

## Supplementary material, Appendix 1

### Search strategy from each database

Search strategy for OVID MEDLINE database.

Step	Search Term
1	Chronic kidney disease" OR "CKD"
2	"End-stage kidney disease" OR "ESKD" OR "end-stage renal disease" OR "ESRD"
3	1 OR 2
4	"Mortality" OR "death" OR "survival"
5	"Area under curve" OR "AUC"
6	3 AND 4 AND 5

Search results: 250

Search strategy for EMBASE database.

("Chronic kidney disease" OR "CKD" OR "end-stage kidney disease" OR "ESKD" OR "end-stage renal disease" OR "ESRD") AND ("Mortality" OR "death" OR "survival") AND ("Area under curve" OR "AUC")

Search results: 567

### **Search strategy for Cochrane Library**

("Chronic kidney disease" OR "CKD" OR "end-stage kidney disease" OR "ESKD" OR "end-stage renal disease" OR "ESRD") AND ("Mortality" OR "death" OR "survival") AND ("Area under curve" OR "AUC")

Search results: 2529

**Supplemental Table 1 Risk of bias assessment**

	Representativeness of the exposed cohort	Ascertainment of exposure	Demonstration of outcome of interest not present at start of study	Assessment of outcome	Was follow-up long enough for outcomes to occur	Adequate follow-up duration
Dara, 2004 <sup>[19]</sup>	++	++	++	++		
Miskulin, 2004 <sup>[20]</sup>	+	++	++	++	++	++
Wang, 2007 <sup>[21]</sup>	++	++	++	+	++	++
Sun, 2008 <sup>[22]</sup>	++	+	++	++	++	++
Selim, 2010 <sup>[23]</sup>	++	++	++	++	++	++
Breidthardt, 2011 <sup>[24]</sup>	+	++	++	++	++	++
Tomaszuk-Kazberuk, 2011 <sup>[25]</sup>	++	++	++	++	++	++
Chiang, 2016 <sup>[26]</sup>	++	++	++	++	++	++
Sato, 2017 <sup>[27]</sup>	++	++	++	++	++	++
Wang, 2018 <sup>[28]</sup>	++	++	+	++	++	++
Wlazel, 2018 <sup>[29]</sup>	++	+	++	+	++	++
Danial, 2019 <sup>[30]</sup>	++	+	++	++	++	++
Jagadeswaran, 2019 <sup>[31]</sup>	++	+	++	++	++	++

Mukai, 2019 <sup>[32]</sup>	++	++	++	++	++	++
Pladys, 2020 <sup>[33]</sup>	++	++	+	++	++	++
Shahidi, 2020 <sup>[34]</sup>	++	++	++	+	++	++
Gan, 2021 <sup>[35]</sup>	++	+	++	+	++	++
Rroji, 2021 <sup>[36]</sup>	++	++	++	++	++	++