### Supplemental Table S2. Adjusted ORs of Treatment and Outcome Variables in Coronavirus Disease 2019 Positive Patients with Type 2 Diabetes by Antidiabetic Drugs

| Variable | Ventilator | Oxygen therapy | Antibiotics | Antiviral drugs | Antipyretics | ICU admission | Pneumonia | In-hospital mortality |
|----------|------------|----------------|-------------|----------------|--------------|---------------|-----------|-----------------------|
|          | OR         | 95% CI         | P value     | OR             | 95% CI       | P value       | OR         | 95% CI                | P value | OR | 95% CI | P value |
| Insulin (n=92) | 0.28 (0.01–10.00) | 0.481 | 1.01 (0.32–3.25) | 0.9838 | 0.87 (0.28–2.71) | 0.8106 | 0.54 (0.20–1.50) | 0.2394 | 0.52 (0.19–1.40) | 0.1947 | 1.25 (0.24–6.58) | 0.7956 | 1.10 (0.32–3.79) | 0.8798 | 2.79 (0.41–18.75) | 0.2923 |
| Metformin (n=243) | 0.41 (0.02–7.51) | 0.548 | 1.57 (0.64–3.84) | 0.3243 | 1.63 (0.70–3.80) | 0.2603 | 1.13 (0.57–2.25) | 0.7248 | 1.11 (0.56–2.20) | 0.7763 | 1.87 (0.60–5.84) | 0.2796 | 1.57 (0.65–3.76) | 0.3128 | 3.19 (0.68–15.06) | 0.1426 |
| SU (n=73) | 0.10 (0.00–4.12) | 0.2229 | 0.74 (0.26–2.09) | 0.5678 | 0.62 (0.23–1.70) | 0.5651 | 0.91 (0.39–2.14) | 0.8244 | 0.66 (0.28–1.56) | 0.3466 | 2.40 (0.65–8.88) | 0.3895 | 1.00 (0.35–2.91) | 0.995 | 0.93 (0.21–4.25) | 0.9291 |
| TZD (n=13) | - | - | 0.47 (0.05–4.35) | 0.5025 | 1.40 (0.29–6.75) | 0.6739 | 2.52 (0.62–10.20) | 0.1958 | 1.71 (0.44–6.69) | 0.4391 | 2.08 (0.20–21.86) | 0.5426 | 1.68 (0.29–9.68) | 0.5616 | - | - |
| DPP-4i (n=173) | 0.28 (0.02–3.39) | 0.3189 | 0.58 (0.27–1.22) | 0.1504 | 0.60 (0.30–1.21) | 0.153 | 0.88 (0.48–1.63) | 0.694 | 0.70 (0.38–1.26) | 0.2332 | 1.08 (0.39–3.01) | 0.8791 | 1.08 (0.52–2.23) | 0.8401 | 0.82 (0.27–2.54) | 0.7317 |
| SGLT2i (n=15) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Meglitinide (n=5) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| AGI (n=2) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

ICU, intensive care unit; OR, odds ratio; CI, confidence interval; SU, sulfonylurea; TZD, thiazolidinedione; DPP-4i, dipeptidyl peptidase 4 inhibitor; SGLT2i, sodium-glucose cotransporter 2 inhibitor; AGI, alpha-glucosidase inhibitor.