

Supplemental Table 1: Search strategy

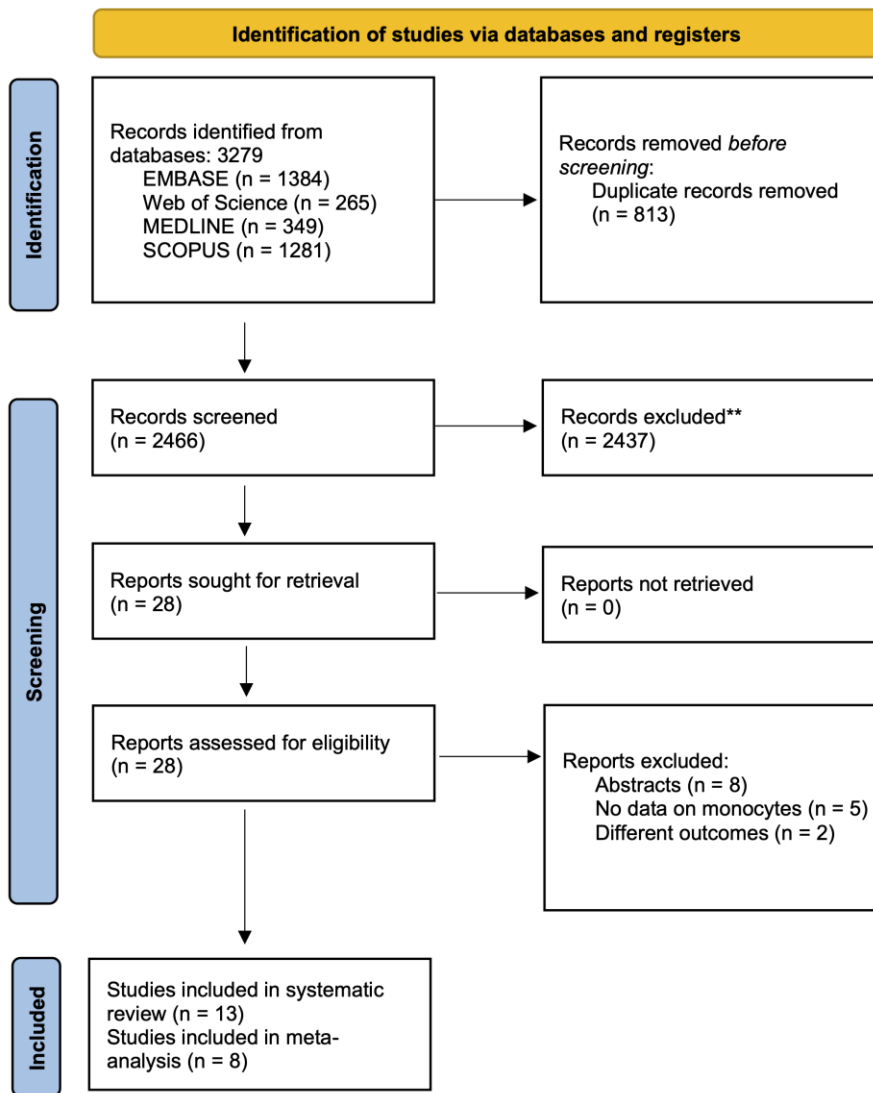
Medline (Ovid) < 1974 to 2022 December 8 >

Set	Search Statement
1	exp interstitial lung disease/
2	exp lung fibrosis/
3	exp fibrosing alveolitis/
4	exp allergic pneumonitis/
5	Interstitial lung disease* .tw,kf.
6	ILD.tw,kf.
7	interstitial lung abnormalit* .tw,kf.
8	ILA.tw,kf.
9	idiopathic pulmonary fibrosis.tw,kf.
10	IPF.tw,kf.
11	exp interstitial pneumonia/
12	non-IPF idiopathic interstitial pneumonia.tw,kf.
13	IIP.tw,kf.
14	fibrotic hypersensitivity pneumonitis.tw,kf.
15	FHP.tw,kf.
16	connective tissue related ILD.tw,kf.
17	CTD-ILD.tw,kf.
18	unclassifiable ILD.tw,kf.
19	uILD.tw,kf.
20	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19
21	exp monocyte/
22	exp monocyte count/
23	21 or 22
24	20 and 23

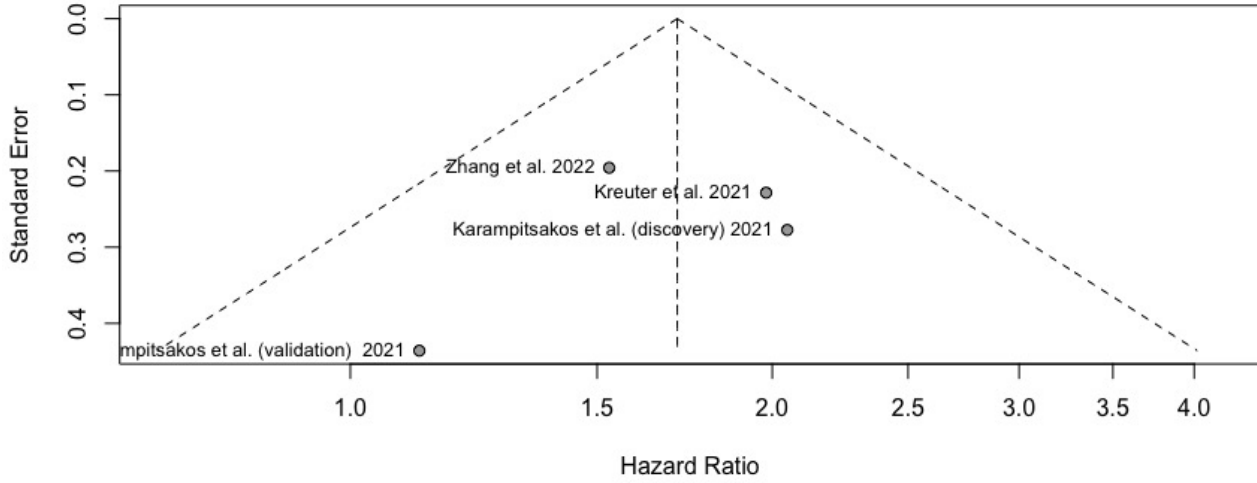
This search strategy was amended for Embase.

Supplemental Table 2. Risk of bias assessment

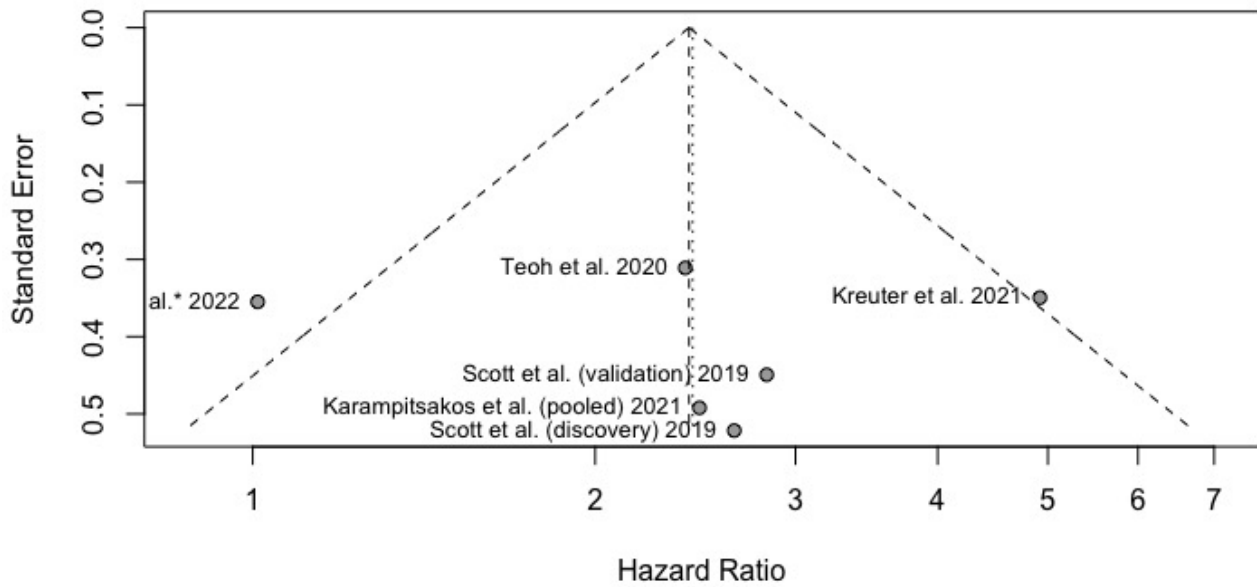
First author, year	Selection	Comparability	Outcome	Overall
Achaiah, 2021	★★★★★	★	★★★	8
Achaiah, 2022	★★★	★	★★	6
Achaiah, 2022 (NLR)	★★★★★	★	★★★	8
Karampitsakos, 2021	★★★★★	★	★★★	8
Kreuter, 2021	★★★★★	★	★★★	8
Scott, 2019	★★★★★	★	★★★	8
Teoh, 2020	★★★★★	★	★★★	8
Zhang, 2022	★★★★★	★	★★★	8
Barratt, 2021	★★★★★	★	★★★	8
Bernardinello, 2022	★★★★★	★	★★★	8
Kim, 2021	★★★★★	★	★★★	8
Lv, 2022	★★★	★	★★★	7
Shao, 2022	★★★★★	★	★★★	8



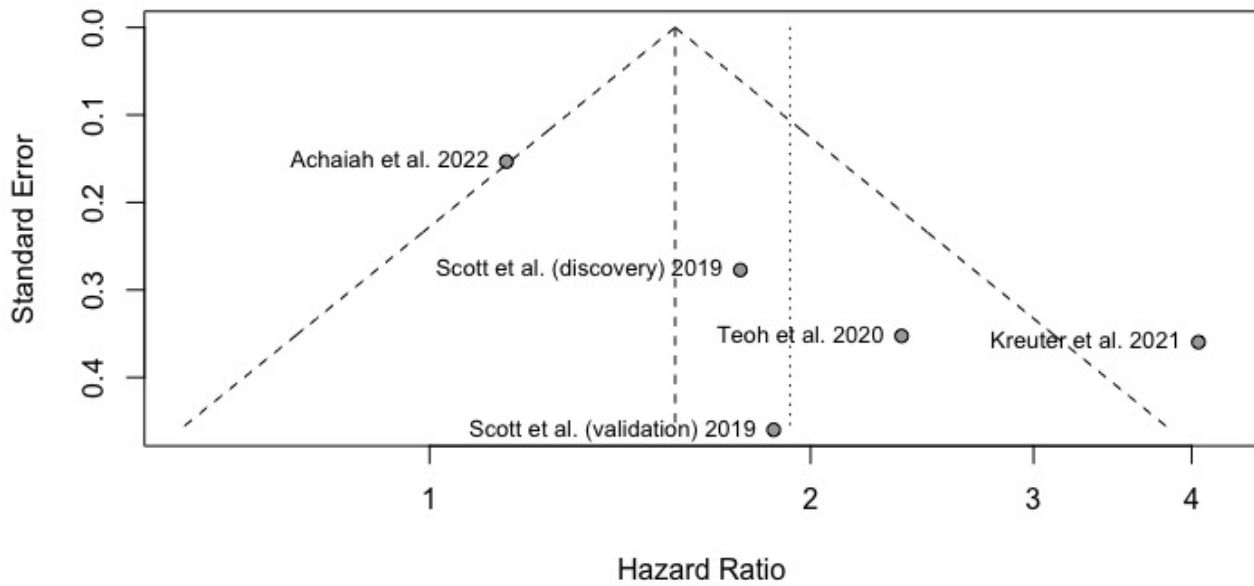
Supplemental Figure 1. Article selection and screening process for this systematic review according to PRISMA guidelines.



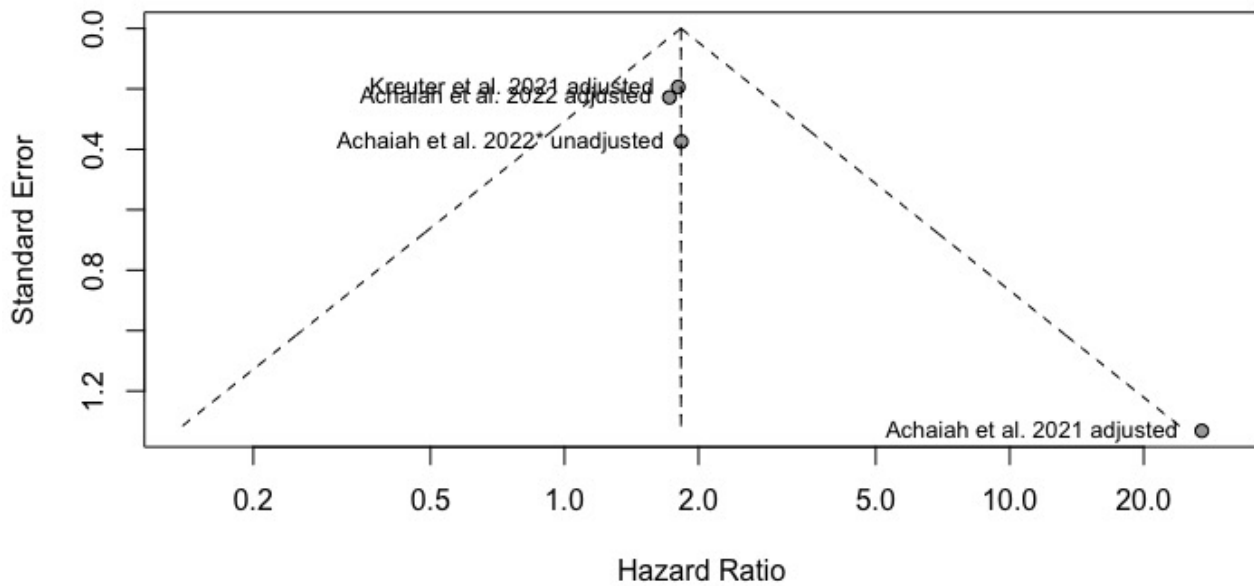
Supplemental Figure 2. Funnel plot for mortality and monocyte counts $> 0.6 \times 10^9$ cells/L in unadjusted models.



Supplemental Figure 3. Funnel plot for mortality and monocyte counts $> 0.90 \times 10^9$ cells/L in unadjusted models. *Indicates study by Achaiah et al., 2022 (15)



Supplemental Figure 4. Funnel plot for mortality and monocyte counts $\geq 0.95 \times 10^9$ cells/L in adjusted models



Supplemental Figure 5. Funnel plot for disease progression and monocyte counts $> 0.90 \times 10^9$ cells/L in unadjusted and adjusted models. *Indicates study by Achaiah et al., 2022 (15).