**Supplement Table 2.** Risk of bias assessment of the studies included by Downs and Black checklist

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Author | TOTAL(28) | Reporting(11) | External validity(3) | Internal validity(bias) (7) | Selection bias (6) | Power (1) | Equality level |
| Califf  | 20 | 9  | 2 | 5 | 4 | 0 | good |
| Galimanas  | 16 | 9  | 1 | 4 | 2 | 0 | fair |
| Bizzarro  | 18 | 9 | 2 | 4 | 3 | 0 | fair |
| Griffen  | 16 | 9 | 1 | 4 | 2 | 0 | fair |
| Wei  | 15 | 8 | 1 | 4 | 2 | 0 | fair |
| Shi | 17 | 9 | 2 | 4 | 2 | 0 | fair |
| Liu  | 15 | 8 | 1 | 4 | 2 | 0 | fair |
| Pérez  | 15 | 8 | 1 | 4 | 2 | 0 | fair |
| Chen  | 18 | 9 | 2 | 4 | 3 | 0 | fair |
| Average | 16.25 | 8.67 | 1.44 | 4.11 | 2.44 | 0 | Fair |

Quality level: excellent (26-28), good (20-25), fair (15-19) and poor (≤14)