

**Supplementary Table 1.** Current studies of multivariate analyses for severity outcomes in diabetes patients

Study	Number	Patient characteristic	Outcome for multivariate analyses	Mortality rate, %	aOR or aHR	aOR or aHR (95% CI)
United States						
Petrilli et al. [3]	2,729	Hospitalized	Mortality	24.3	aOR	1.23 (0.99–1.50)
Cummings et al. [5]	257	Critically ill	Mortality	39	aHR	1.31 (0.81–2.10)
Palaiodimos et al. [18]	200	Hospitalized	Mortality	24	aHR	1.16 (0.55–2.44)
United Kingdom						
Docherty et al. [20]	15,194	Hospitalized	Mortality	26	aHR	1.06 (0.99–1.14)
China						
Shi et al. [14]	306	Hospitalized, age, and sex-matched	Mortality	15.4	aHR	1.58 (0.84–2.99)
Guan et al. [16].	1,590	Hospitalized	Composite of ICU, ventilator, and mortality	3.1	aHR	1.59 (1.03–2.45)
Li et al. [17]	453	Hospitalized	Mortality	8.6	aHR	4.63 (1.02–21.0)
Italy						
Sardu et al. [13]	59	Hospitalized	Composite of ICU, ventilator, and mortality	10.2	aHR	5.81 (1.74–19.61)
Korea						
Chung et al. [19]	117	Hospitalized	Composite of ARDS, septic shock, and ICU care	5.5	aOR	10.77 (3.00–38.73)
Present study	5,307	All confirmed patient with age $\geq$ 30 years	Mortality	4.0	aOR	2.66 (1.90–3.73)

aOR, adjusted odds ratio; aHR, adjusted hazard ratio; CI, confidence interval; ICU, intensive care unit; ARDS, acute respiratory distress syndrome.