

Supplement

Figure 1

Title: Risk of bias

Caption: Proportions of studies classified as having low (green), unclear (yellow), and high (red) risk of bias across domains of study quality.

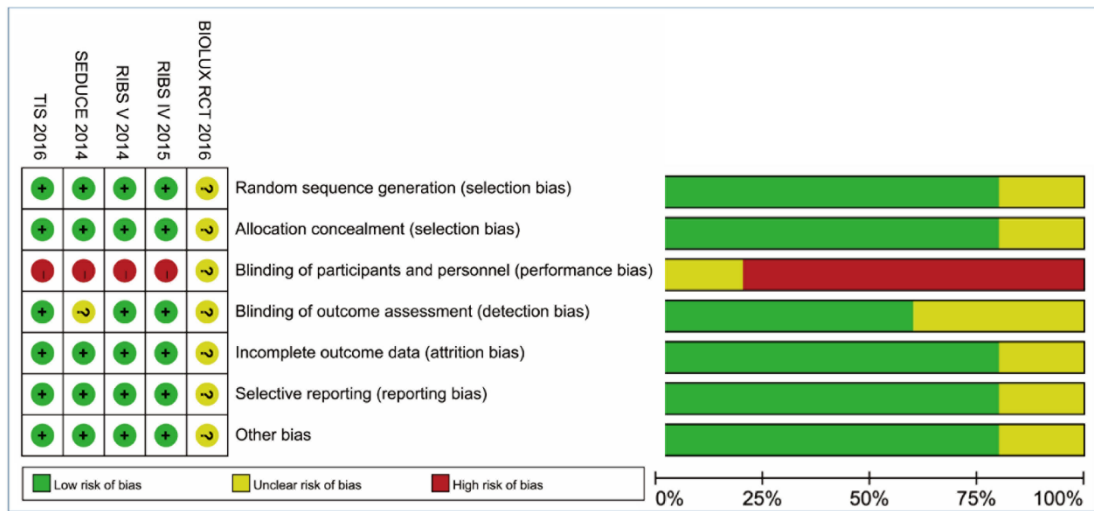


Figure 2

Title: Publication biases.

Caption: The Egger's liner regression tests for (A) target lesion revascularization, (B) target vessel revascularization, (C) major adverse cardiac events, (D) myocardial infarction, (E) cardiac death, and (F) stent thrombosis.

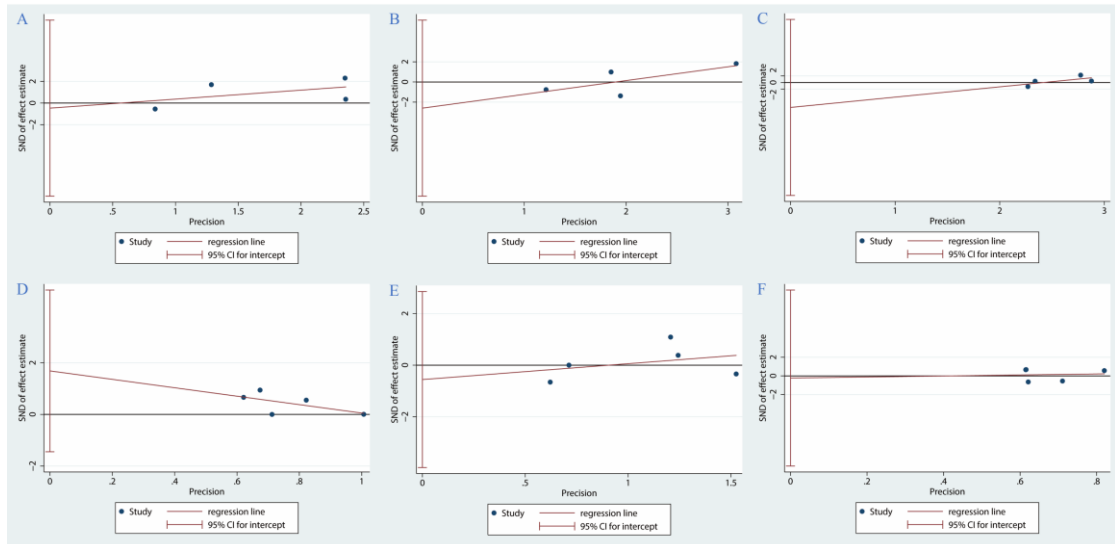


Table 1 Search strategy for the Pubmed electronic database

#1	restenosis
#2	coronary
#3	#1 and #2
#4	eluting stent[Title/Abstract]
#5	eluting balloon[Title/Abstract]
#6	drug eluting balloon[Title/Abstract]
#7	#5 or #6
#8	#6 and #4
#9	#3 and #8

Table 2 Patient characteristics

Study	Age		Male		Hypertension		Diabetes mellitus		Dyslipidemia		Previous MI		Multi-vessel	
	DCB	DES	DCB	DES	DCB	DES	DCB	DES	DCB	DES	DCB	DES	DCB	DES
TIS	66 (11)	66 (11)	43 (63)	46 (68)	n/a	n/a	17 (25)	18 (26)	n/a	n/a	43 (63)	41 (60)	38 (56)	41 (60)
RIBS IV	66 (10)	66 (10)	127 (82)	130 (84)	110 (71)	121 (78)	75 (49)	66 (43)	110 (71)	121 (78)	73 (47)	77 (50)	n/a	n/a
SEDUCE	68 (8)	64 (11)	18 (72)	25 (100)	16 (64)	15 (60)	6 (24)	1 (4)	24 (96)	24 (96)	12 (48)	10 (40)	n/a	n/a
RIBS V	67 (11)	64 (12)	82 (86)	82 (87)	68 (72)	68 (72)	30 (32)	19 (20)	69 (73)	62 (66)	57 (60)	56 (60)	n/a	n/a
BILUX RCT	67 (10)	69 (9)	122 (78)	49 (68)	144 (92)	70 (97)	48 (31)	24 (33)	134 (85)	62 (86)	93 (59)	35 (49)	95 (61)	39 (54)

Values are mean (SD) or n (%).

Abbreviation: DCB = drug-coated balloon; DES = new-generation drug-eluting stents; EES = everolimus-eluting stents; n/a = not available; MI = myocardial infarction.

Table 3 Angiographic characteristics

Study	length of pre-stent		Mehran III-IV		Pre-%DS		Pre-MLD		Pre-RVD	
	DCB	DES	DCB	DES	DCB	DES	DCB	DES	DCB	DES
TIS	23 (12)	19 (9)	10 (13)	18 (24)	72 (14)	78 (13)	0.92 (0.5)	0.79 (0.5)	2.64 (0.5)	2.66 (0.5)
RIBS IV	10 (6)	11 (5)	4 (3)	12 (8)	69 (17)	72 (15)	0.79 (0.4)	0.75 (0.4)	2.59 (0.5)	2.67 (0.5)
SEDUCE	20 (n/a)	18 (n/a)	4 (16)	6 (24)	68 (18)	79 (14)	0.98 (0.6)	0.57 (0.4)	3.0 (0.5)	2.85 (0.4)
RIBS V	14 (7)	14 (7)	12 (13)	18 (19)	61 (14)	65 (13)	1.02 (0.4)	0.93 (0.4)	2.64 (0.6)	2.64 (0.6)
BIOLUX RCT	n/a	n/a	20 (12)	12 (15)	67 (14)	69 (15)	1.0 (0.5)	0.9 (0.5)	3.0 (0.4)	2.9 (0.5)

Values are mean (SD).

Abbreviation: DCB = drug-coated balloon; DES = new-generation drug-eluting stents; DS = diameter stenosis; MLD = minimum lumen diameter; RVD = reference vessel diameter; n/a = not available.

