-subgroup heterogeneity test are from random-effects model

D


Severe COVID-19 for ACEIs
Study
ID
ES (95% CI)
Weight
Not recorded
Caldeira et al
0.91 (0.72, 1.14)
33.72
Caldeira et al
1.05 (0.64, 1.70)
7.46
Diaz-Arocutipa et al (Crude)
1.10 (0.55, 2.18)
3.75
Diaz-Arocutipa et al (Adjusted)
0.66 (0.37, 1.18)
5.29
Kurdi et al
0.72 (0.26, 1.96)
1.78
Qu et al (Crude)
1.01 (0.63, 1.60)
8.20
Qu et al (Adjusted)
0.90 (0.72, 1.14)
33.72
Subtotal (I-squared = 0.0%, p = 0.899)
0.91 (0.79, 1.05)
93.93
Hypertensive patients
Lee B. et al
1.10 (0.64, 1.89)
6.07
Subtotal (I-squared = .%, p = .)
1.10 (0.64, 1.89)
6.07
Overall (I-squared = 0.0%, p = 0.915)
0.92 (0.81, 1.05)
100.00
NOTE: Weights are from random effects analysis
.264
1
3.79
Odds ratio