A


B

|  |  |  |  |  | Blinding of outcome assessment (detection bias) |  |  |  | \% <br> \% <br> ¢0 <br> ¢ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alba2010 | + | + |  | $?$ | $?$ | $+$ | $+$ | + | + |
| Coates 1987 | + | + |  | ? | ? | $+$ | $+$ | $?$ | $+$ |
| EFSG2000 | + | + |  | ? | ? | $+$ | $+$ | + | $+$ |
| Ejertsen1993 | + | + |  | $?$ | $?$ | $+$ | $+$ | $+$ | ${ }_{+}^{+}$ |
| Falkson1998 | + | + |  | $?$ | $?$ | $+$ | $+$ | ${ }_{+}^{+}$ | $+$ |
| Gennari2006 | $+$ | $+$ |  | ? | $?$ | $+$ | $\pm$ | 3 | $\stackrel{+}{+}$ |
| Gligorov2014 | + | + |  | $\bigcirc$ | $\bigcirc$ | $+$ | $+$ | + | + |
| Gregory1997 | + | $+$ |  | $\bigcirc$ | $\bigcirc$ | $\pm$ | $\stackrel{+}{+}$ | $?$ | + |
| Harris1990 | + | + |  | $?$ | $?$ | + | $+$ | + | $+$ |
| Huang2016 | + | + |  | $+$ | $+$ | $?$ | ? | $+$ | $\bigcirc$ |
| Kloke1999 | $+$ | $+$ |  | $\bigcirc$ | $\bigcirc$ |  | $\pm$ | $\stackrel{+}{+}$ | $\stackrel{+}{+}$ |
| Mayordomo2009 | $\stackrel{+}{+}$ | $\stackrel{+}{+}$ |  | $?$ | $?$ |  | ? | $\stackrel{+}{+}$ | $?$ |
| Muss1991 | $+$ | + |  | $?$ | $?$ |  | $+$ | $\stackrel{+}{+}$ | $\stackrel{+}{+}$ |
| Nooij2003 | + | + |  | $?$ | ? |  | $+$ | + | $+$ |
| Park2013 | $+$ | $\stackrel{+}{+}$ |  | ? | ? |  | $+$ | $\stackrel{+}{+}$ | $+$ |
| Tredan2016 | $+$ | + |  | $\bigcirc$ | $\bigcirc$ |  | $\pm$ | $\stackrel{+}{+}$ | $+$ |

S1 Fig. Risk of bias graph and summary [1-14].

