**Supplementary Figure 1:** Risk of Bias Summary

|  | Random Sequence Generation(selection bias) | Allocation Concealment (selection bias) | Blinding of Participants and Personnel (performance bias) | Blinding of Outcome Assessment (detection bias) | Incomplete Outcome Data(attrition bias) | Selective Reporting (reporting bias) |
| --- | --- | --- | --- | --- | --- | --- |
| Annane, 2013(24) | + | + | - | + | + | ? |
| Bouadma, 2010(25) | + | + | - | + | + | ? |
| de Jong, 2016(26) | + | ? | - | ? | - | ? |
| Deliberato, 2013(27) | + | + | - | ? | - | ? |
| Hochreiter, 2009(28) | ? | ? | - | - | + | ? |
| Layios, 2012(29) | ? | + | + | ? | + | ? |
| Najafi, 2015(30) | + | ? | ? | ? | + | ? |
| Nobre, 2008(31) | + | + | - | ? | + | ? |
| Schroeder, 2009(32) | ? | ? | ? | ? | + | ? |
| Shehabi, 2014(33) | + | + | ? | +**Legend**Low risk of biasHigh risk of biasUnclear risk of bias+?- | + | ? |