Figure S1 Flowchart of study selection procedure.

- Records searched from database (n=181)
- Additional records searched from other sources (n=9)

- Records after duplicates removed (n=155)

- 131 records excluded based on screening of titles or abstract with general criteria (n=131)

- Potentially relevant studies identified for full-text review (n=24)

- 18 Articles excluded after full-text review as following:
  - 9 studies cannot identify patients using PD-1/L1 inhibitors from patients using CTLA-4
  - 3 studies without survival results
  - 4 studies without enough data to calculate HR with 95%CI

- Studies included in meta-analysis (n=8)