**Supplementary Fig. 1**

**Association between AKI incidence and mortality by AKI severity in adult cohorts**

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**Supplementary Fig. 2**

**Association between AKI incidence and mortality by AKI severity in paediatric cohorts**

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**Table S1. Search strategy of the systematic review**

|  |  |
| --- | --- |
| Search strategy of the systematic review (2004–2012/8/23) by Susantitaphong et al. \* | Search strategy of our additional systematic review (2012/8/24–2018/5/1). |
| 1. exp Renal Insufficiency, Acute/
2. (acute renal failure$ or acute kidney failure$).tw.
3. (arf or akf).tw.
4. (acute renal insufficiency$ or acute kidney insufficiency$).tw.
5. (acute tubular necrosis or ATN).tw.
6. (acute kidney injur$ or acute renal injur$ or AKI).tw.
7. or/1-6
8. risk.tw
9. injury.tw
10. failure.tw
11. and/8-10
12. rifle.tw
13. kidney disease.tw
14. improving global outcomes.tw
15. and/14-15
16. kdigo.tw
17. or/11-12
18. or/15-16
19. acute kidney injury network.tw
20. or/17-19 21. and/ 7&20
 | 1. (acute renal failure[tw]) OR arf[tw]
2. (acute kidney failure[tw]) OR Akf[tw]
3. (acute renal insufficiency[tw])
4. (acute kidney insufficiency[tw])
5. (acute tubular necrosis[tw]) OR atn[tw]
6. (acute renal injury[tw])
7. (acute kidney injury[tw]) OR aki[tw]
8. #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7
9. (acute kidney injury network[tw])
10. ((kidney disease[tw]) AND (improving global outcomes[tw])) OR kdigo[tw]
11. (risk[tw] AND injury[tw] AND failure[tw]) OR rifle[tw]
12. #9 OR #10 OR #11
13. #8 AND #12
 |

**\*,** cited from *Clin J Am Soc Nephrol* 8: 1482–1493, 2013.

**Table S2. Complete reference list of the included studies**

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