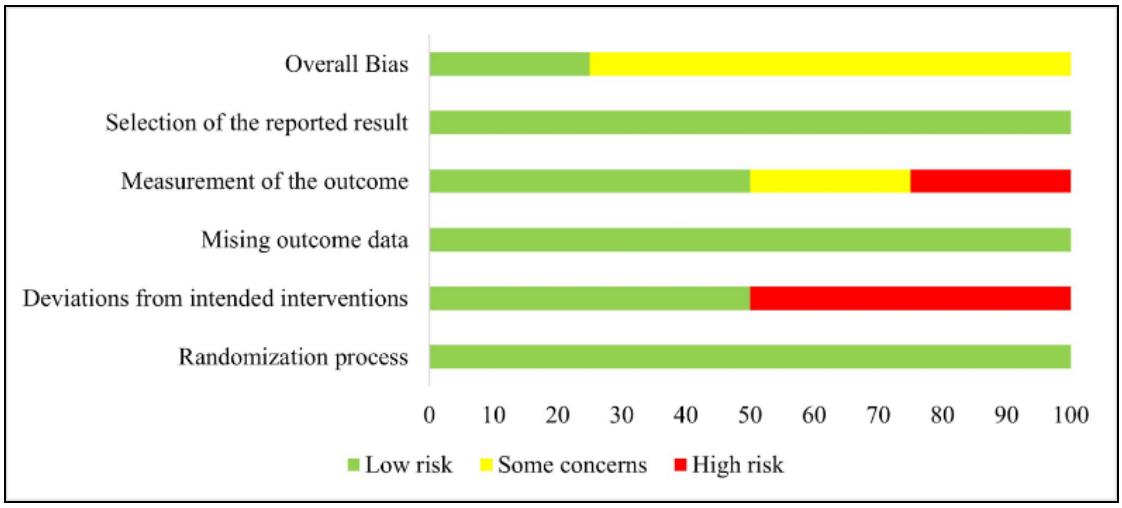
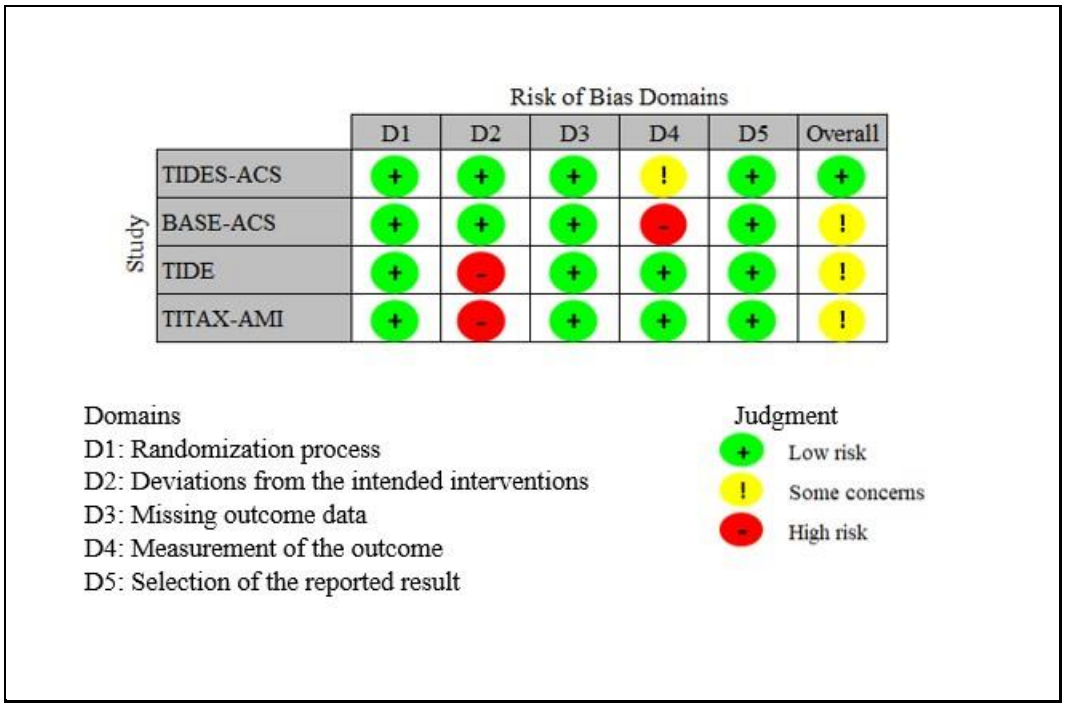
Supplementary material

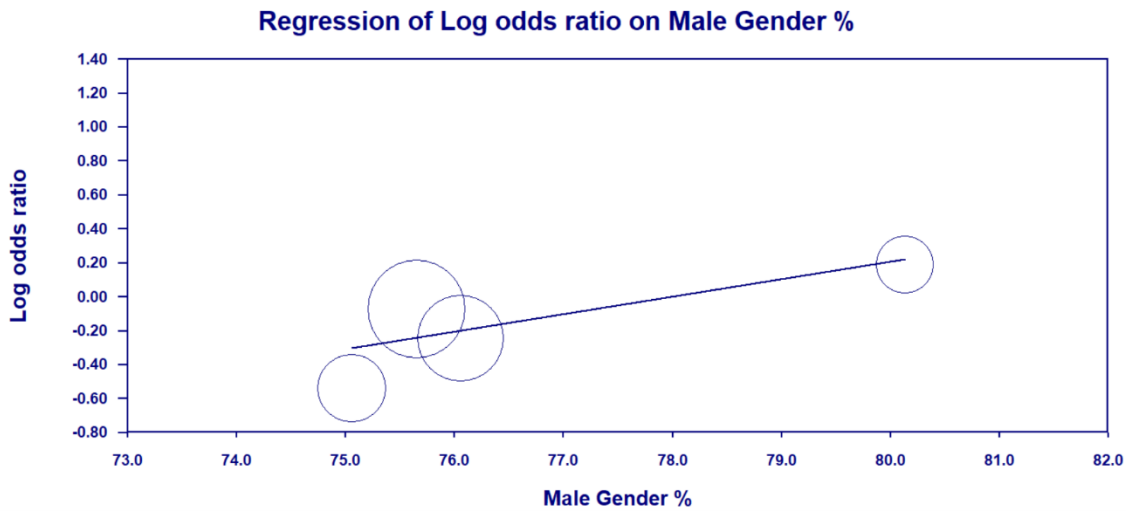
Supplementary Figure 1 The overall risk of bias assessment of the included studies.



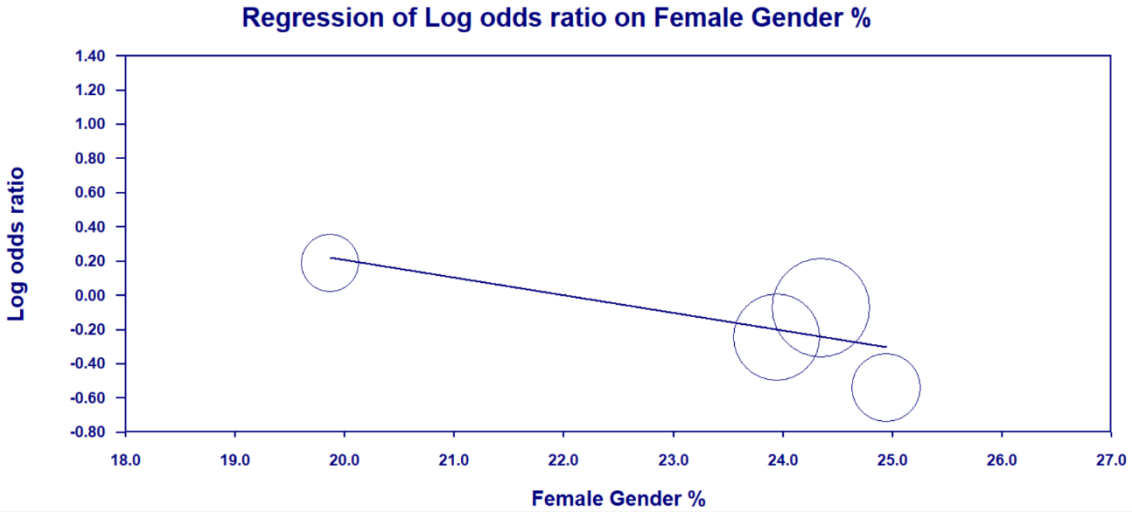
Supplementary Figure 2. Risk of bias graph for each of the RCTs included in the systematic review and meta-analysis.



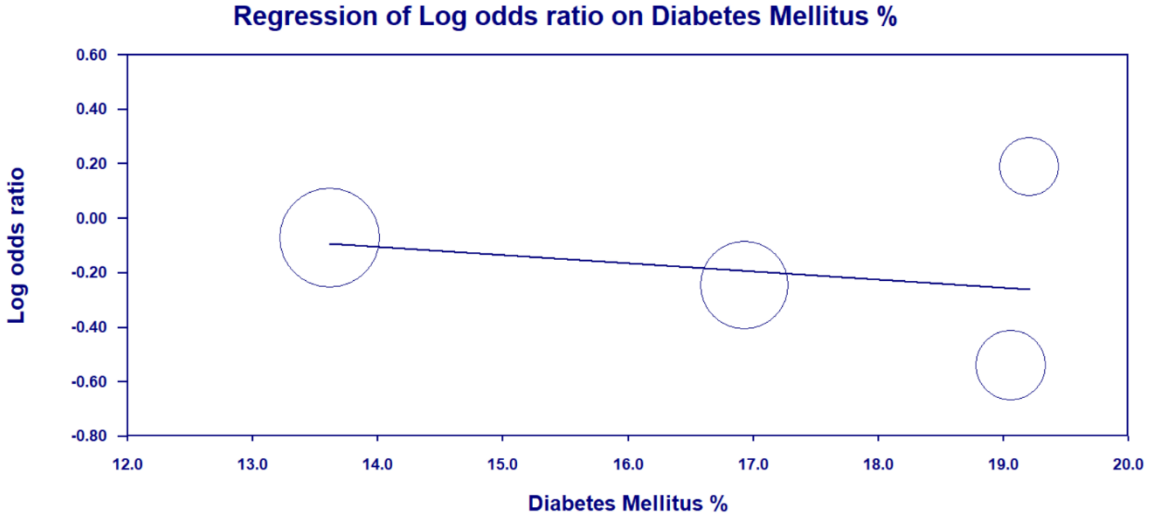
Supplementary Figure 3. Meta Regression on Male Gender% for MACE



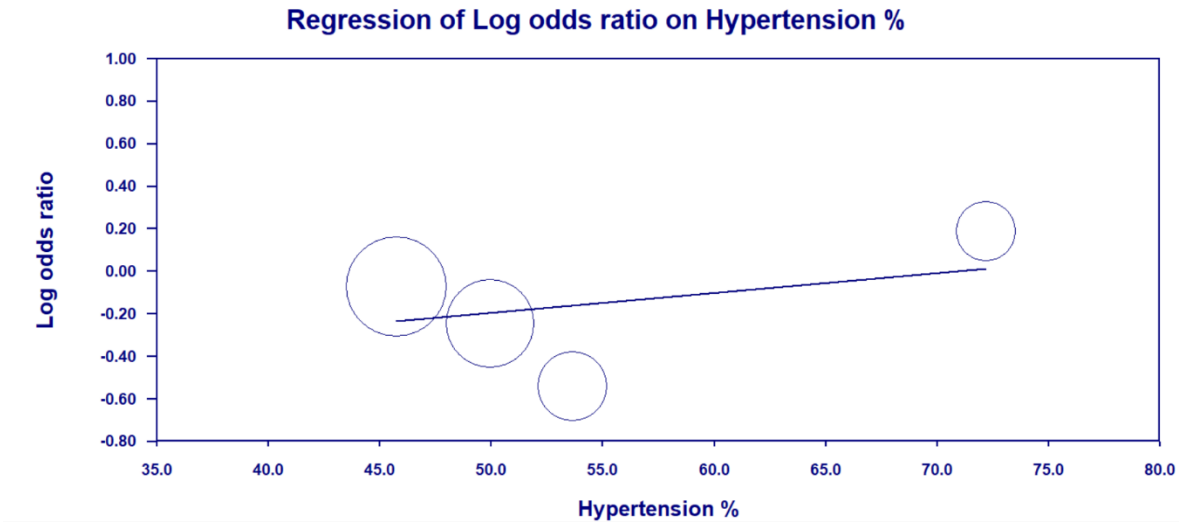
Supplementary Figure 4. Meta Regression on Female Gender% for MACE



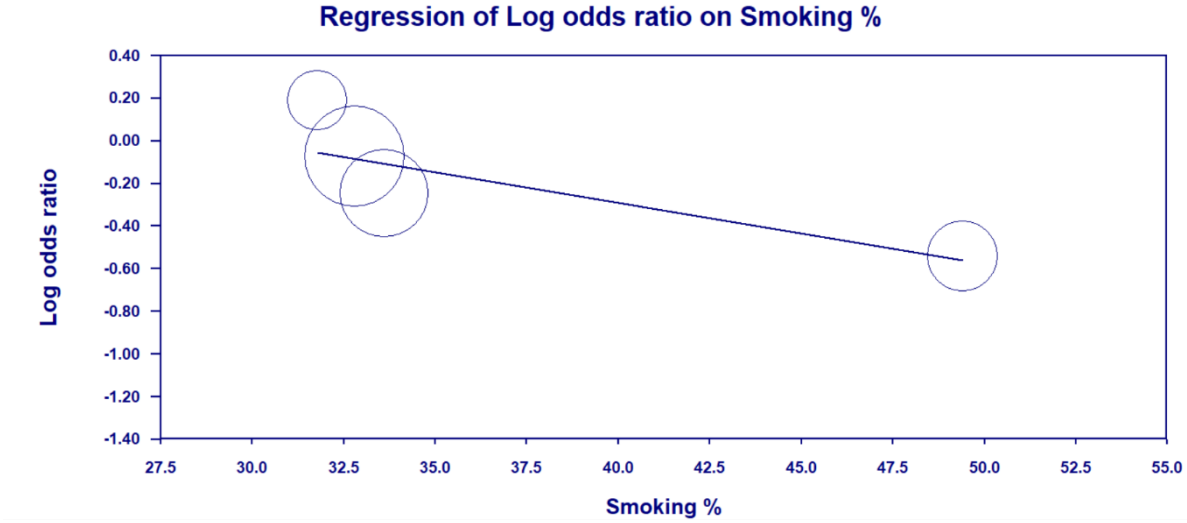
Supplementary Figure 5. Meta Regression on Diabetes Mellitus% for MACE



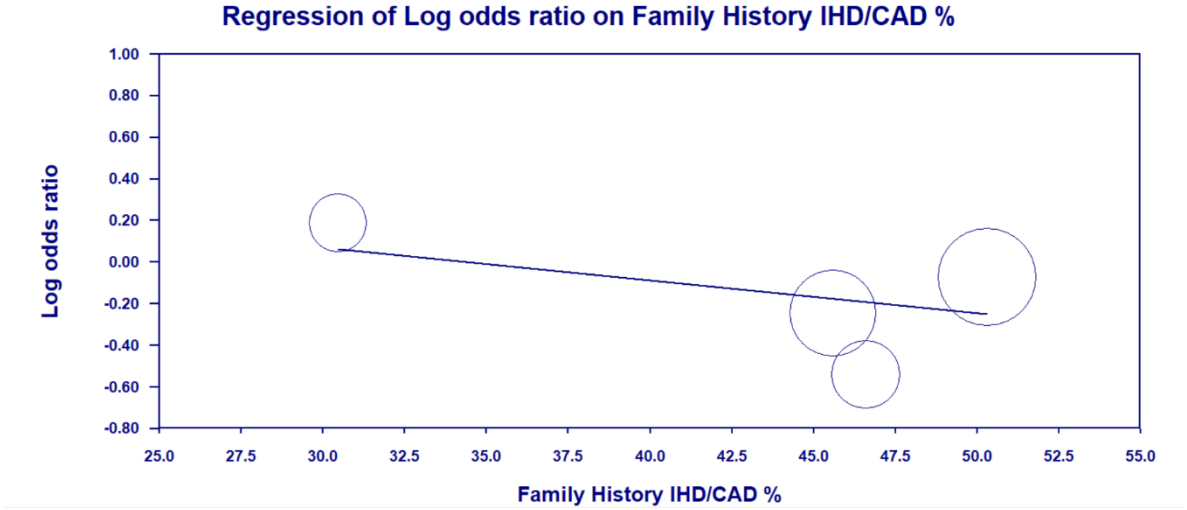
Supplementary Figure 6. Meta Regression on Hypertension% for MACE



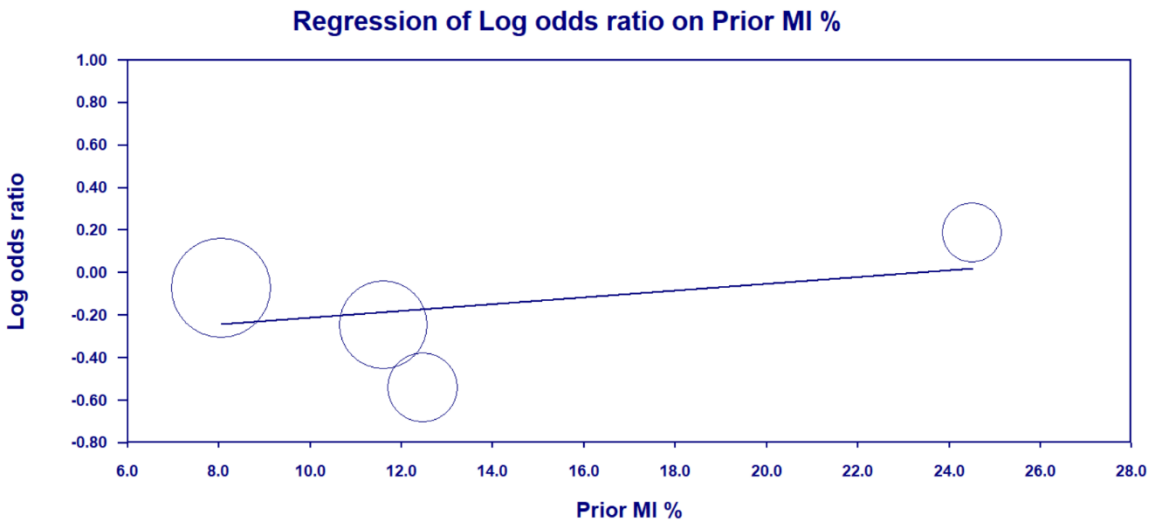
Supplementary Figure 7. Meta Regression on Smoking % for MACE



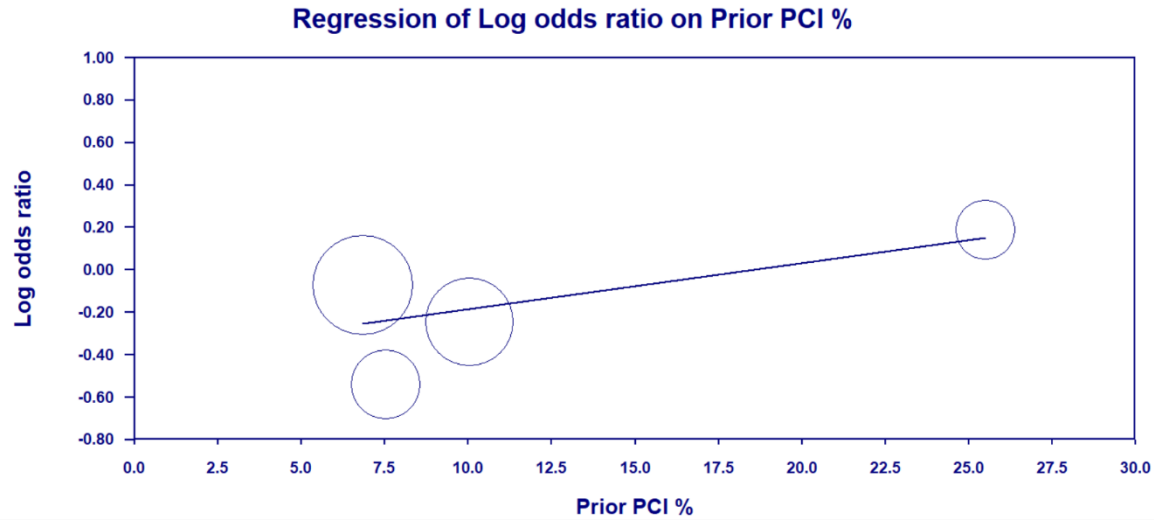
Supplementary Figure 8. Meta Regression on Family History IHD/CAD% for MACE



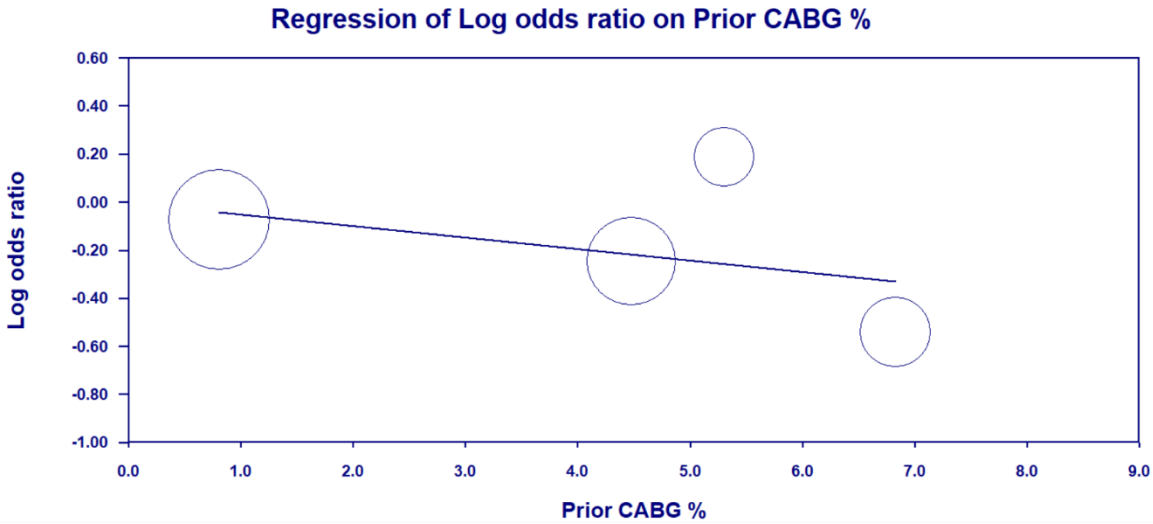
Supplementary Figure 9. Meta Regression on Prior MI% for MACE



Supplementary Figure 10. Meta Regression on Prior PCI% for MACE Prior PCI

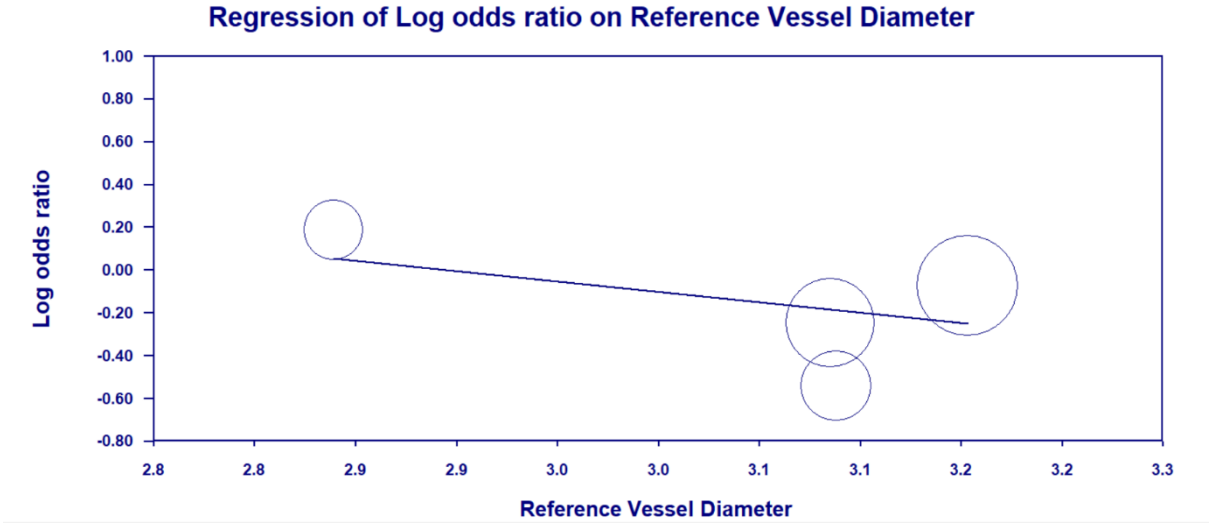


Supplementary Figure 11. Meta Regression on Prior CABG % for MACE

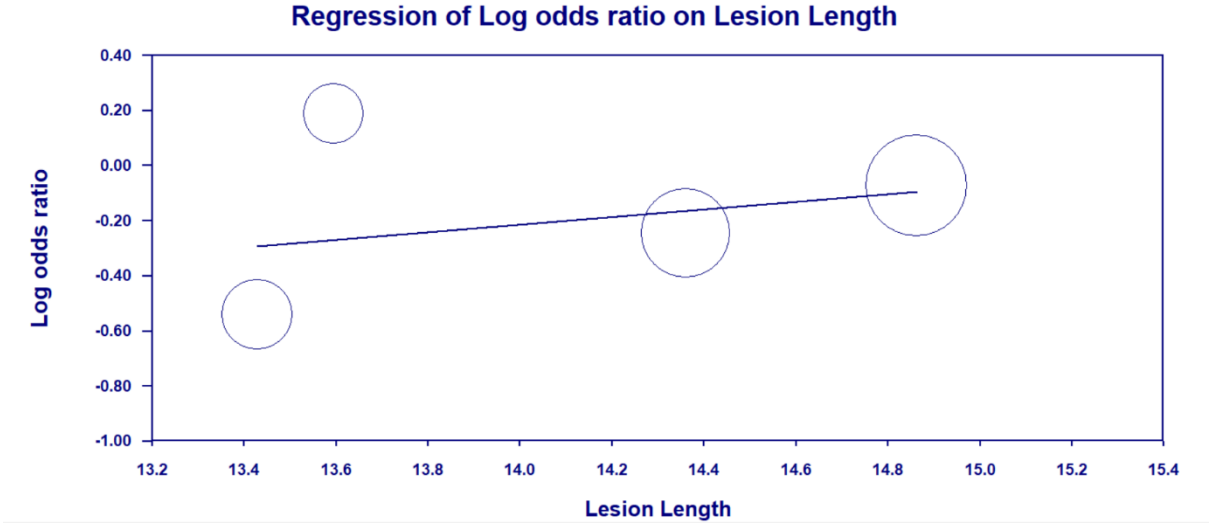


Supplementary Figure 12. Meta Regression on Age (years) for MACE

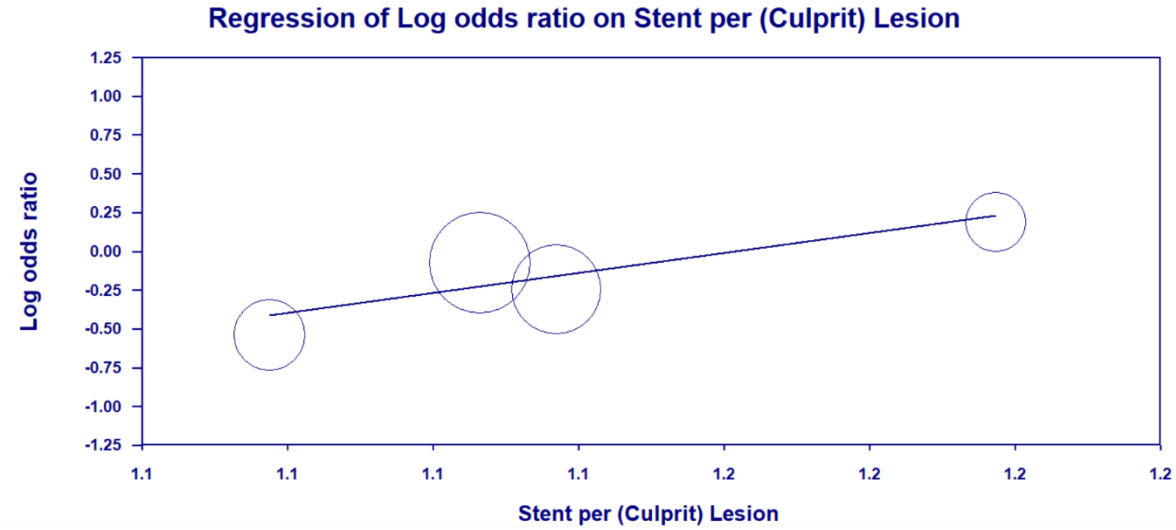
Supplementary Figure 13. Meta Regression on Reference Vessel Diameter (mm) for MACE



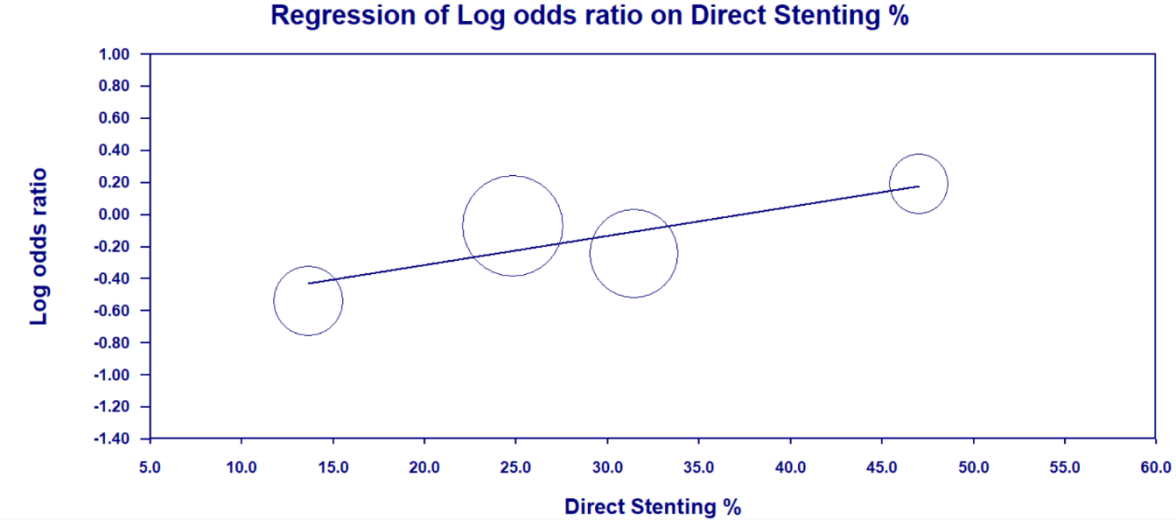
Supplementary Figure 14. Meta Regression on Lesion Length (mm) for MACE



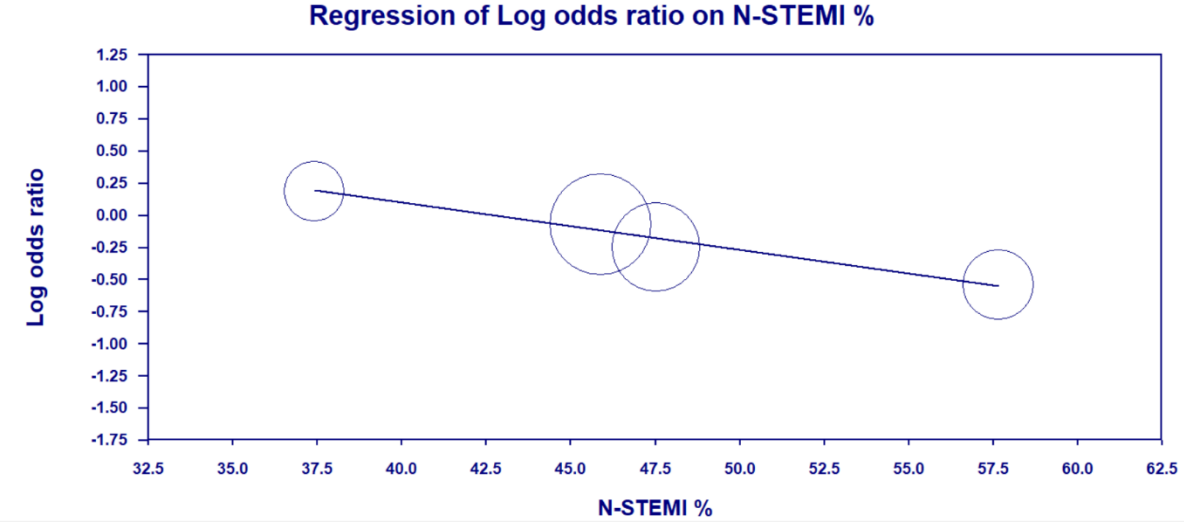
Supplementary Figure 15. Meta Regression on Stents per (Culprit) Lesion for MACE



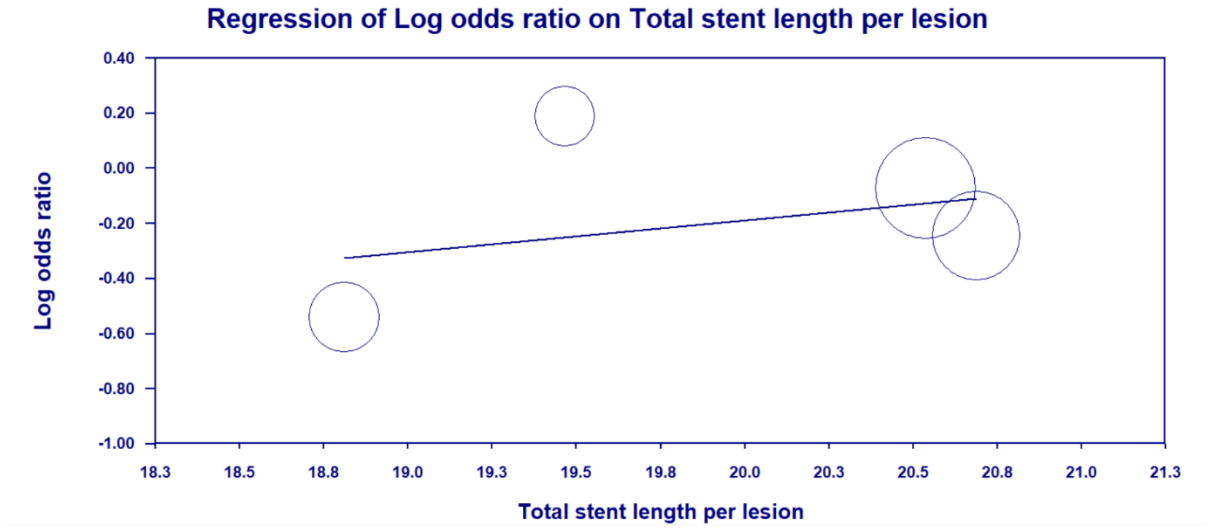
Supplementary Figure 16. Meta Regression on Direct Stenting% for MACE



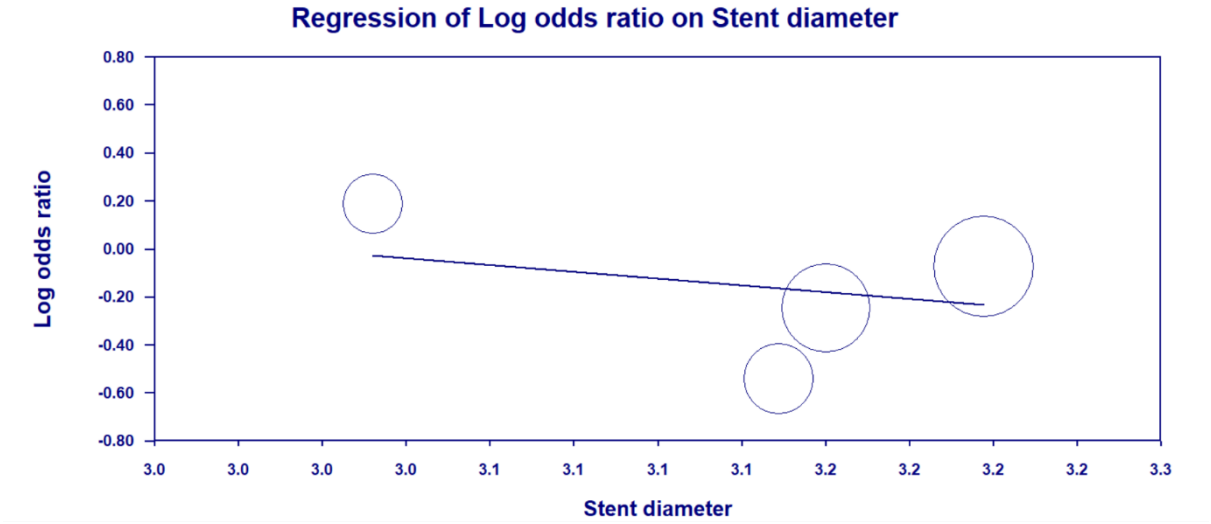
Supplementary Figure 17. Meta Regression on N-STEMI % for MACE



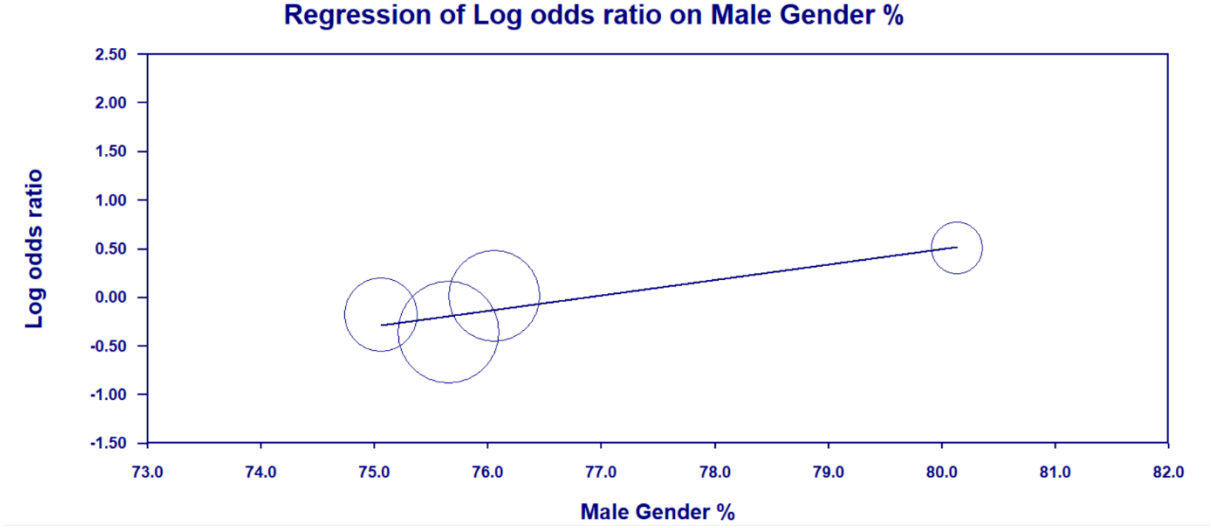
Supplementary Figure 18. Meta Regression on Total Stent Length per Lesion (mm) for MACE



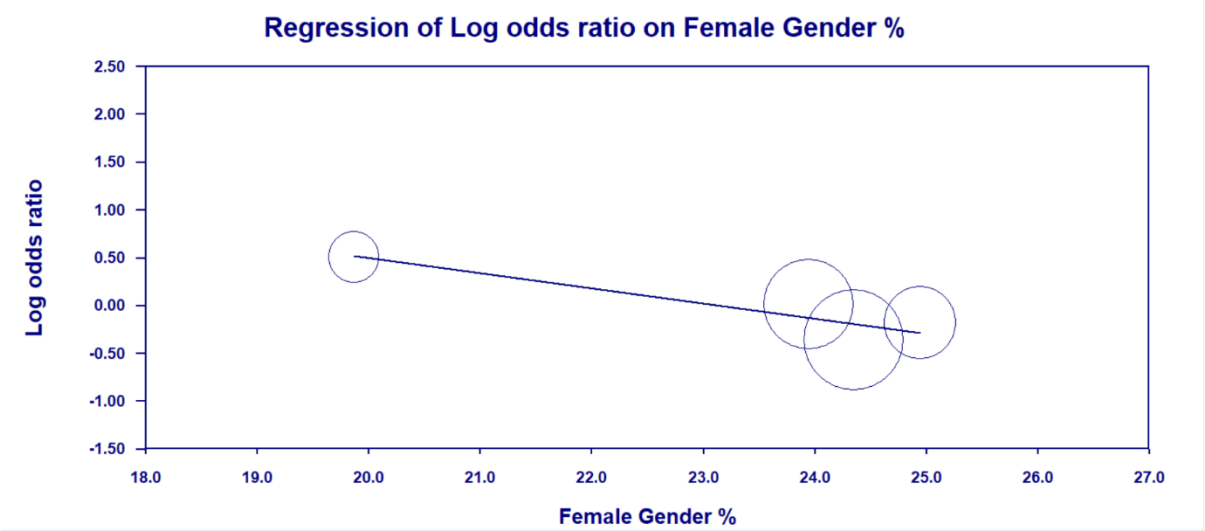
Supplementary Figure 19. Meta Regression on Stent Diameter (mm) for MACE



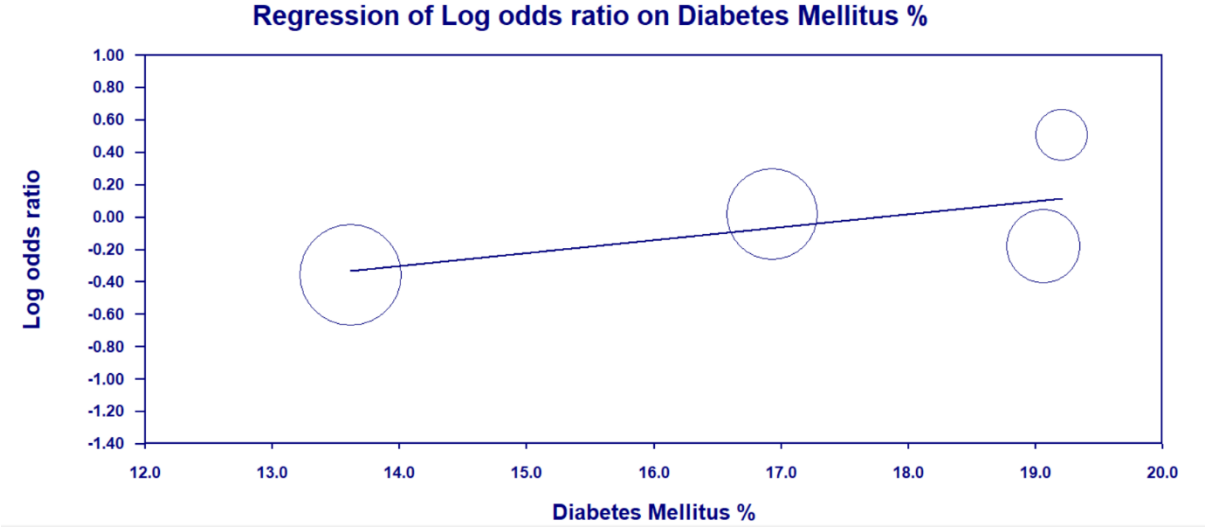
Supplementary Figure 20. Meta Regression on Male Gender % for All Cause Death



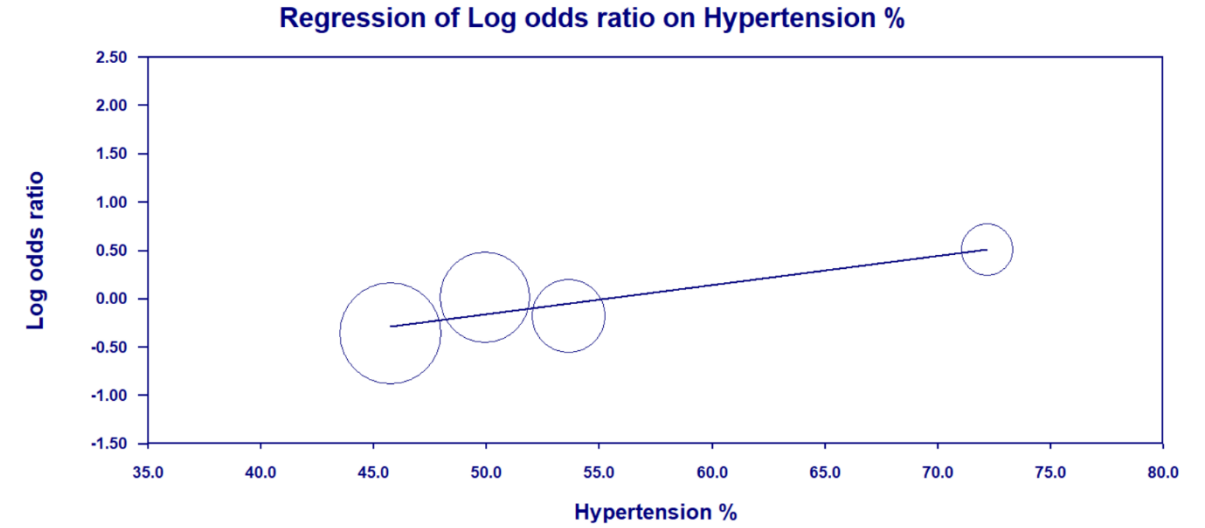
Supplementary Figure 21. Meta Regression on Female Gender % for All Cause Death



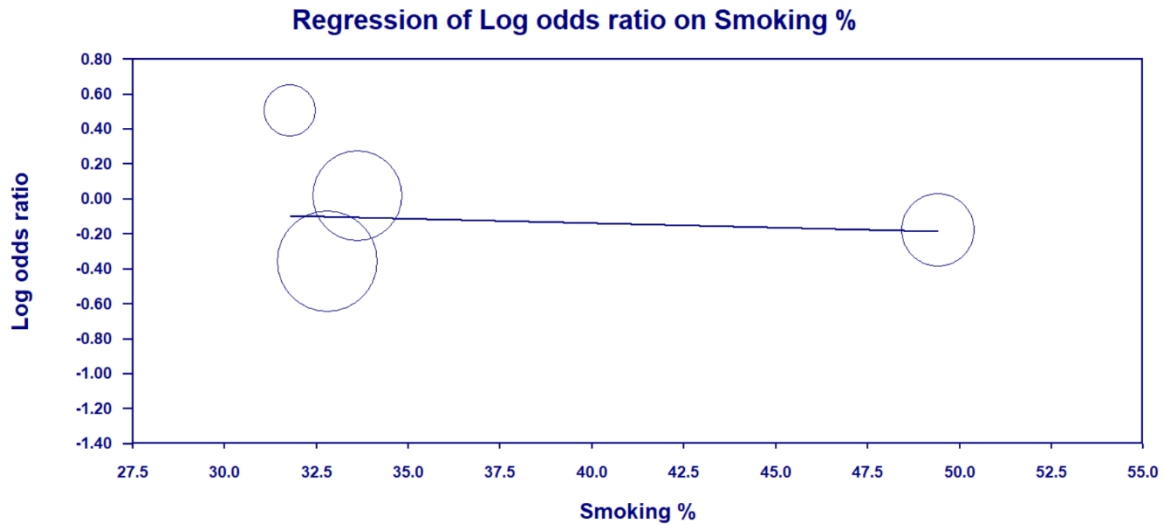
Supplementary Figure 22. Meta Regression on Diabetes Mellitus % for All Cause Death



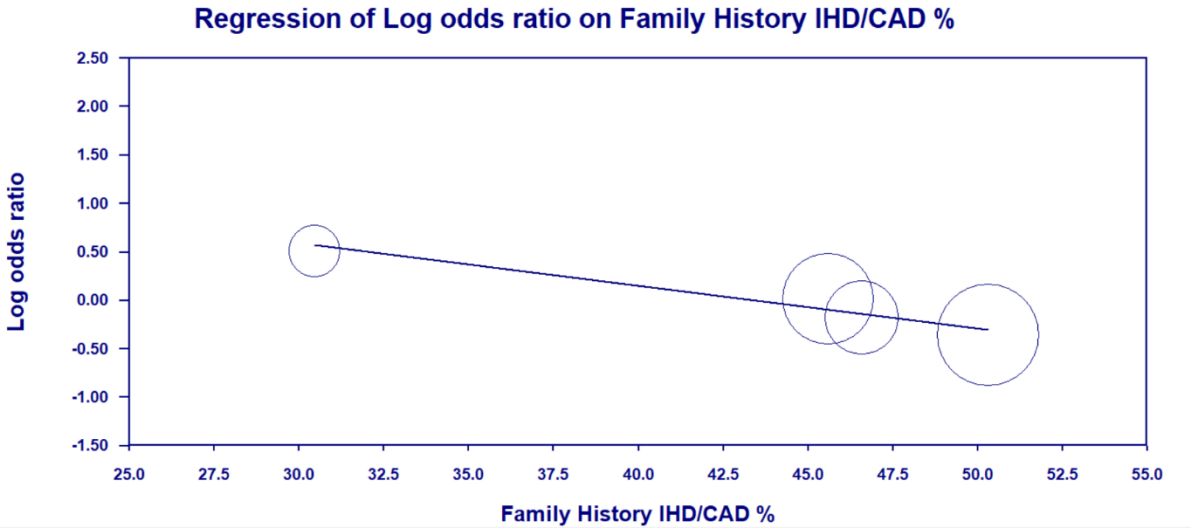
Supplementary Figure 23. Meta Regression on Hypertension % for All Cause Death



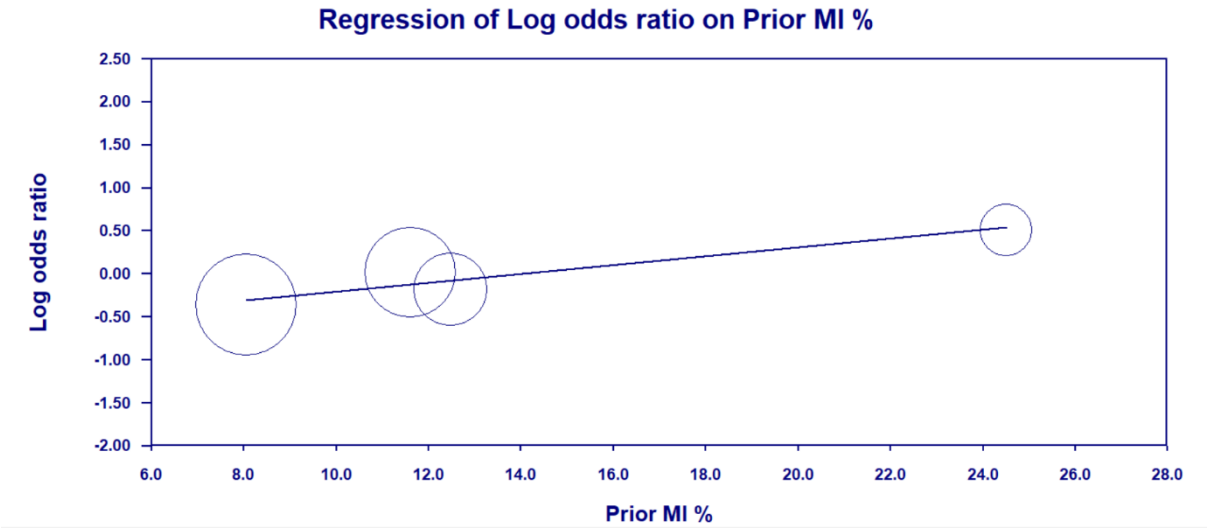
Supplementary Figure 24. Meta Regression on Smoking % for All Cause Death



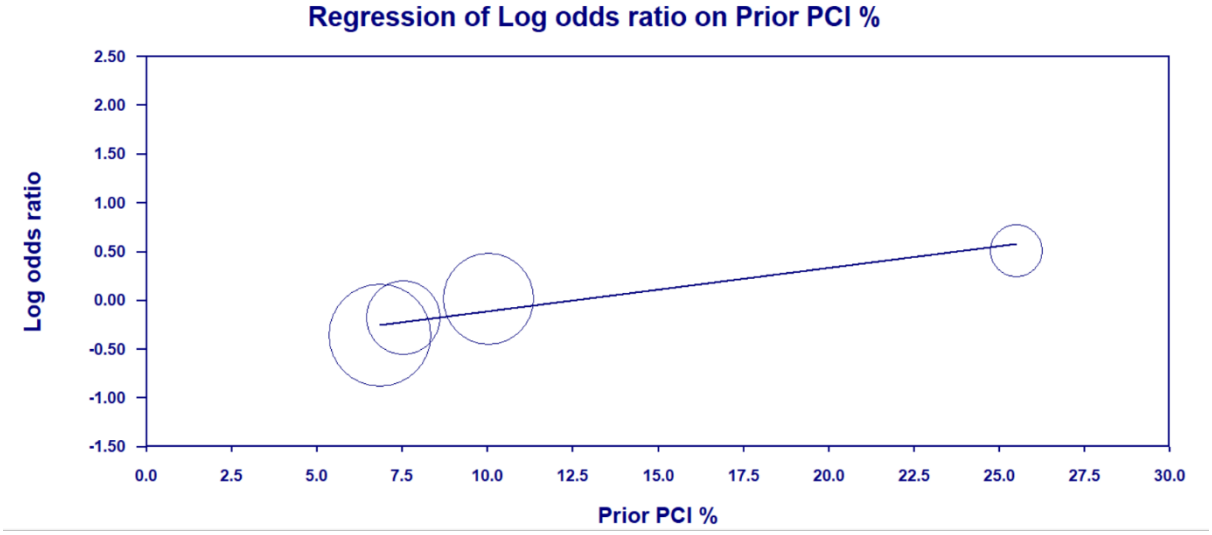
Supplementary Figure 25. Meta Regression on Family History IHD/CAD % for All Cause Death



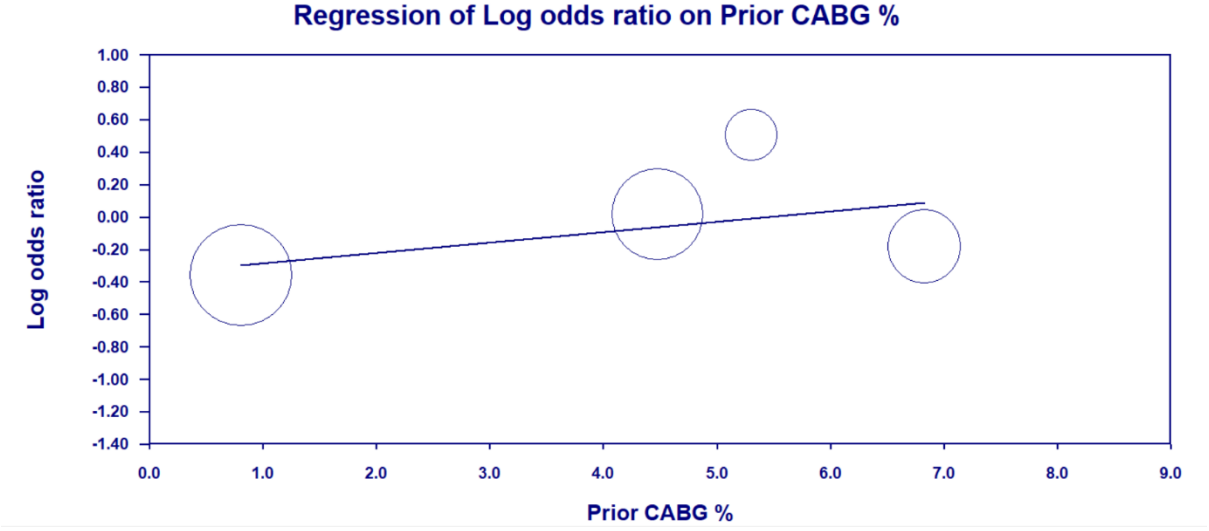
Supplementary Figure 26. Meta Regression on Prior MI % for All Cause Death



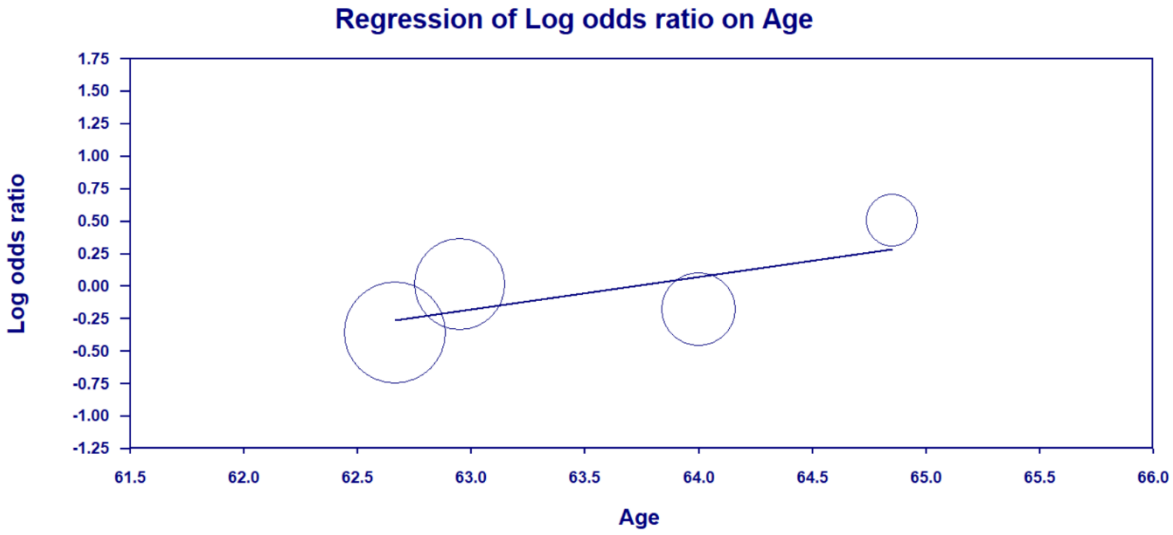
Supplementary Figure 27. Meta Regression on Prior PCI % for All Cause Death



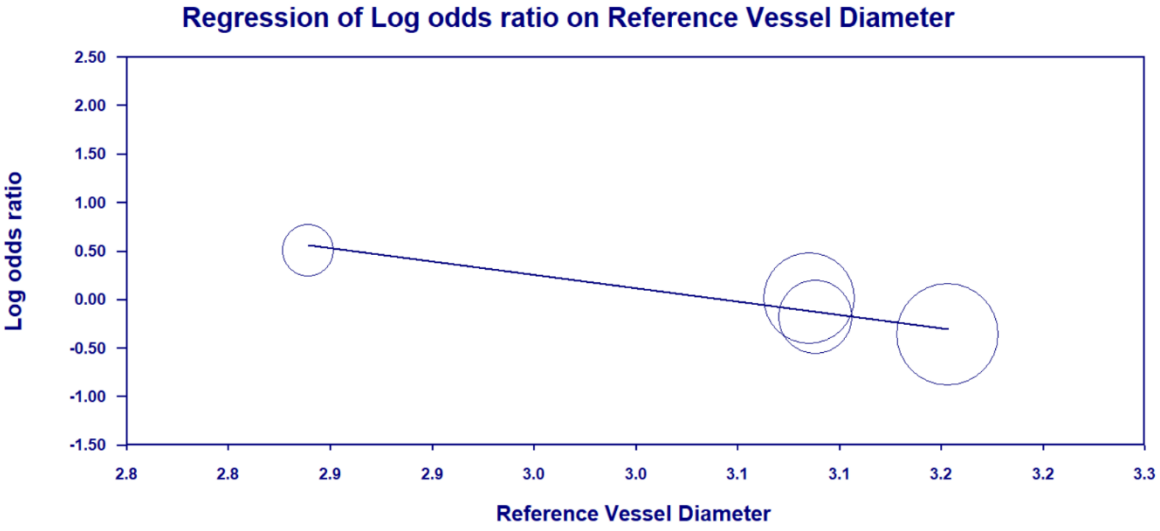
Supplementary Figure 28. Meta Regression on Prior CABG % for All Cause Death



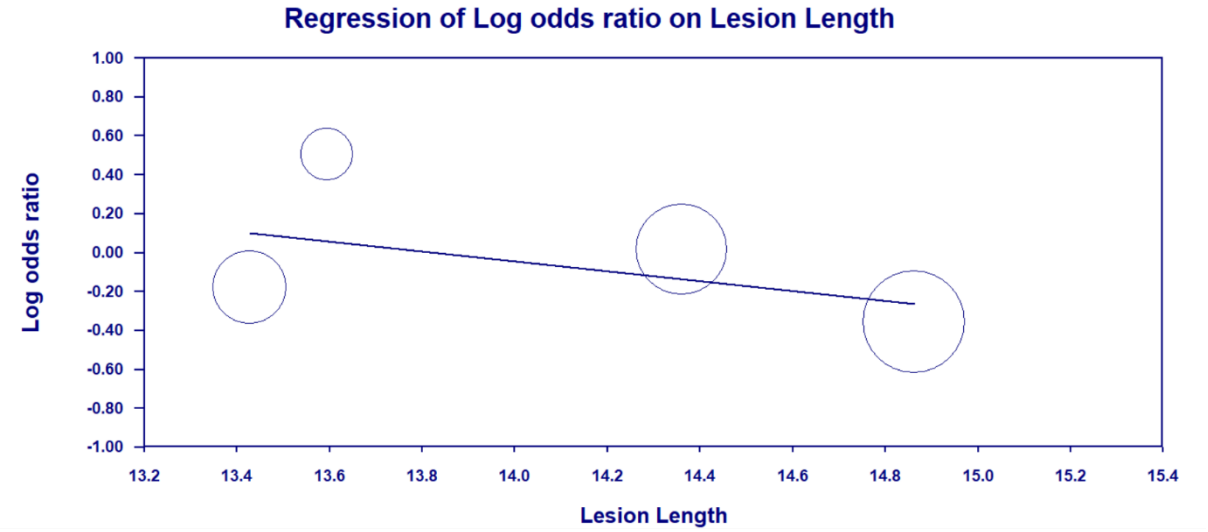
Supplementary Figure 29. Meta Regression on Age (years) for All Cause Death



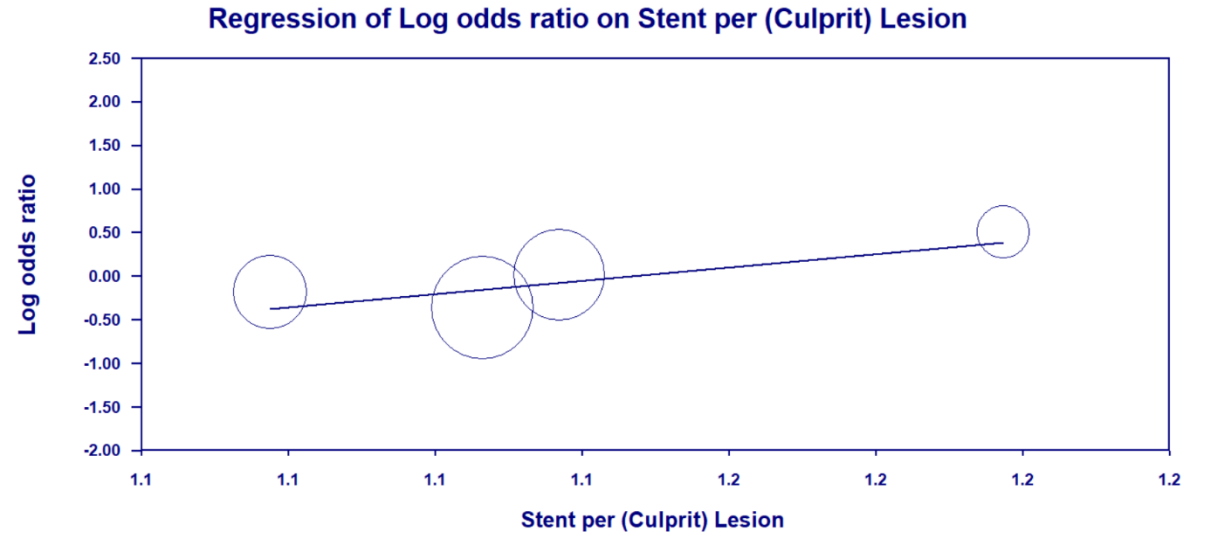
Supplementary Figure 30. Meta Regression on Reference Vessel Diameter (mm) for All Cause Death



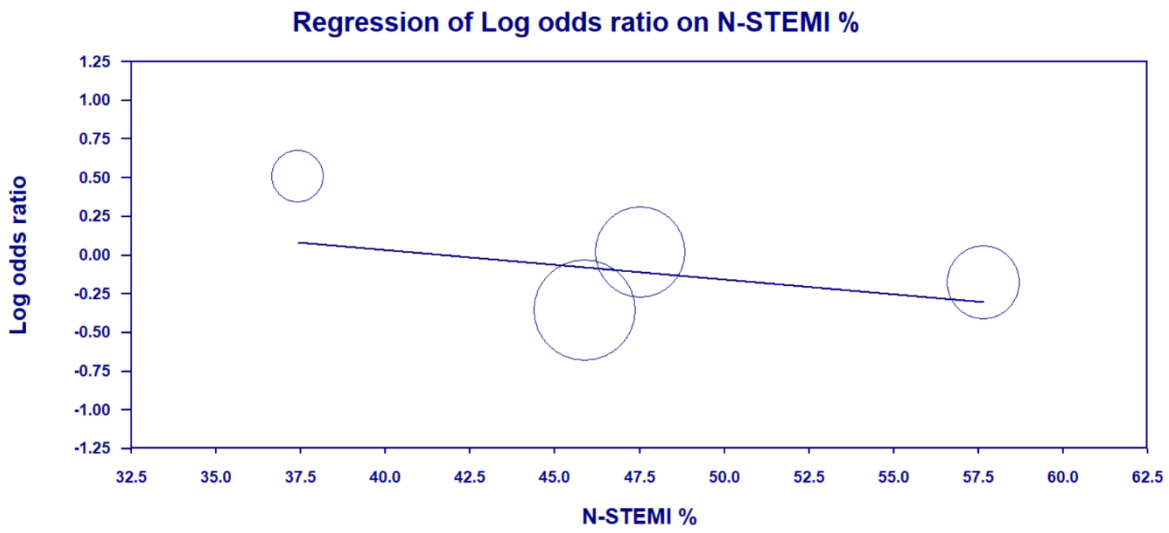
Supplementary Figure 31. Meta Regression on Lesion Length (mm) for All Cause Death



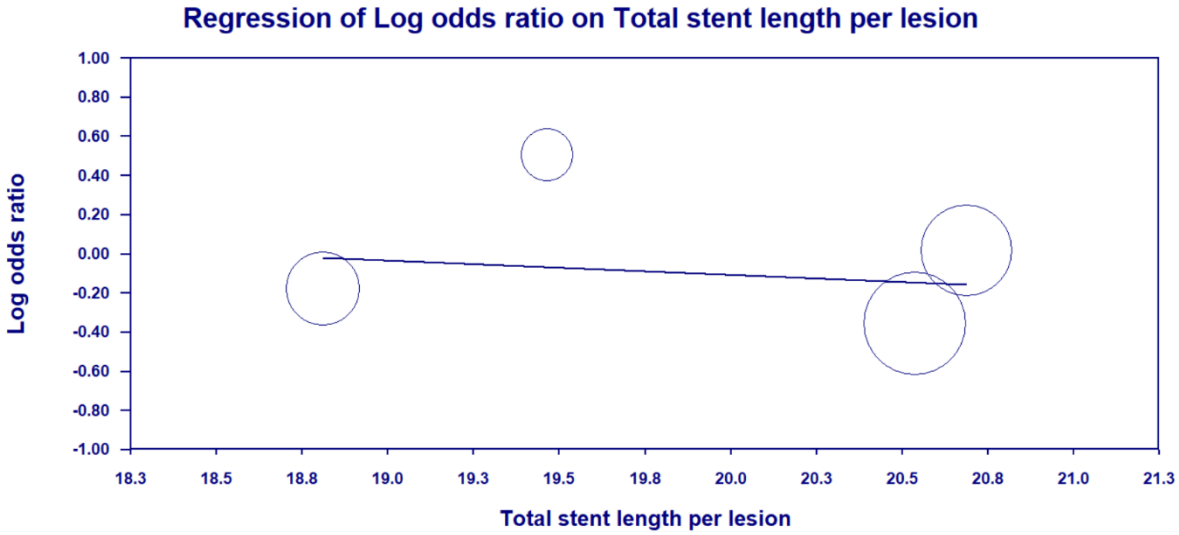
Supplementary Figure 32. Meta Regression on Stent per (Culprit) Lesion for All Cause Death



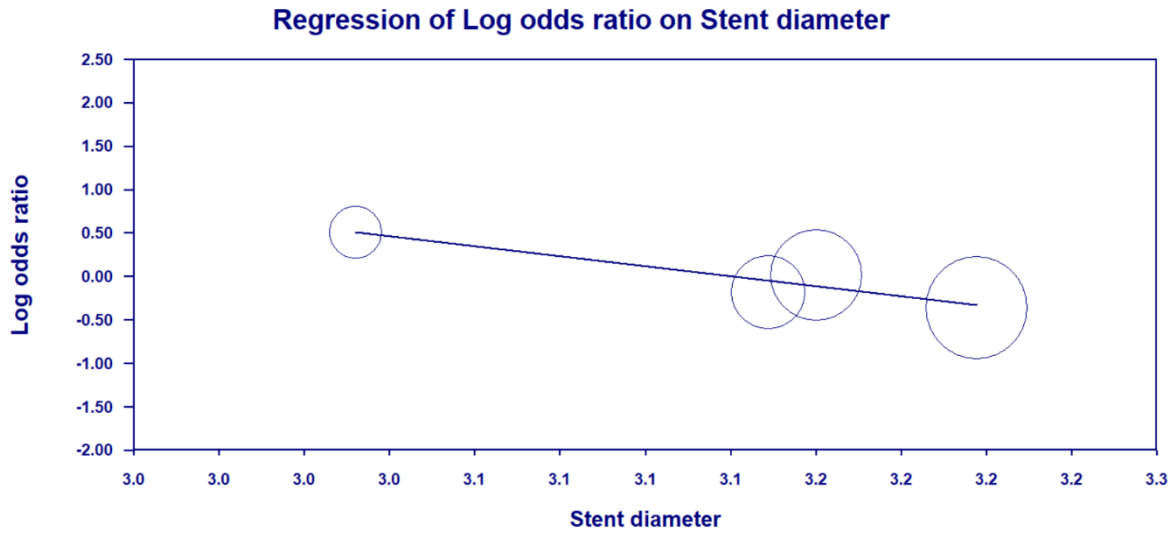
Supplementary Figure 33. Meta Regression on N-STEMI % for All Cause Death



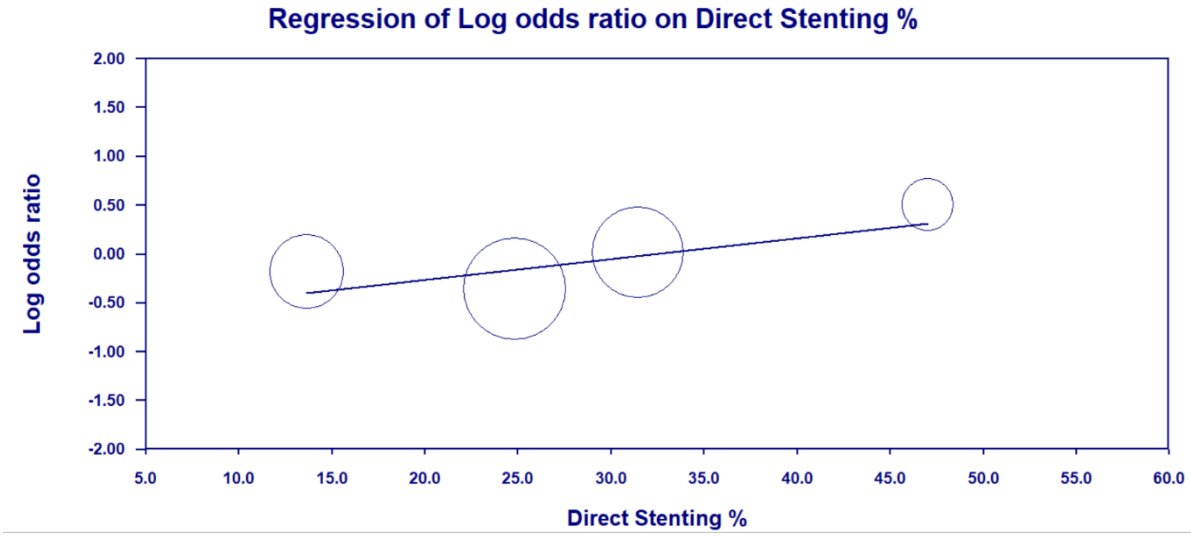
Supplementary Figure 34. Meta Regression on Total Stent Length per Lesion (mm) for All Cause Death



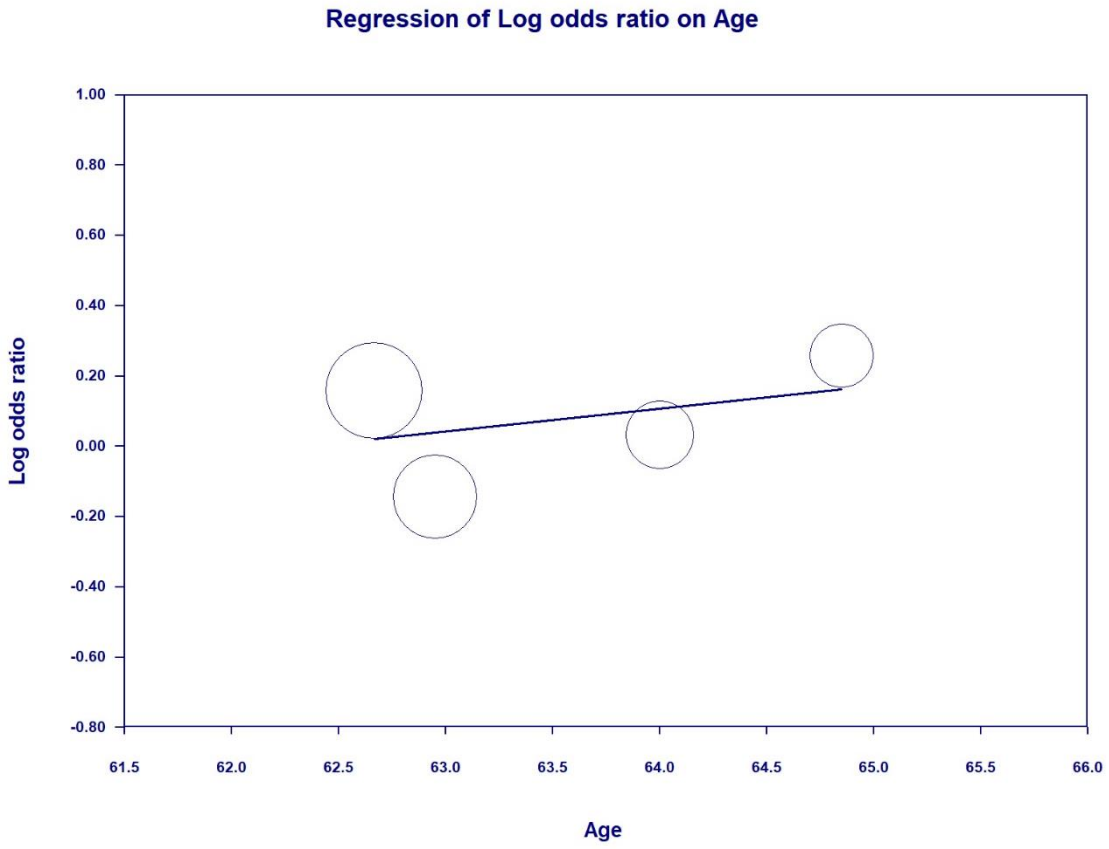
Supplementary Figure 35. Meta Regression on Stent Diameter (mm) for All Cause Death



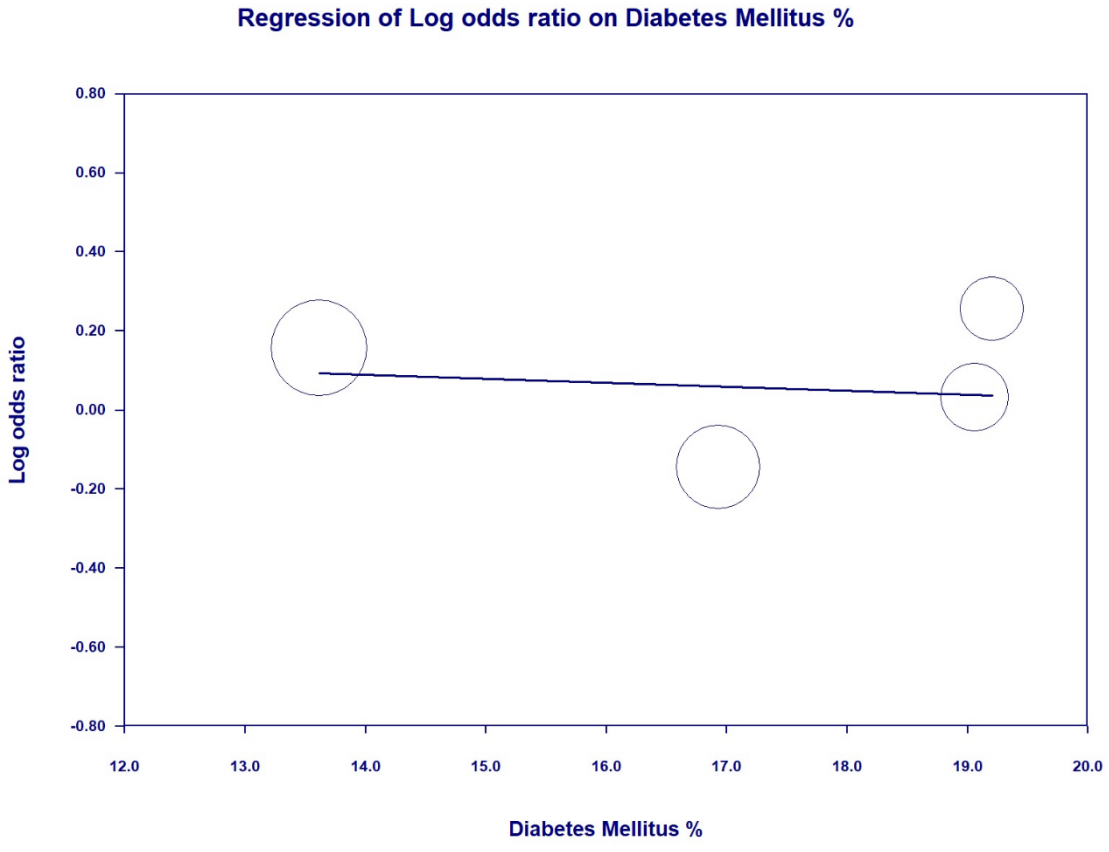
Supplementary Figure 36. Meta Regression on Direct Stenting % for All Cause Death



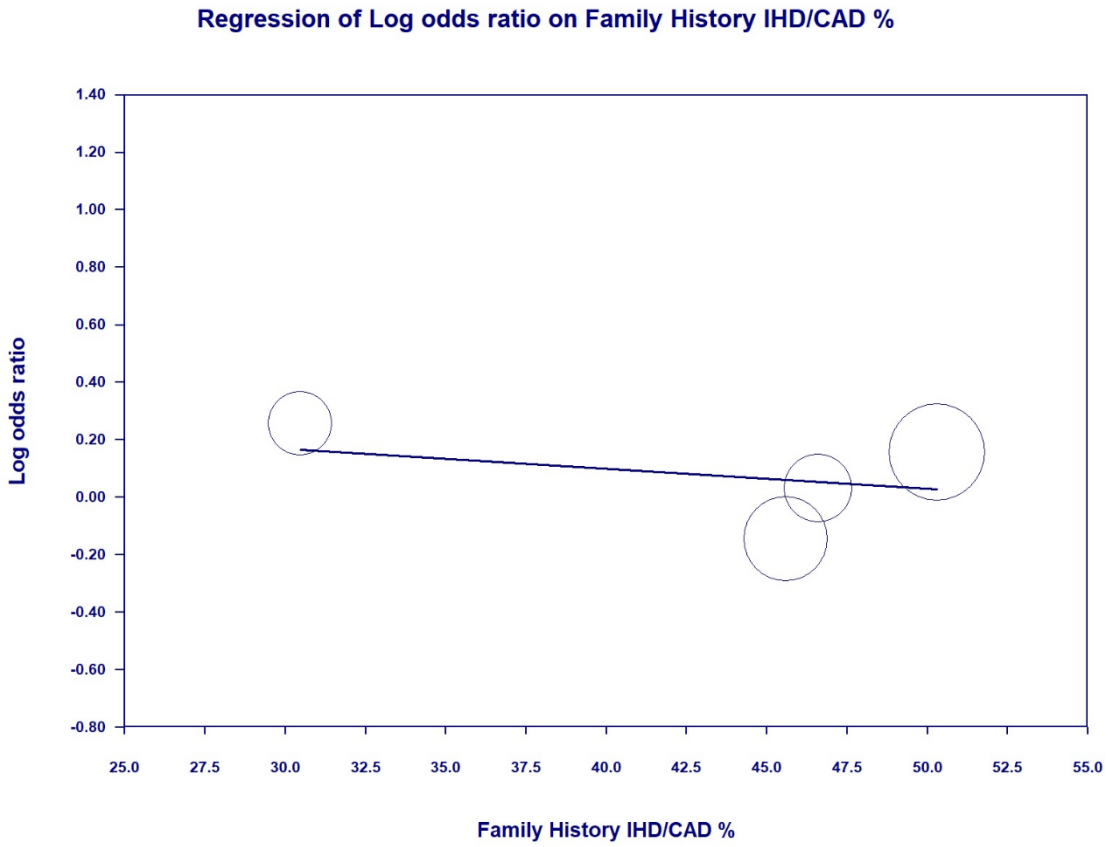
Supplementary Figure 37. Meta Regression on Age (years) for ID TLR



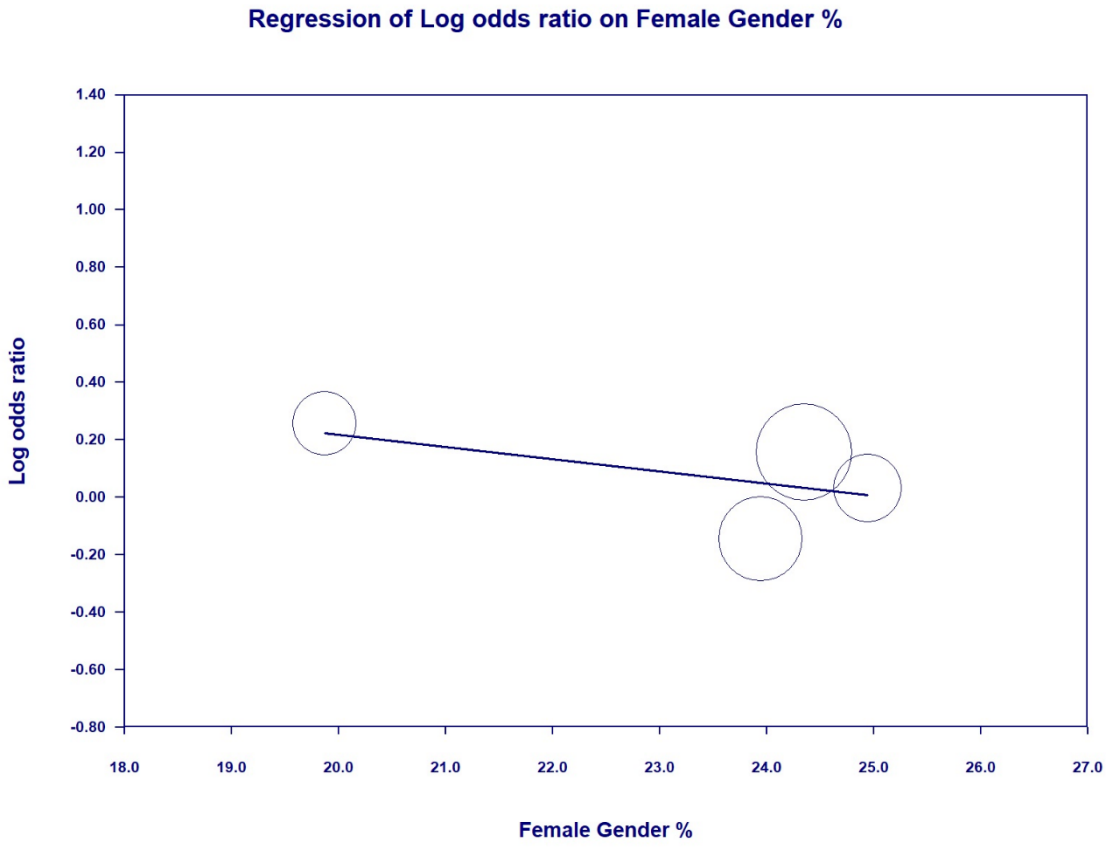
Supplementary Figure 38. Meta Regression on Diabetes Mellitus % for ID TLR



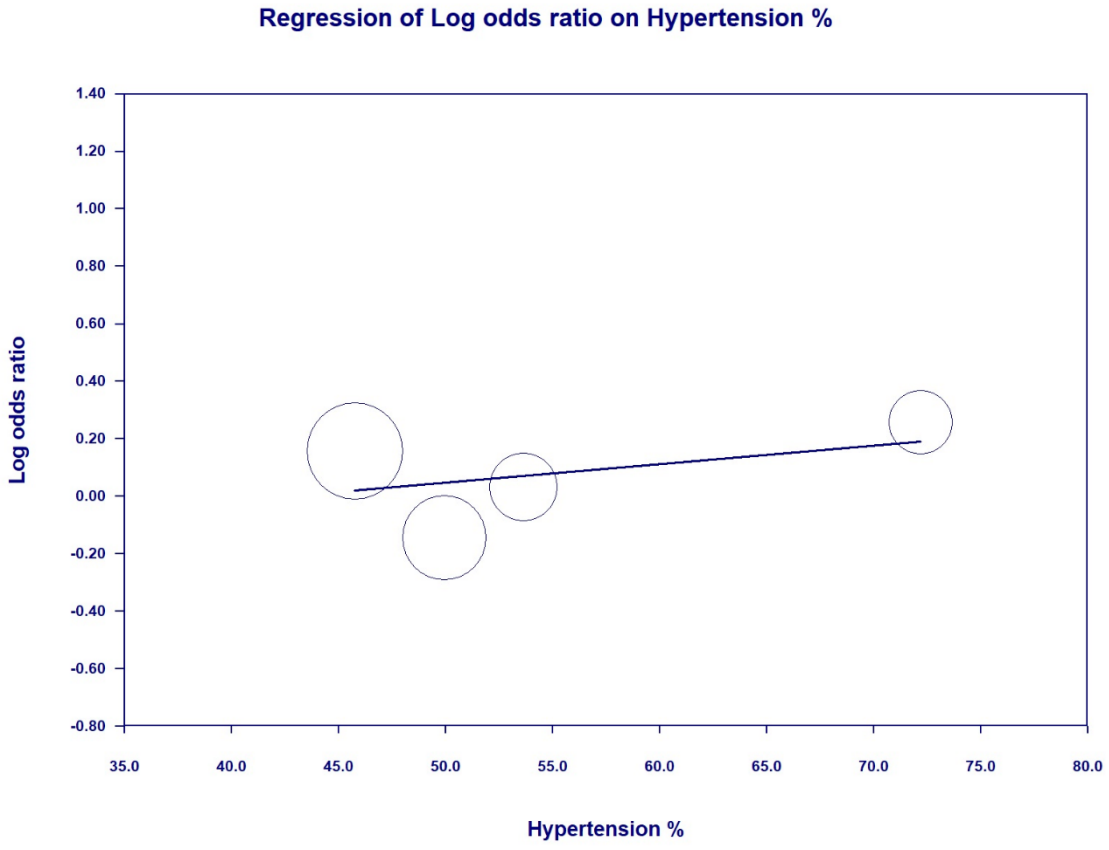
Supplementary Figure 39. Meta Regression on Family History IHD/CAD % for ID TLR



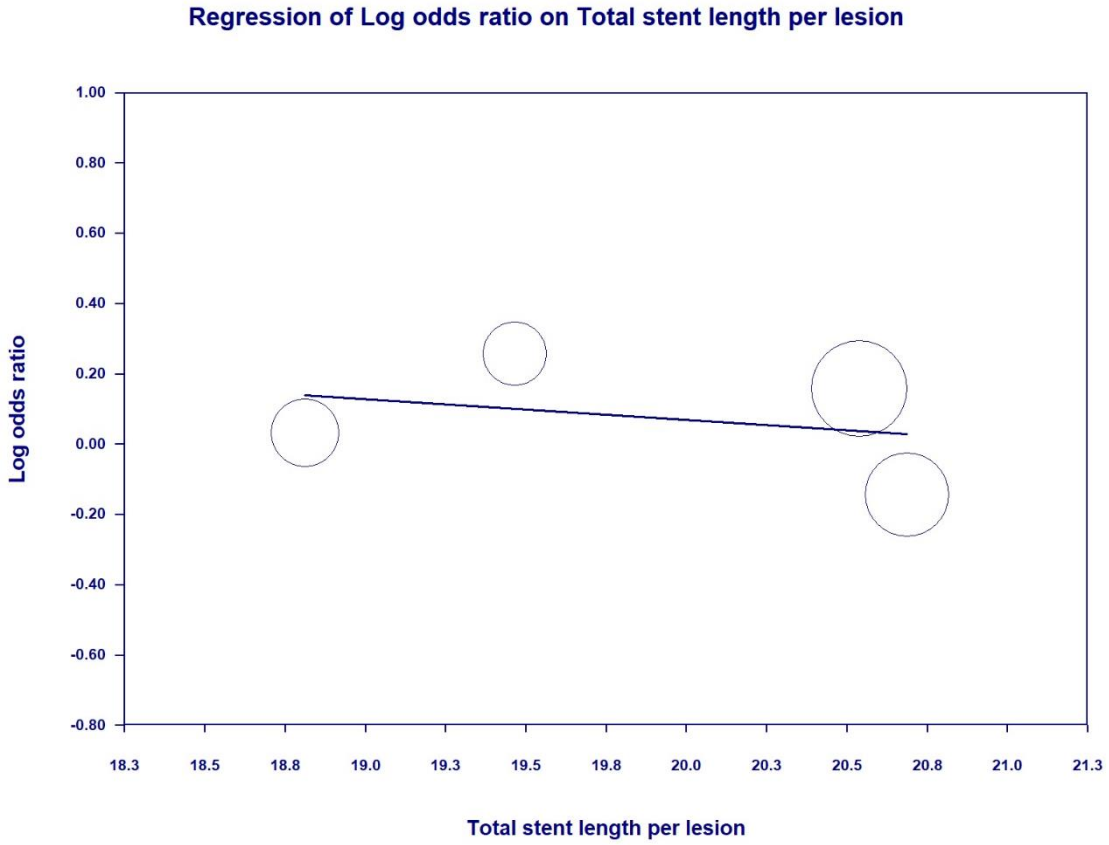
Supplementary Figure 40. Meta Regression on Female Gender% for ID TLR



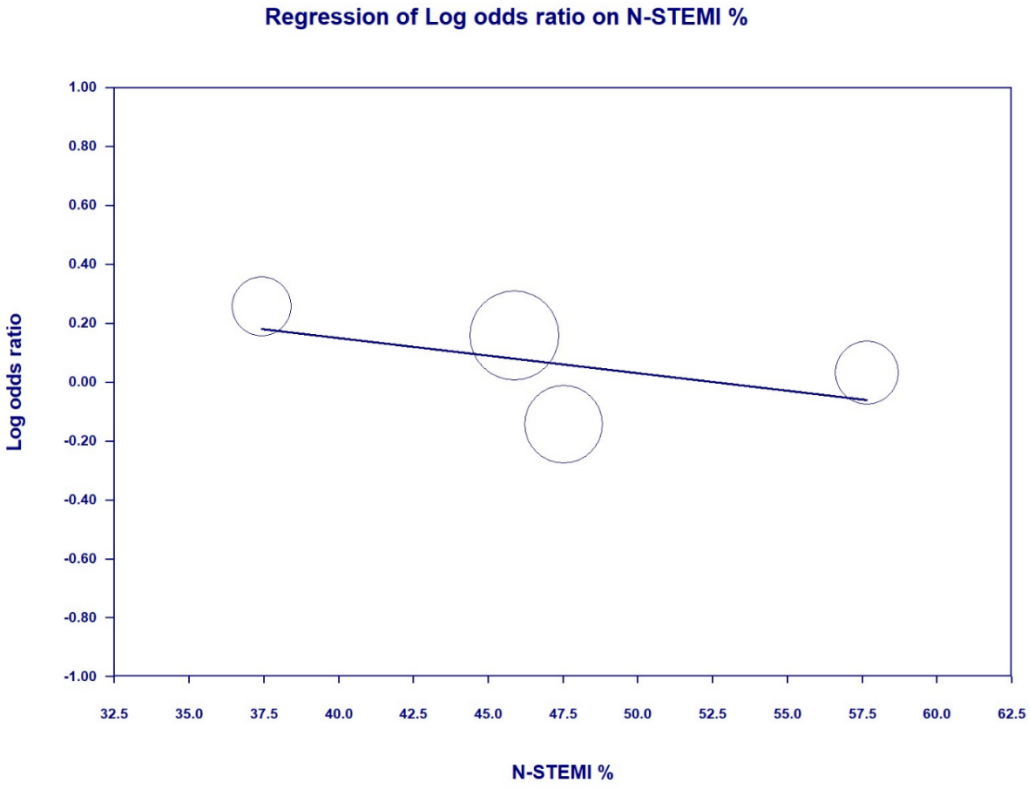
Supplementary Figure 41. Meta Regression on Hypertension % for ID TLR



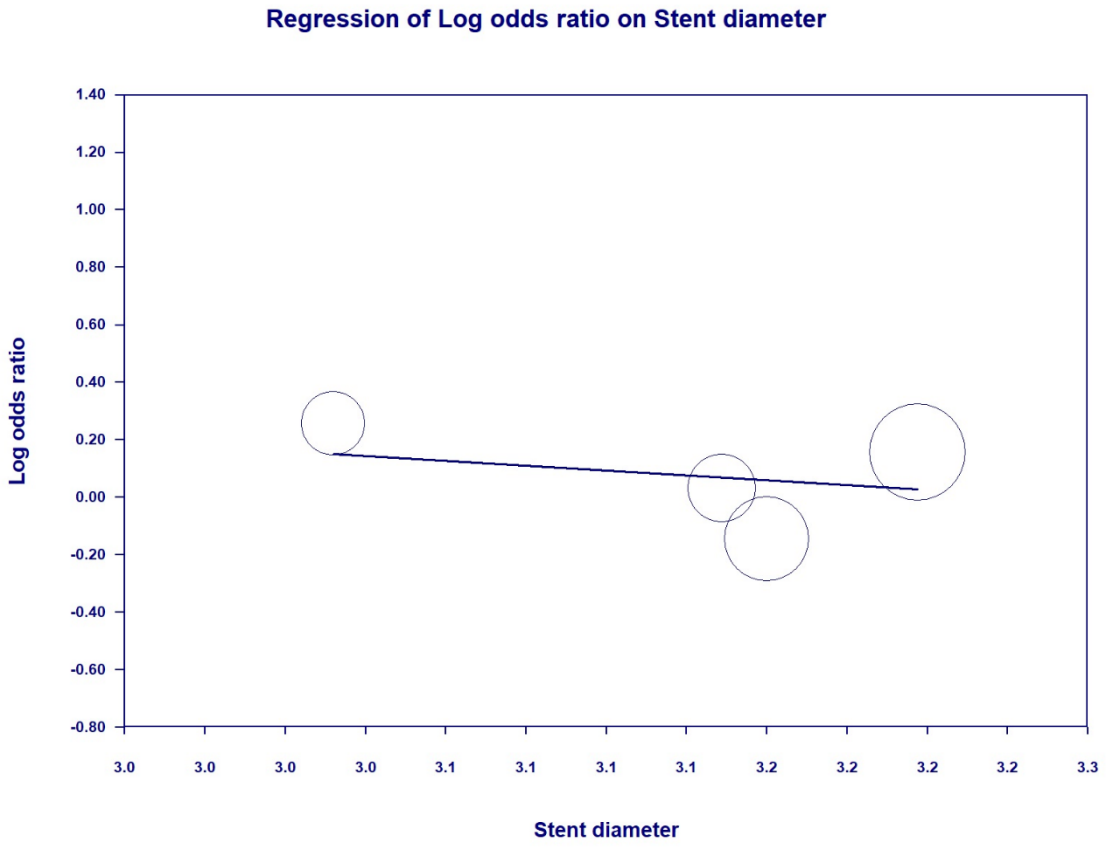
Supplementary Figure 42. Meta Regression on Total Stent Length per Lesion (mm) for ID TLR



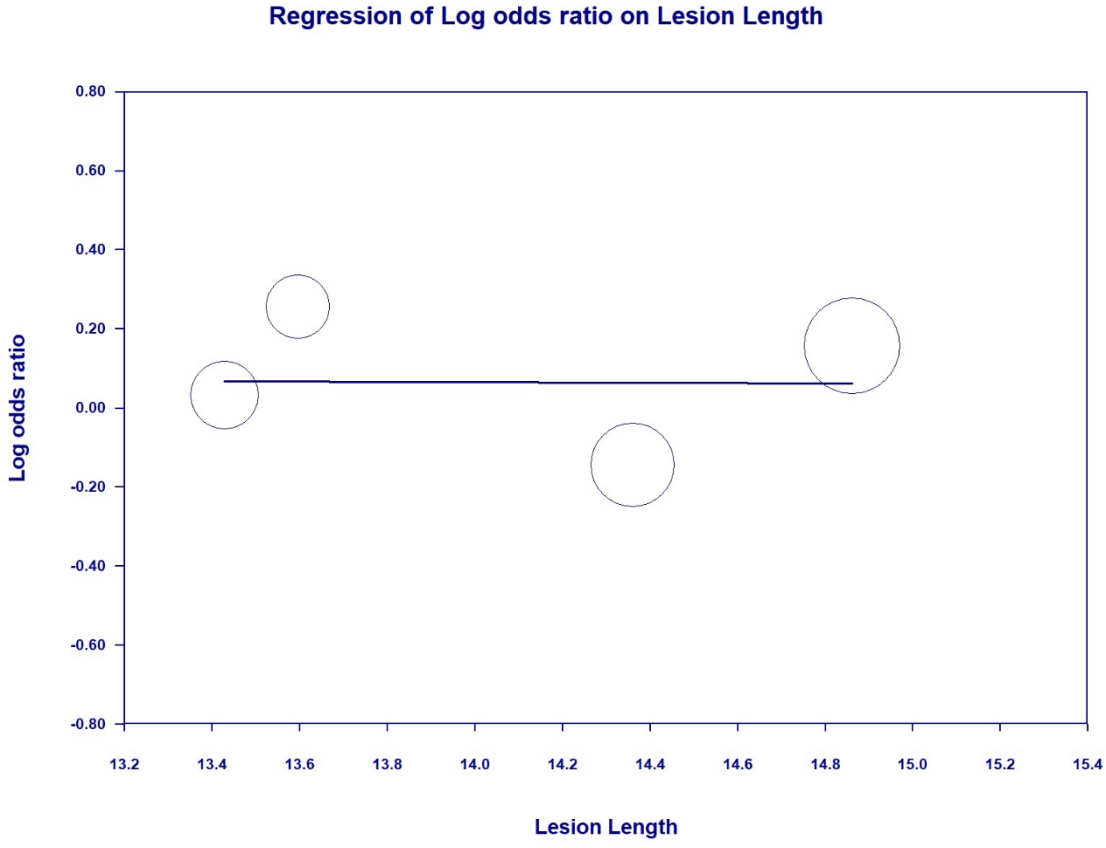
Supplementary Figure 43. Meta Regression on N-STEMI % for ID TLR



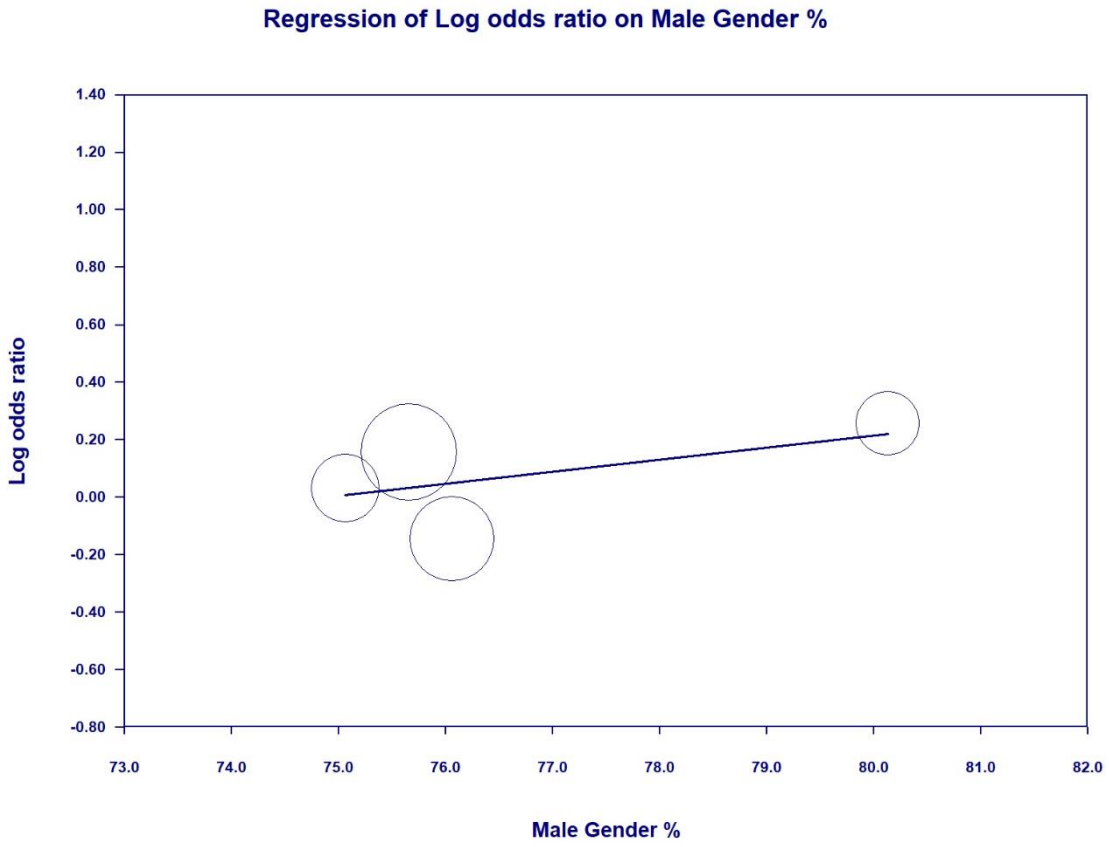
Supplementary Figure 44. Meta Regression on Stent Diameter (mm) for ID TLR



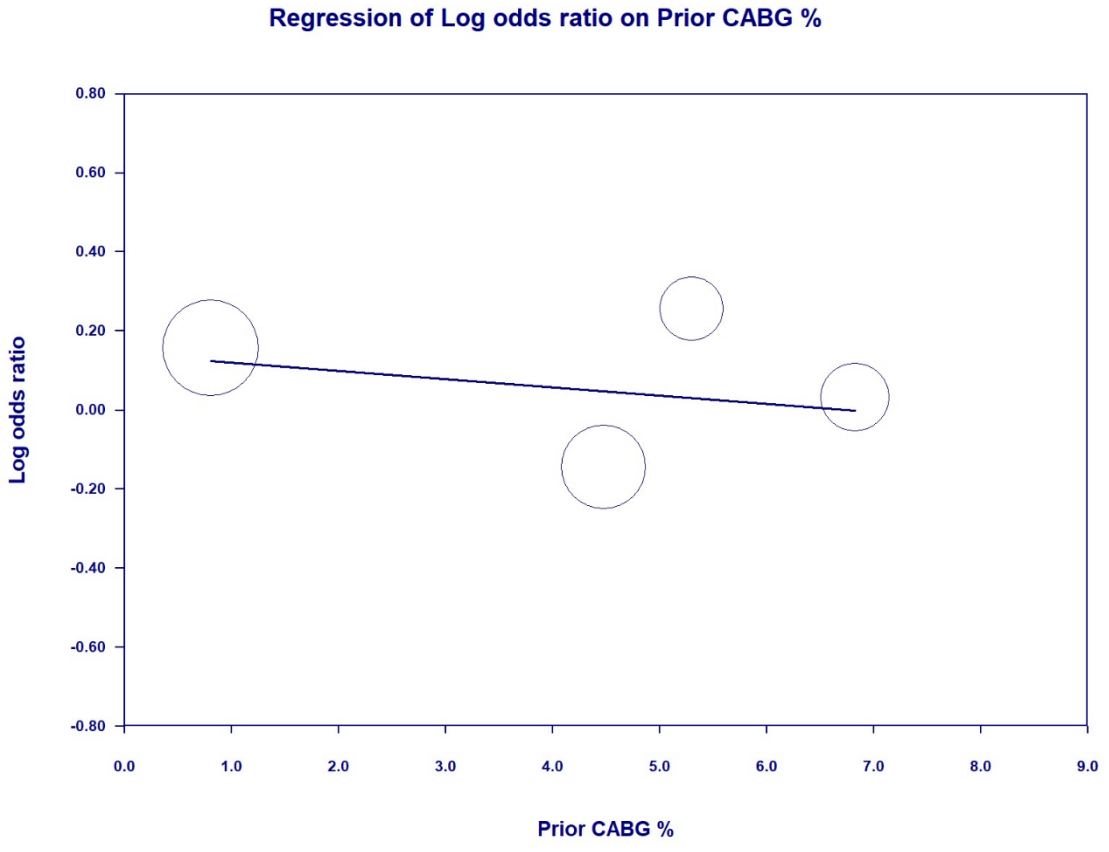
Supplementary Figure 45. Meta Regression on Lesion Length (mm) for ID TLR



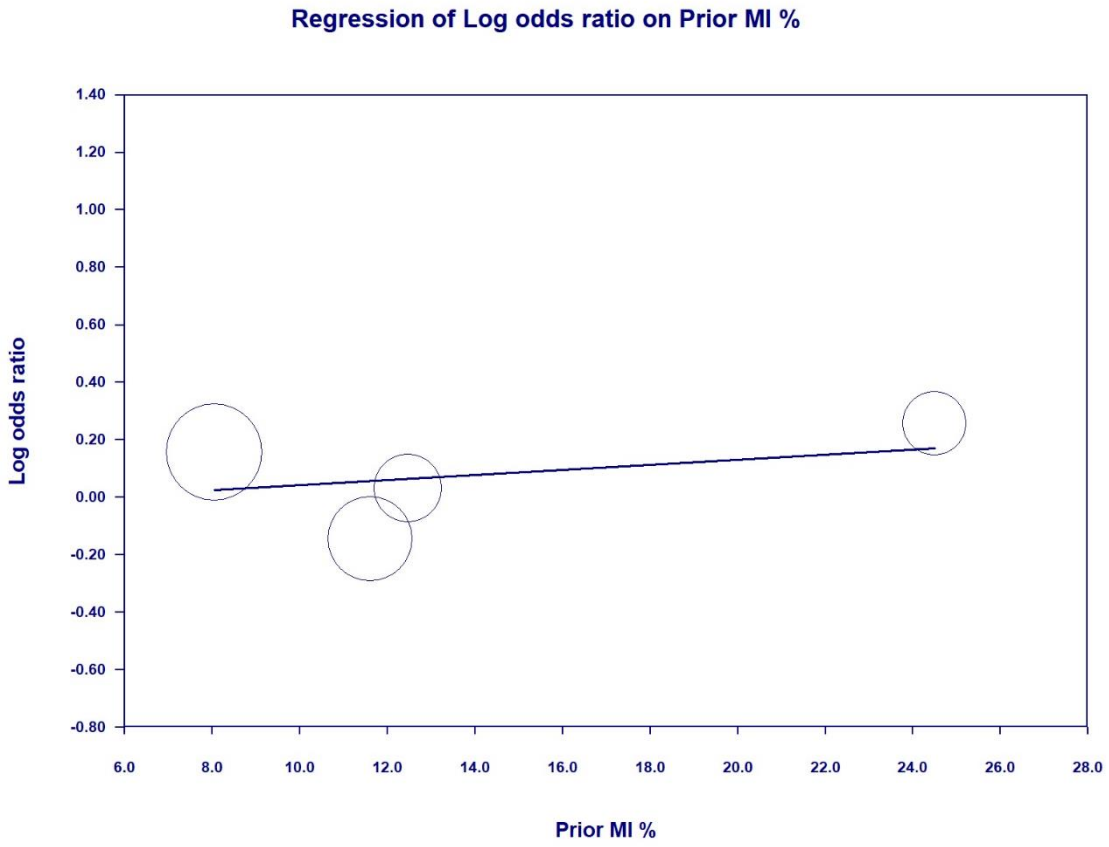
Supplementary Figure 46. Meta Regression on Male Gender % for ID TLR



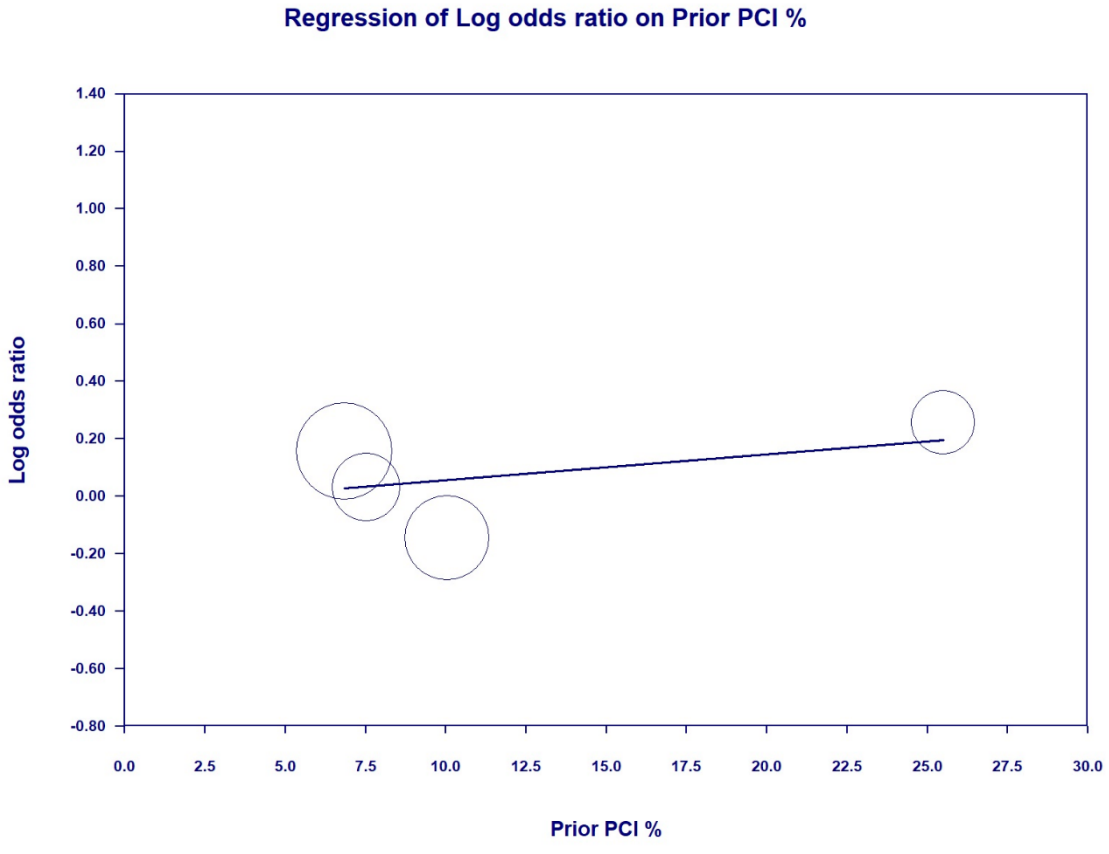
Supplementary Figure 47. Meta Regression on Prior CABG % for ID TLR



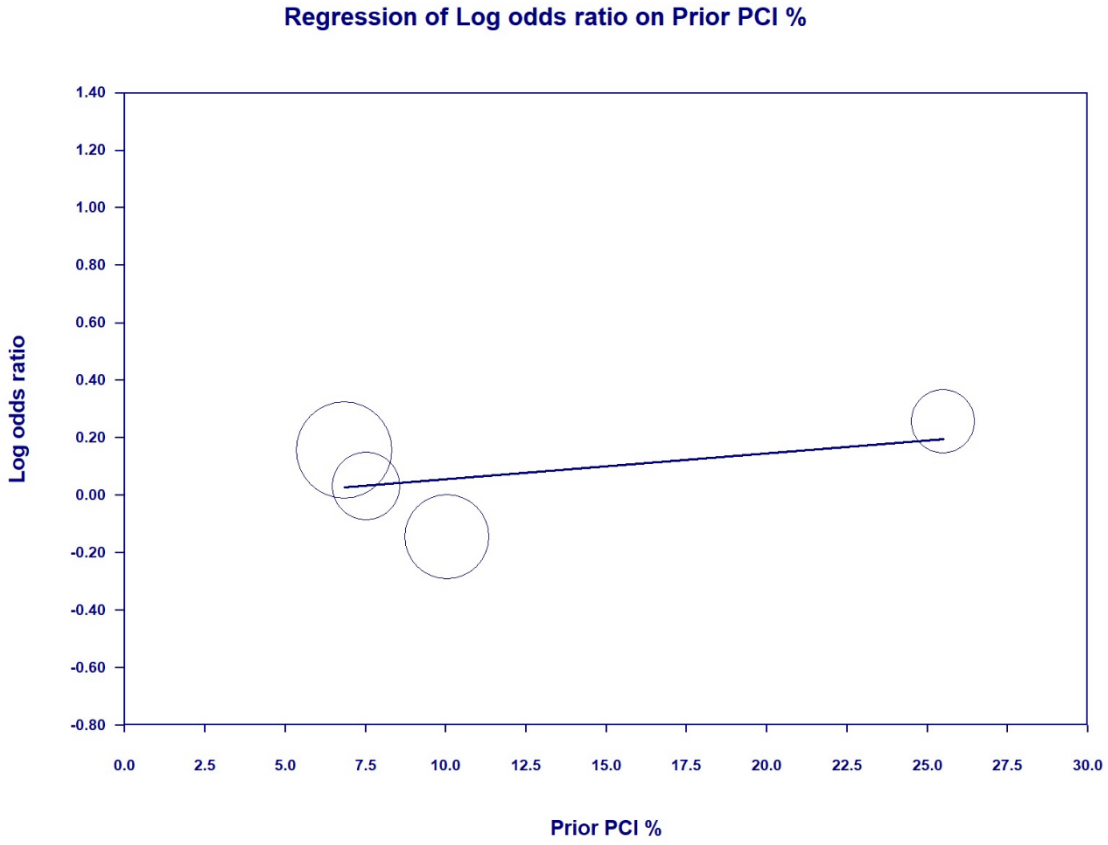
Supplementary Figure 48. Meta Regression on Prior MI % for ID TLR



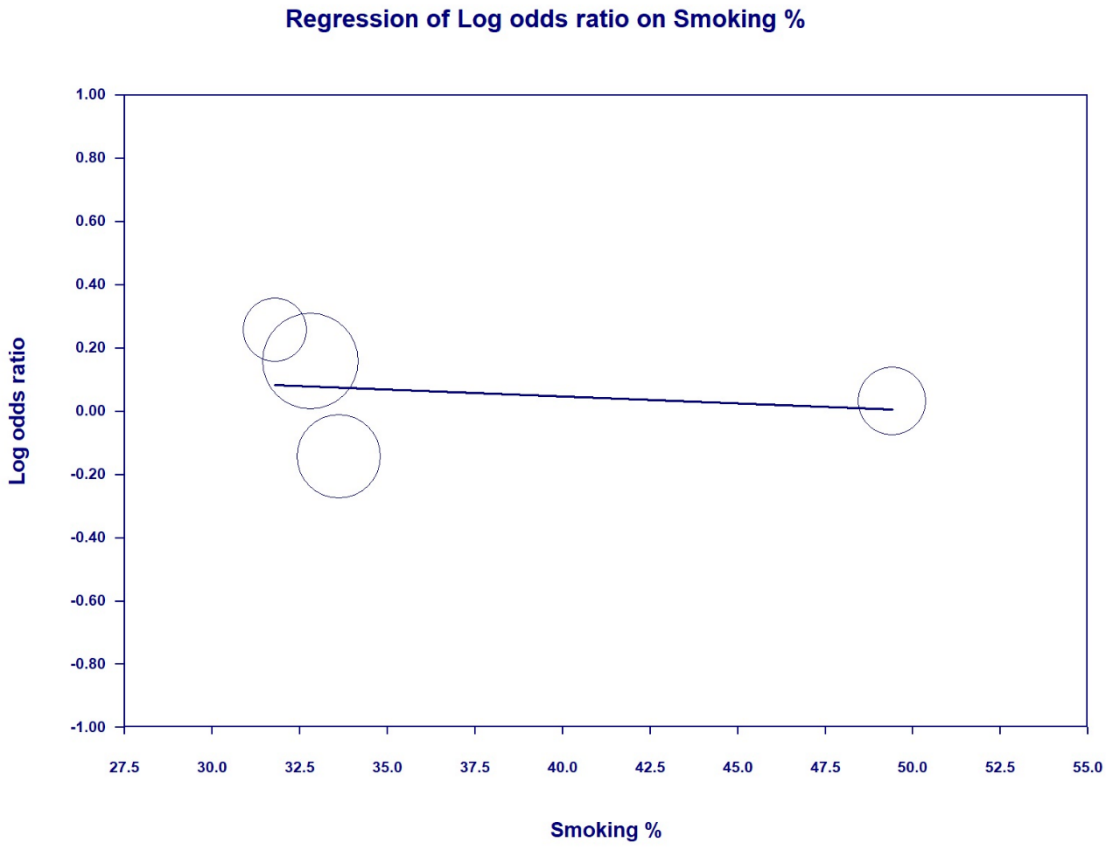
Supplementary Figure 49. Meta Regression on Prior PCI % for ID TLR



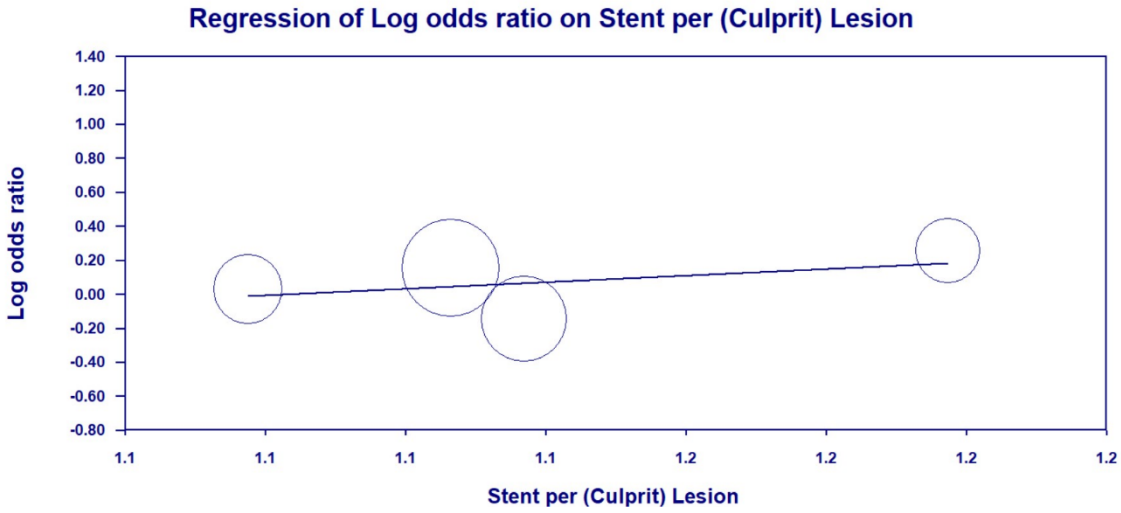
Supplementary Figure 50. Meta Regression on Reference Vessel Diameter (mm) for ID TLR



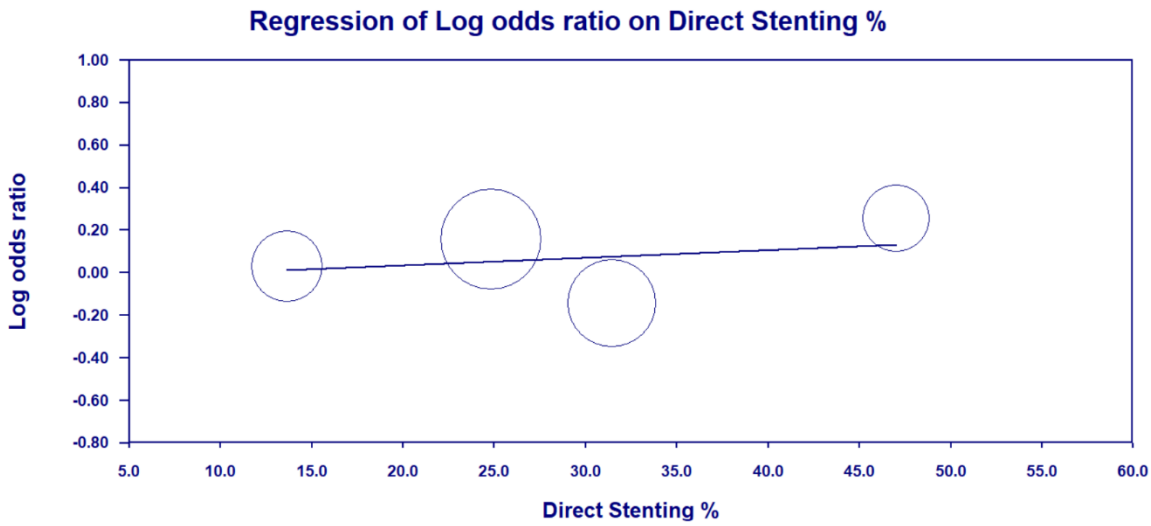
Supplementary Figure .51 Meta Regression on Smoking % for ID TLR



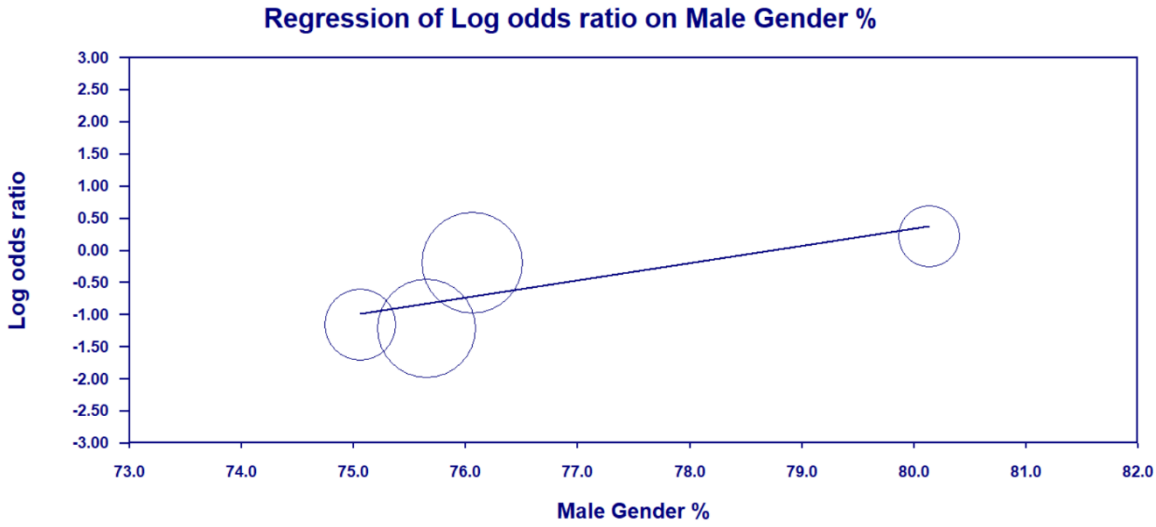
Supplementary Figure 52. Meta Regression on Stent per (Culprit) Lesion for ID TLR



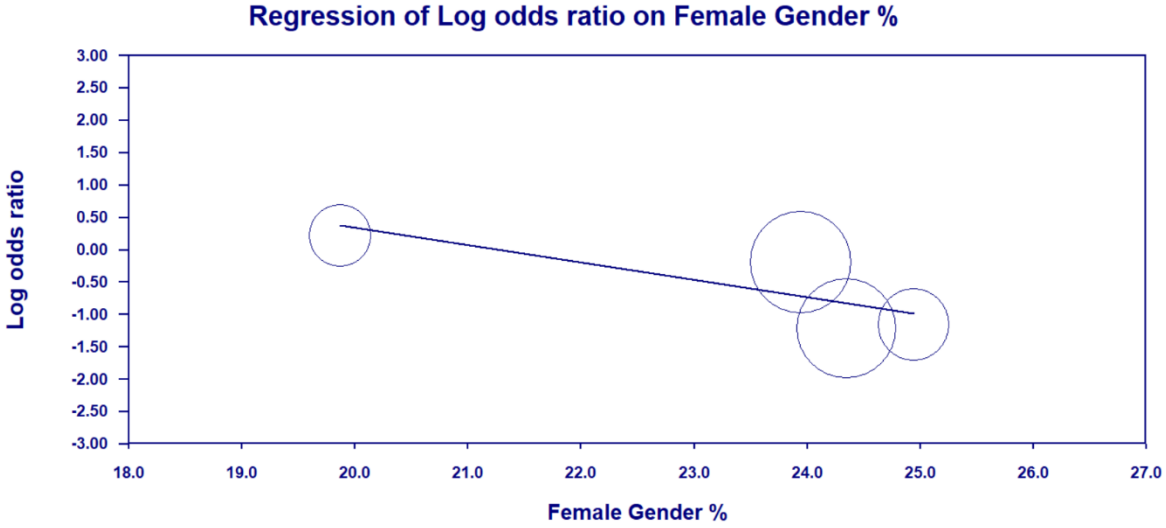
Supplementary Figure 53. Meta Regression on Direct Stenting% for ID TLR



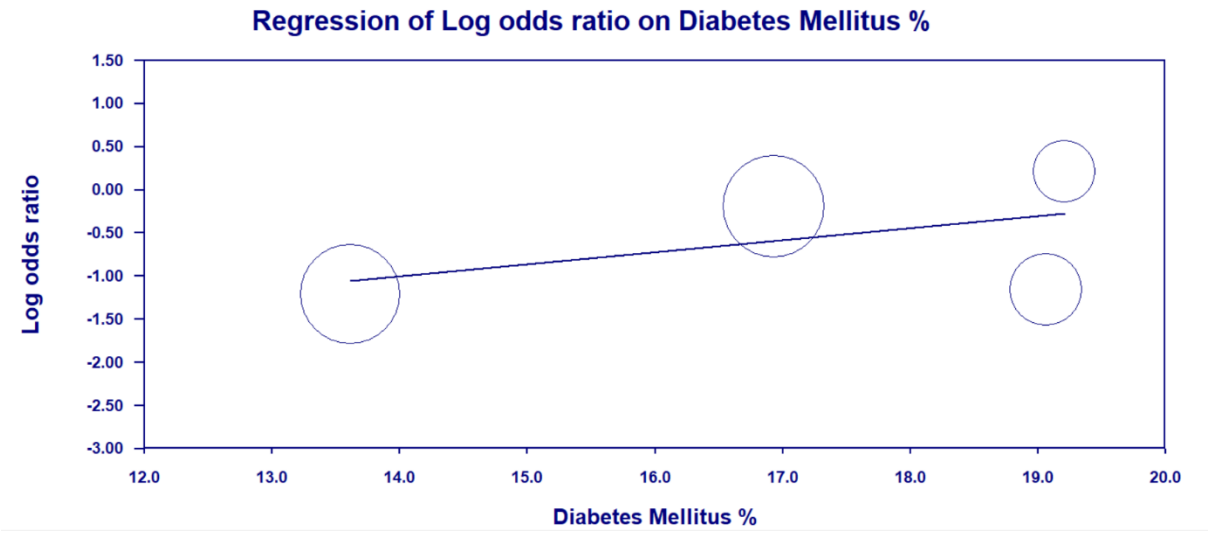
Supplementary Figure 54. Meta Regression on Male Gender % for Cardiac Death



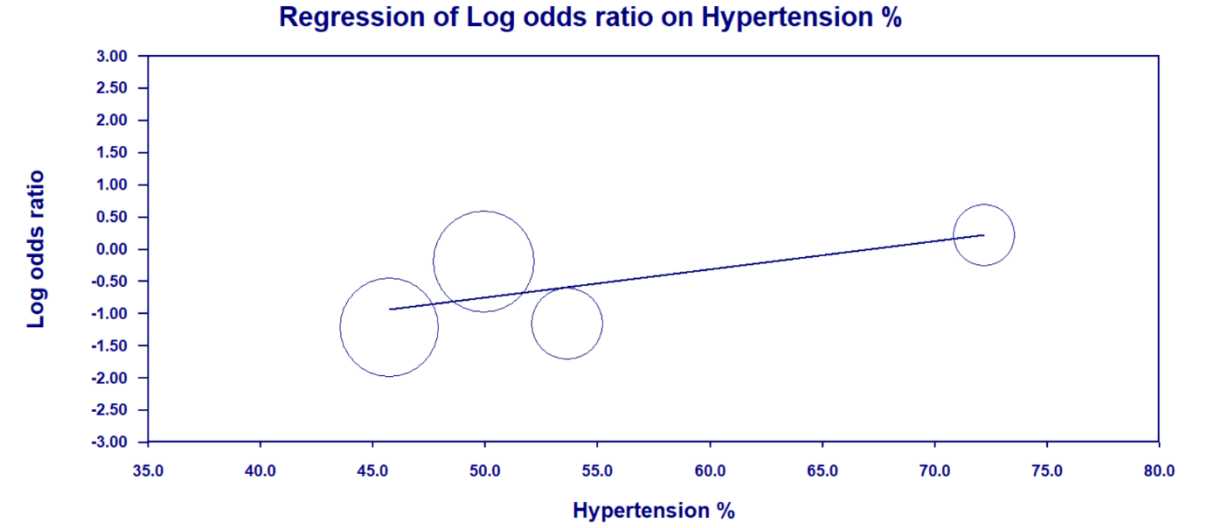
Supplementary Figure 55. Meta Regression on Female Gender % for Cardiac Death



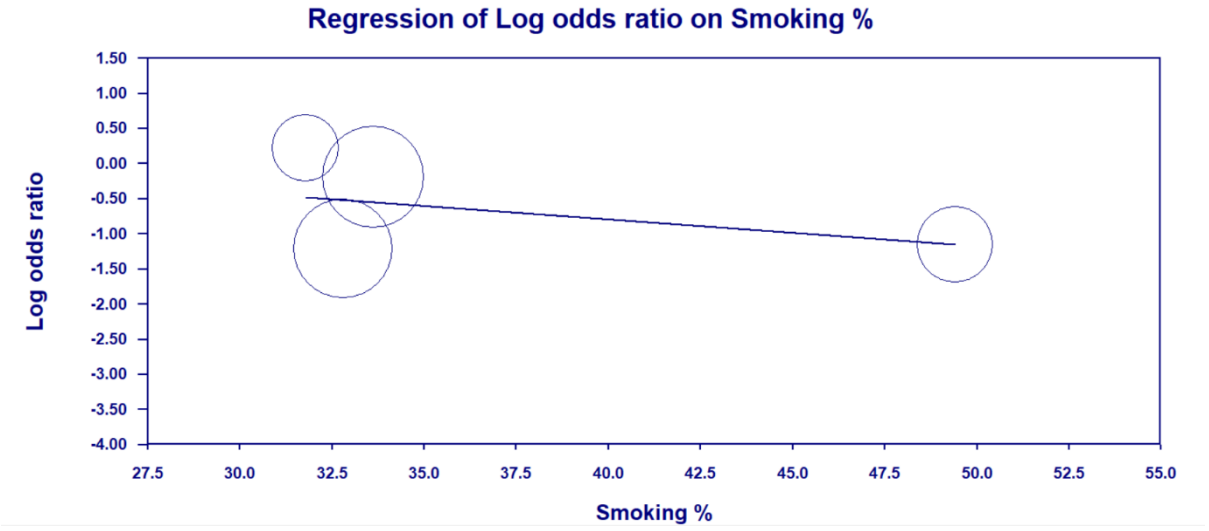
Supplementary Figure 56. Meta Regression on Diabetes Mellitus % for Cardiac Death



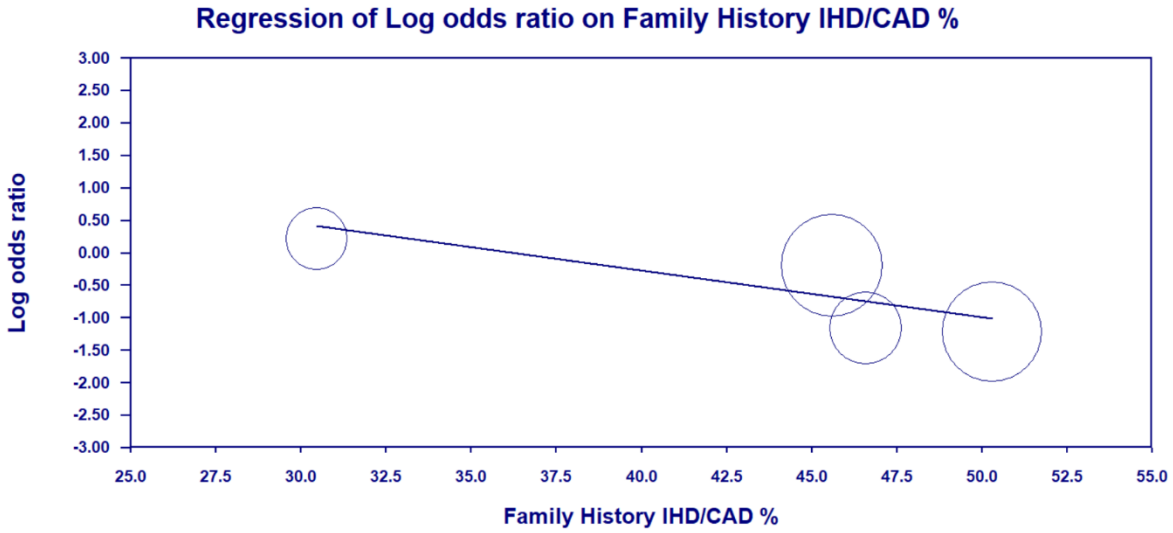
Supplementary Figure 57. Meta Regression on Hypertension % for Cardiac Death



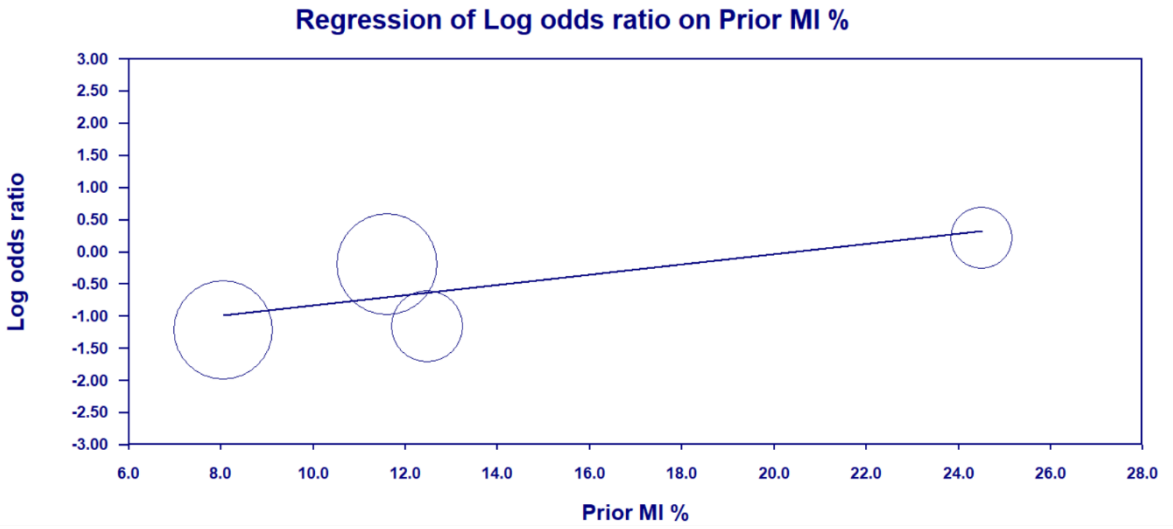
Supplementary Figure 58. Meta Regression on Smoking % for Cardiac Death



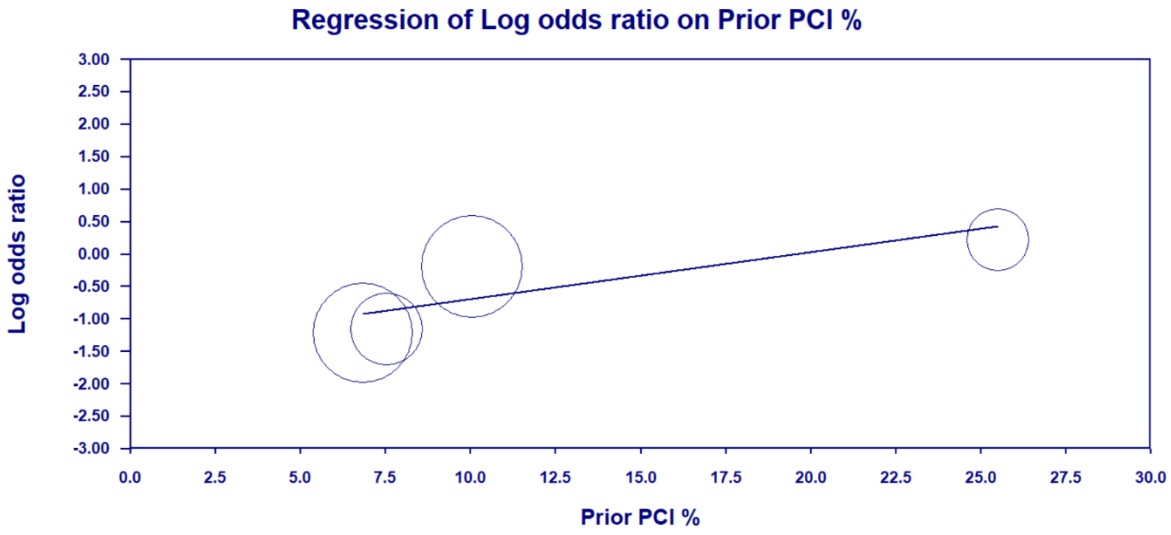
Supplementary Figure 59. Meta Regression on History IHD/CAD % for Cardiac Death Family



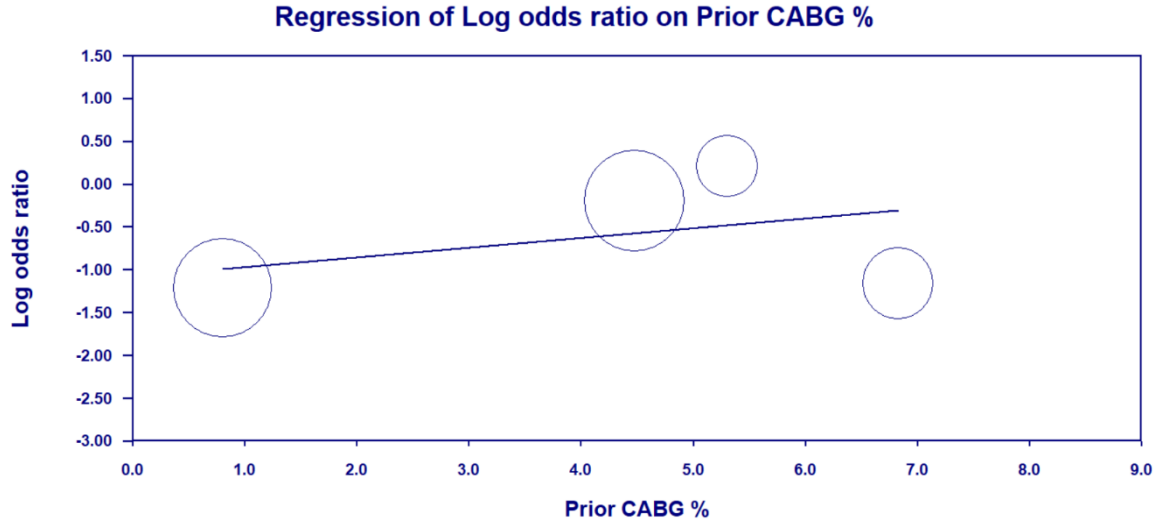
Supplementary Figure 60. Meta Regression on Prior MI % for Cardiac Death



Supplementary Figure 61. Meta Regression on Prior PCI % for Cardiac Death

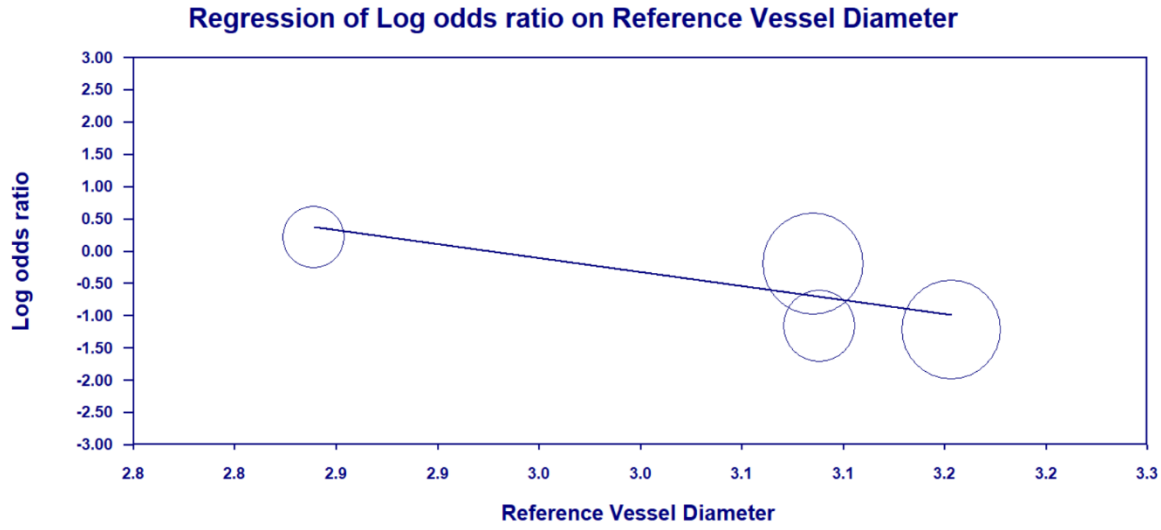


Supplementary Figure 62. Meta Regression on Prior CABG % for Cardiac Death

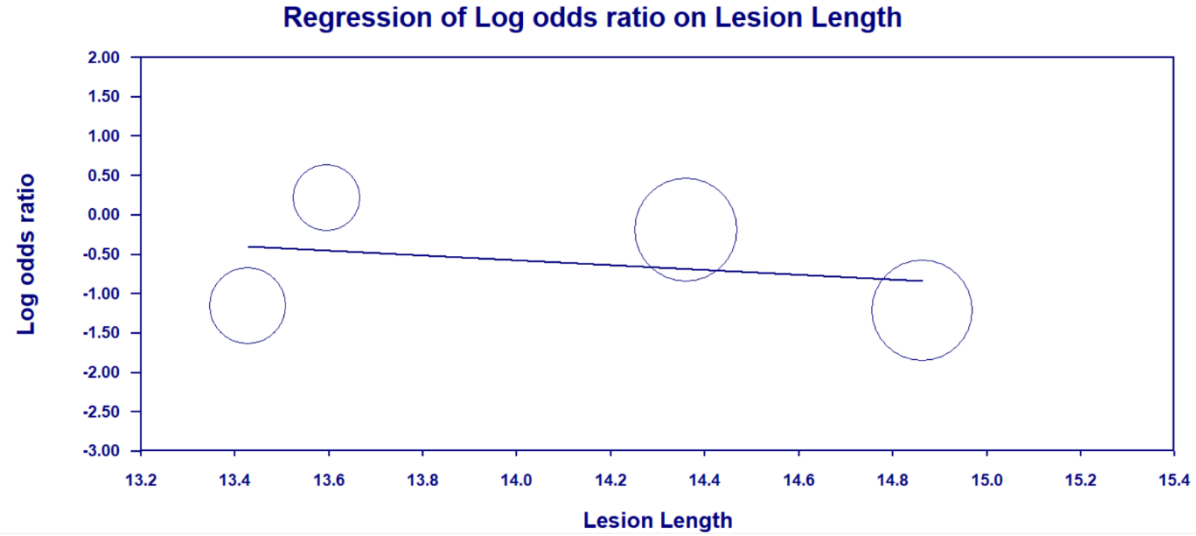


Supplementary Figure 63. Meta Regression on Age (years) for Cardiac Death

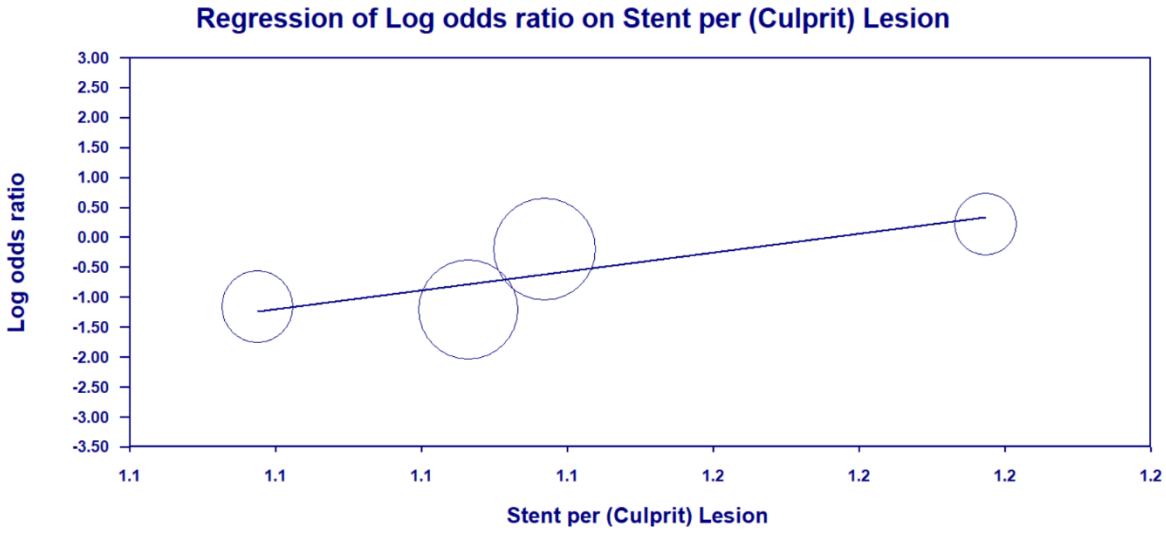
Supplementary Figure 64. Meta Regression on Reference Vessel Diameter (mm) for Cardiac Death



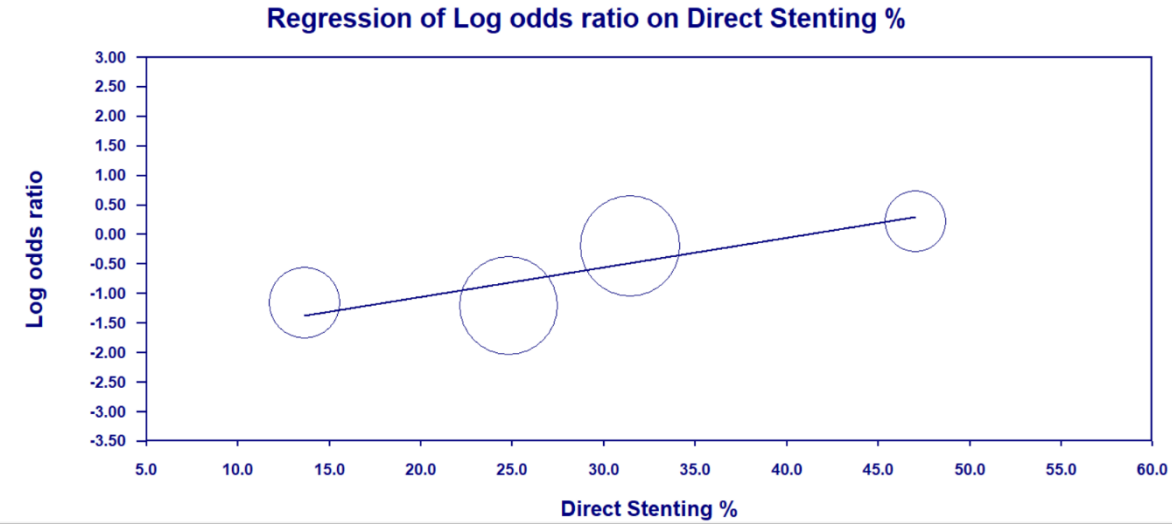
Supplementary Figure 65. Meta Regression on Lesion Length (mm) for Cardiac Death



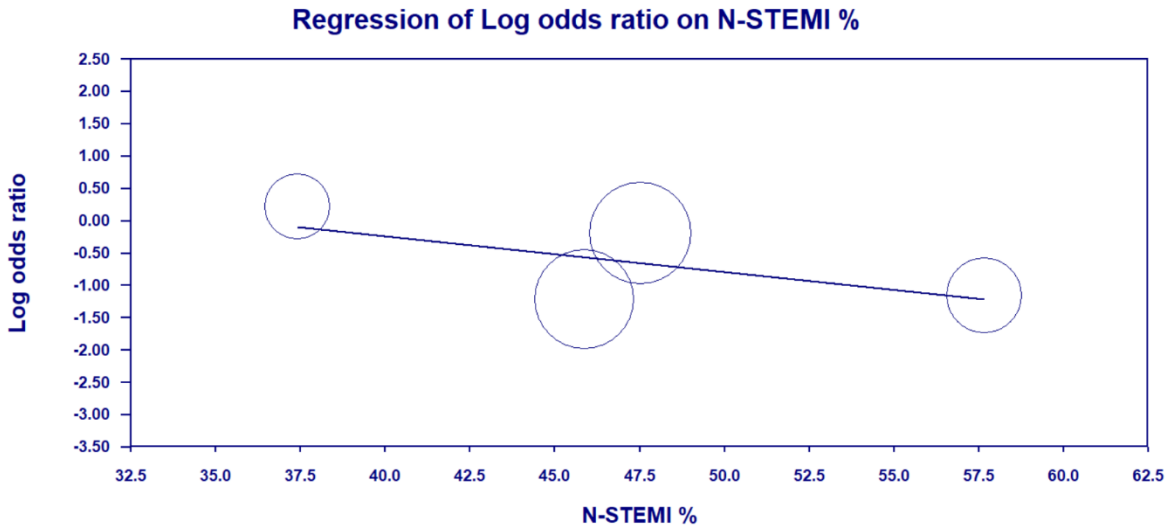
Supplementary Figure 66. Meta Regression on Stent per (Culprit) Lesion for Cardiac Death



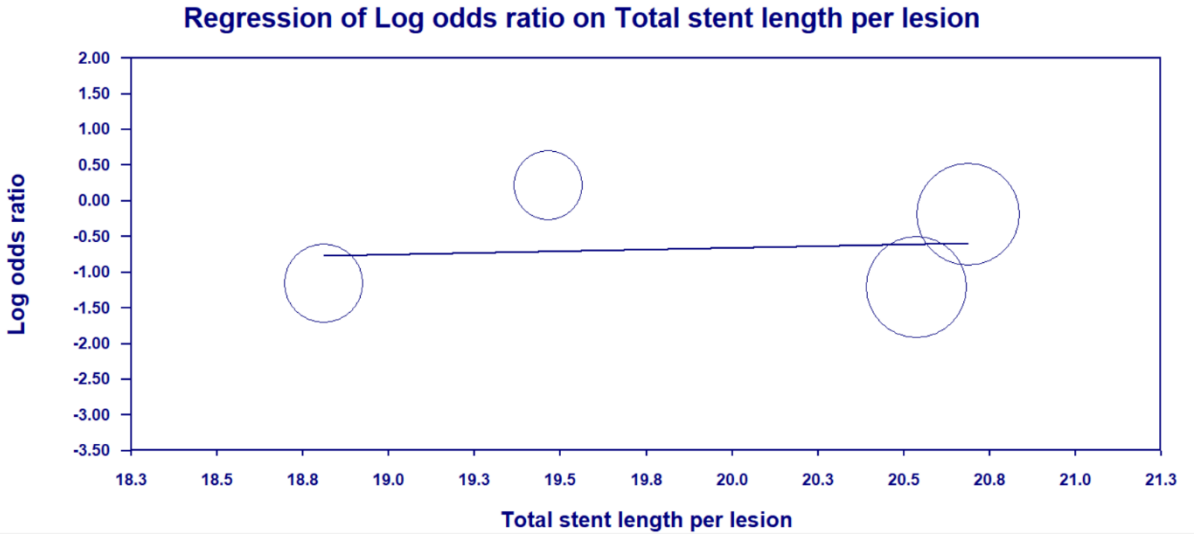
Supplementary Figure 67. Meta Regression on Direct Stenting % for Cardiac Death



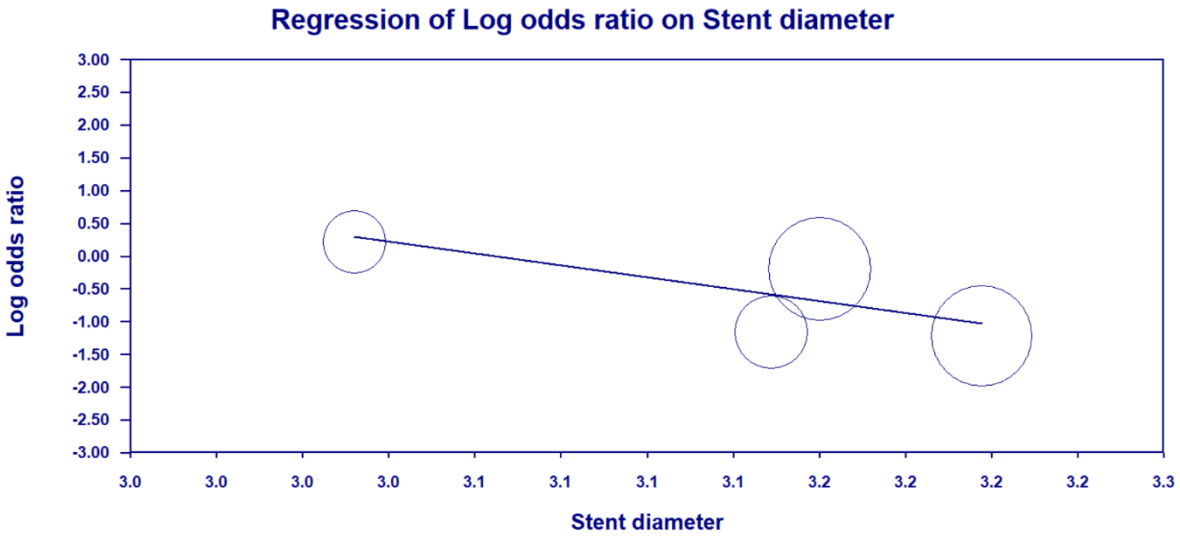
Supplementary Figure 68. Meta Regression on N-STEMI % for Cardiac Death



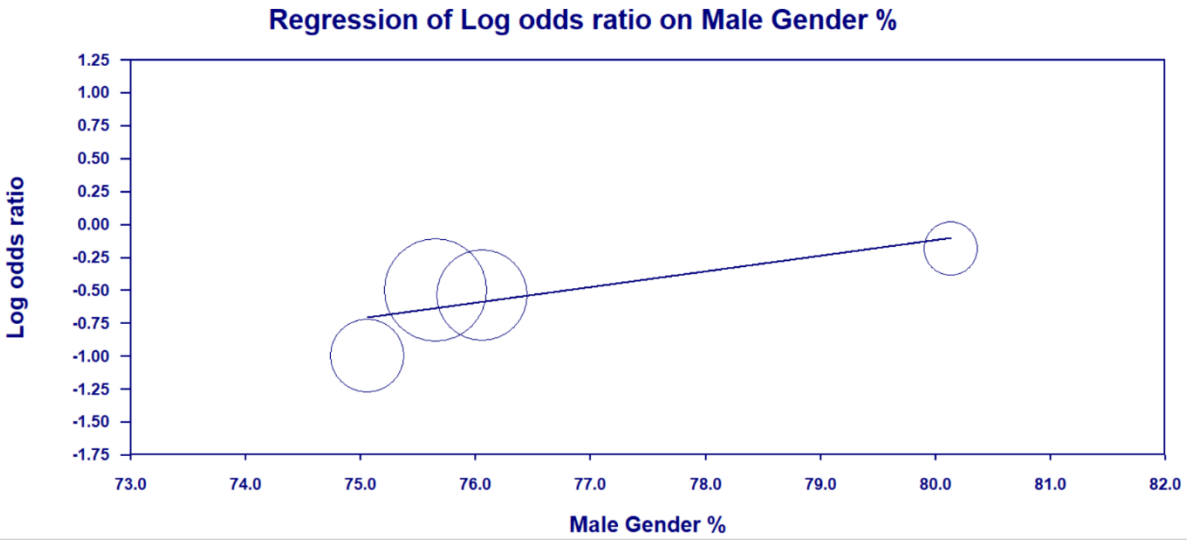
Supplementary Figure 69. Meta Regression on Total Stent Length per Lesion (mm) for Cardiac Death



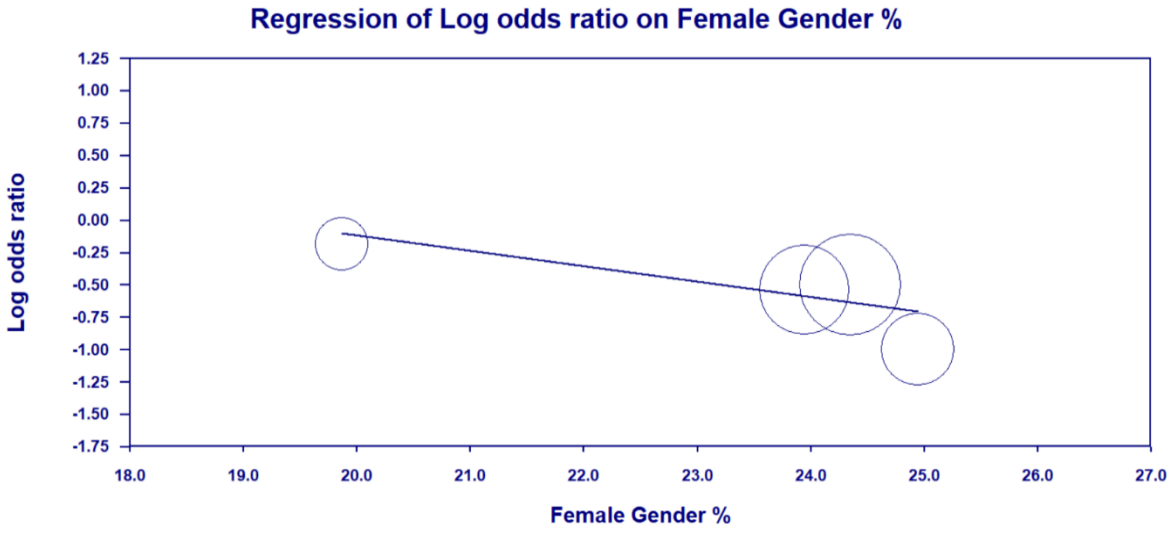
Supplementary Figure 70. Meta Regression on Stent Diameter (mm) for Cardiac Death



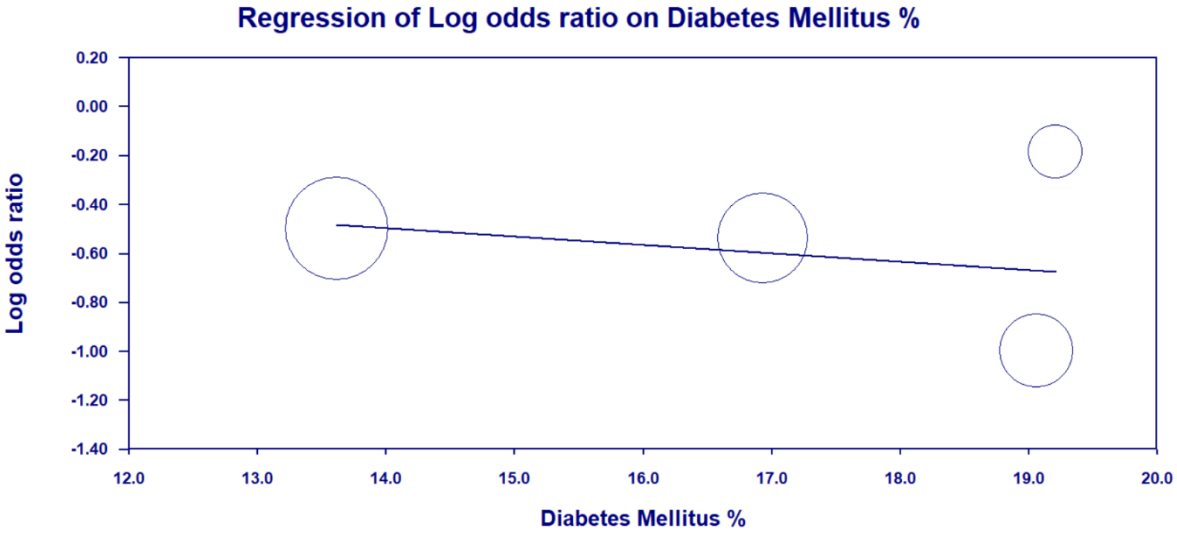
Supplementary Figure 71. Meta Regression on Male Gender % for Cardiac Death or MI



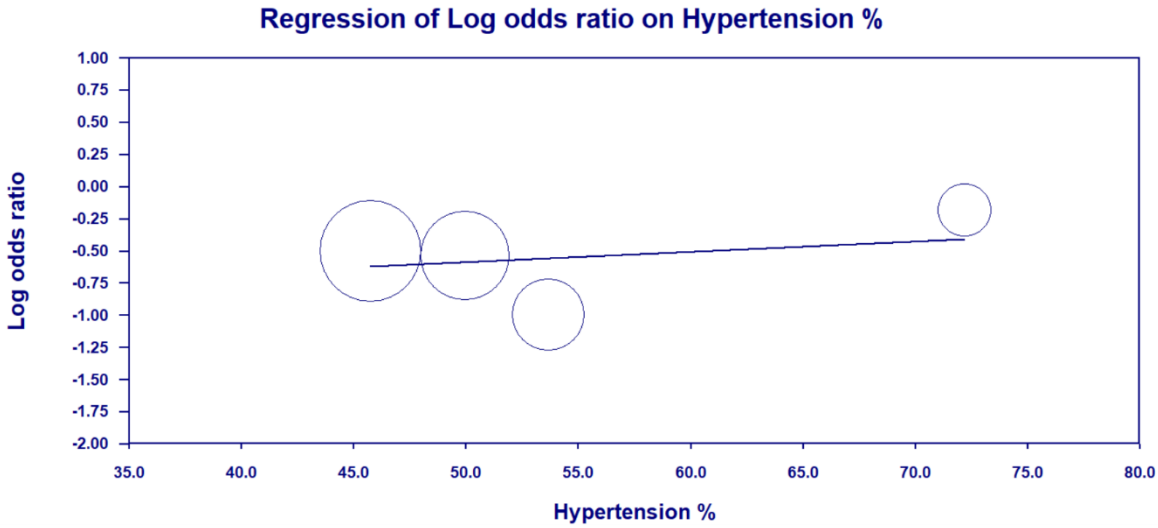
Supplementary Figure 72. Meta Regression on Female Gender % for Cardiac Death or MI



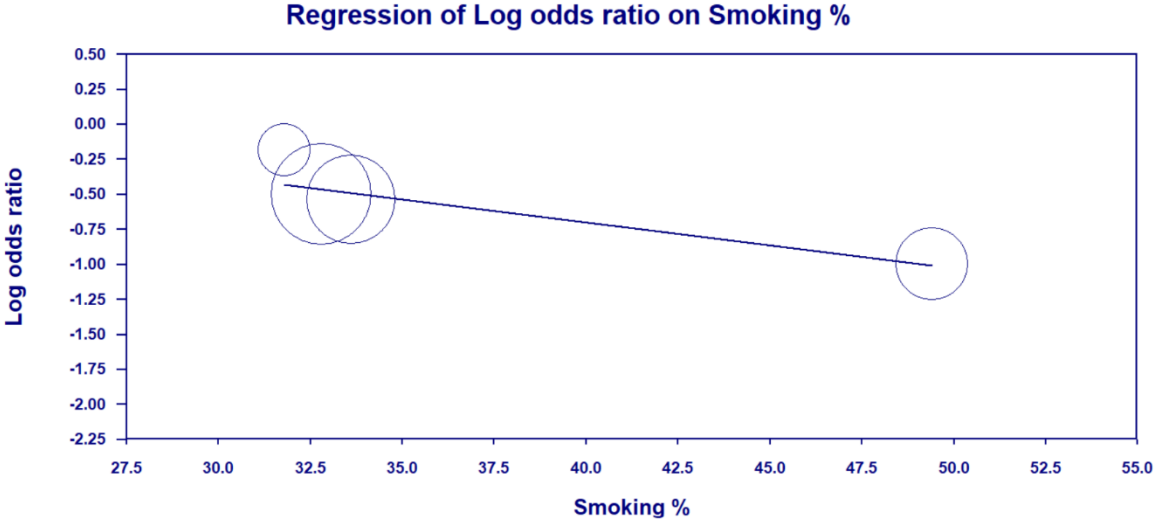
Supplementary Figure 73. Meta Regression on Diabetes Mellitus % for Cardiac Death or MI



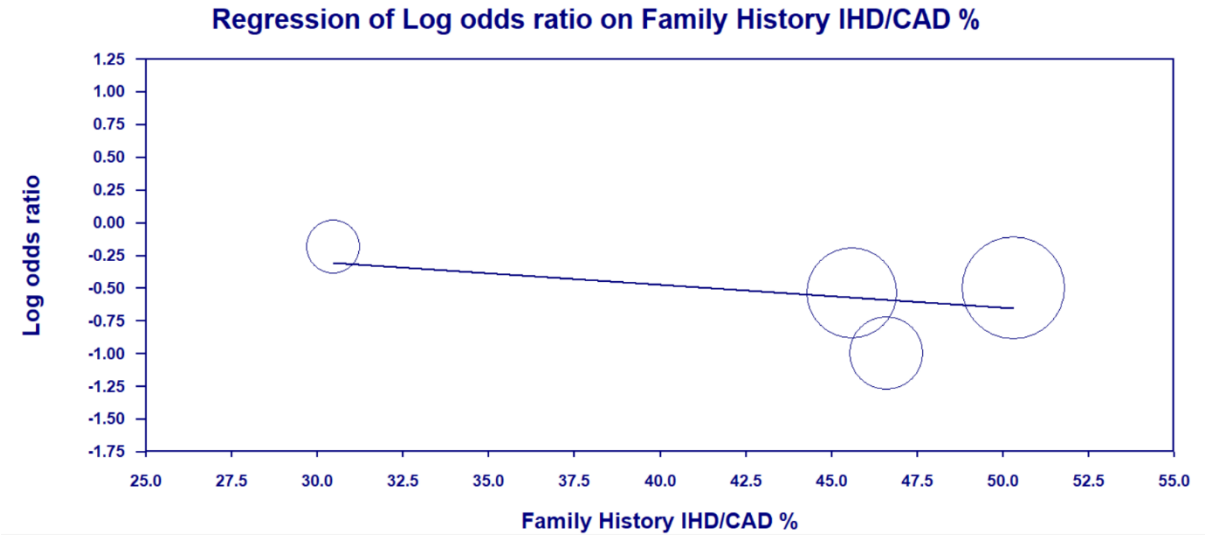
Supplementary Figure 74. Meta Regression on Hypertension % for Cardiac Death or MI



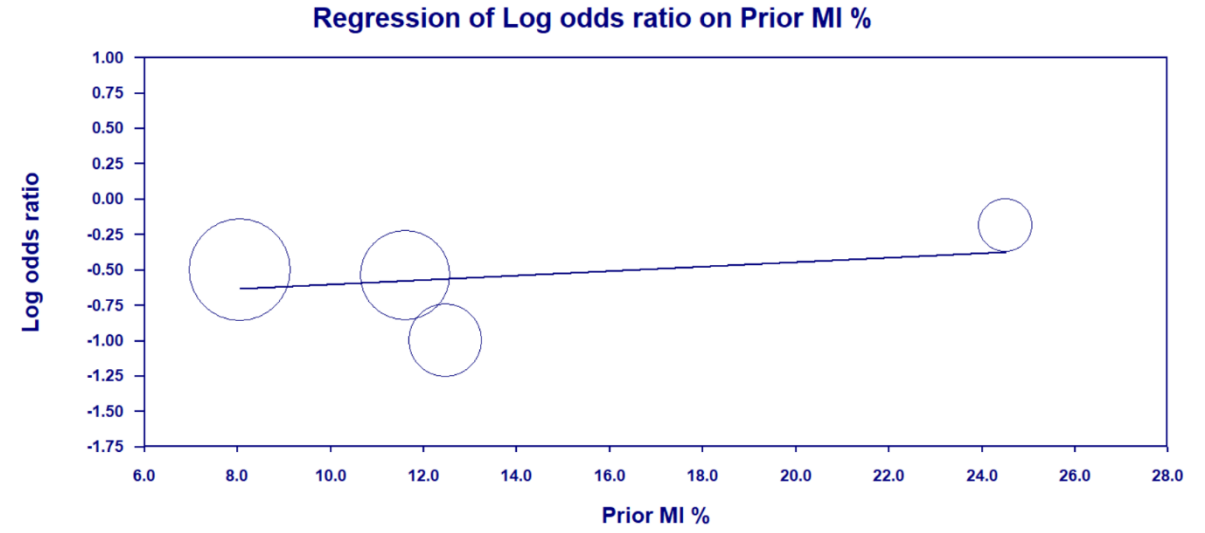
Supplementary Figure 75. Meta Regression on Smoking % for Cardiac Death or MI



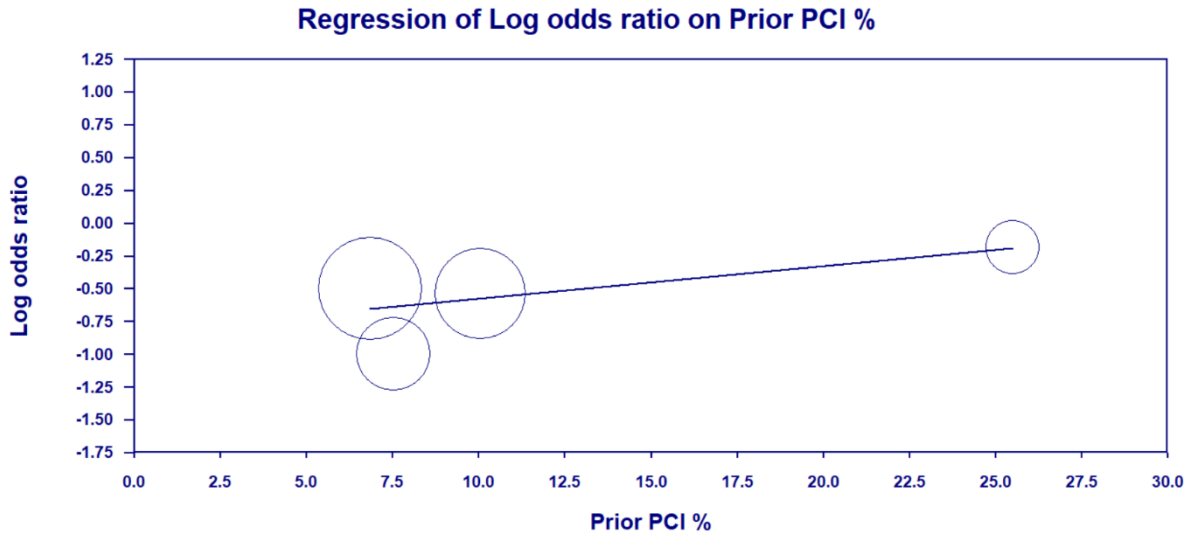
Supplementary Figure 76. Meta Regression on Family History IHD/CAD % for Cardiac Death or MI



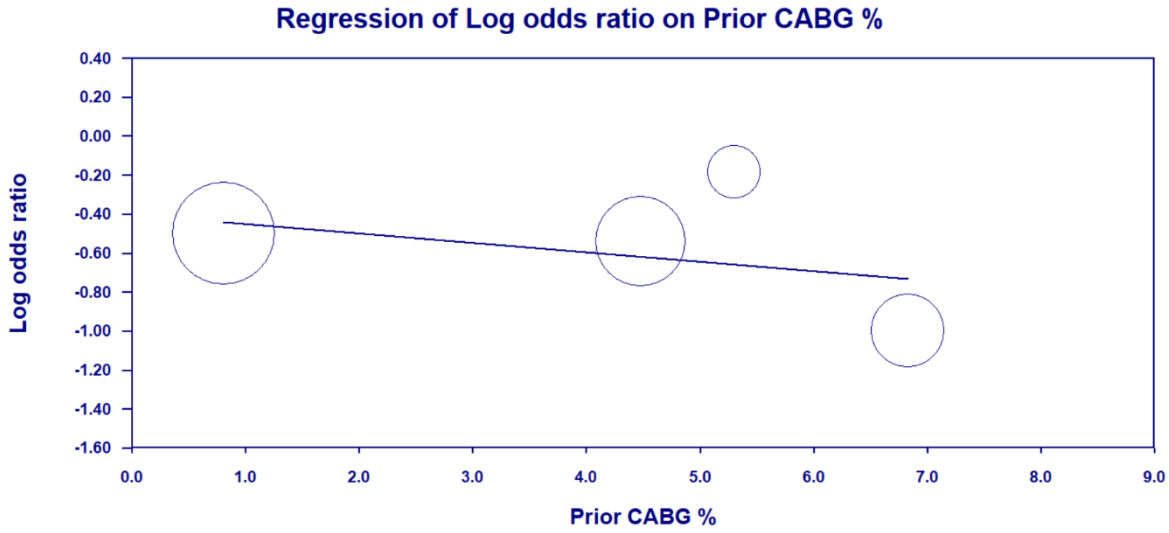
Supplementary Figure 77. Meta Regression on Prior MI % for Cardiac Death or MI



Supplementary Figure 78. Meta Regression on Prior PCI % for Cardiac Death or MI

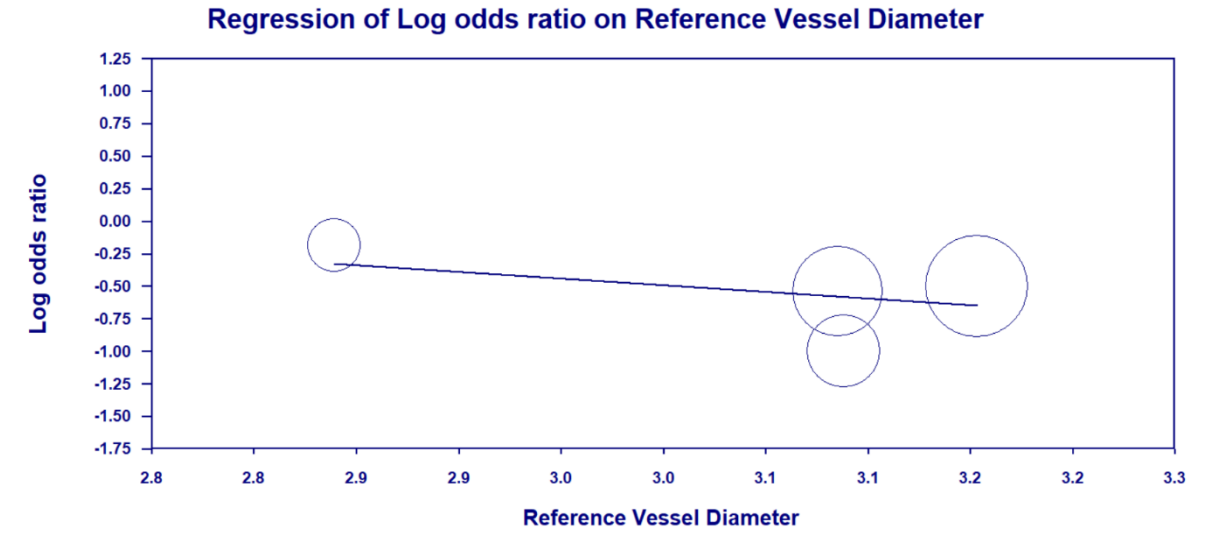


Supplementary Figure 79. Meta Regression on Prior CABG % for Cardiac Death or MI

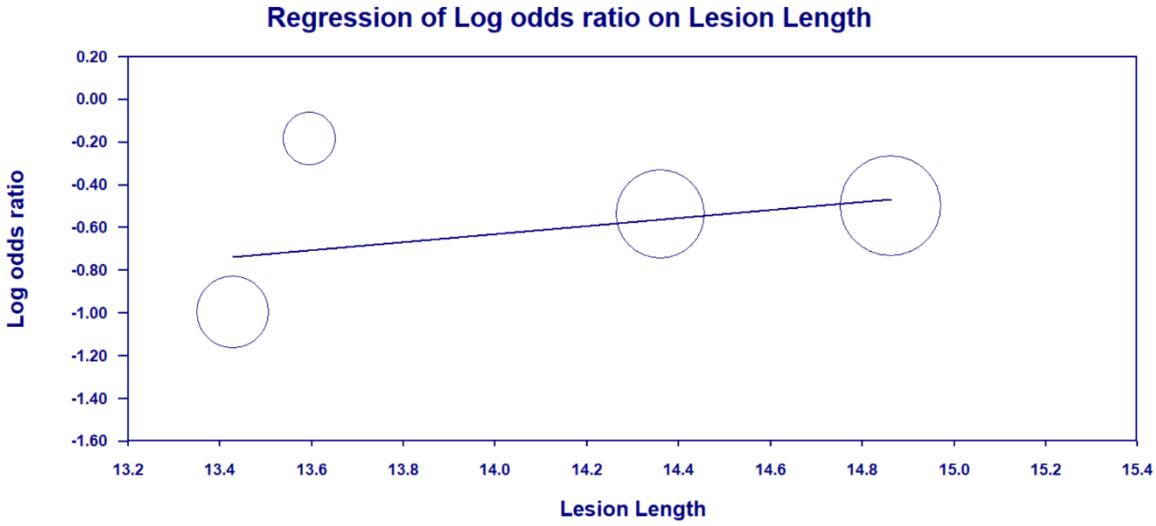


Supplementary Figure 80. Meta Regression on Age (years) for Cardiac Death or MI

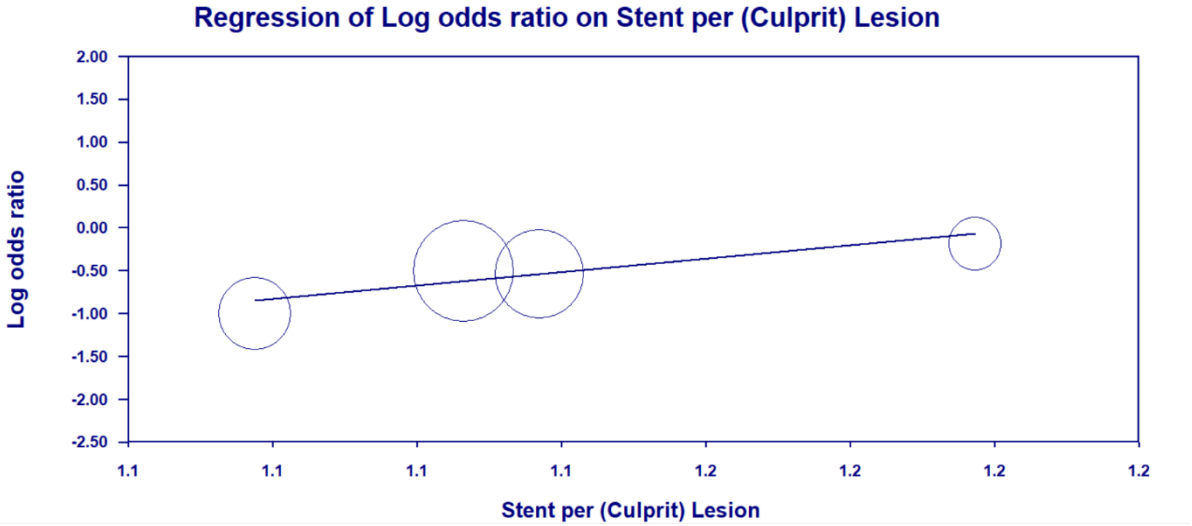
Supplementary Figure 81. Meta Regression on Reference Vessel Diameter (mm) for Cardiac Death or MI



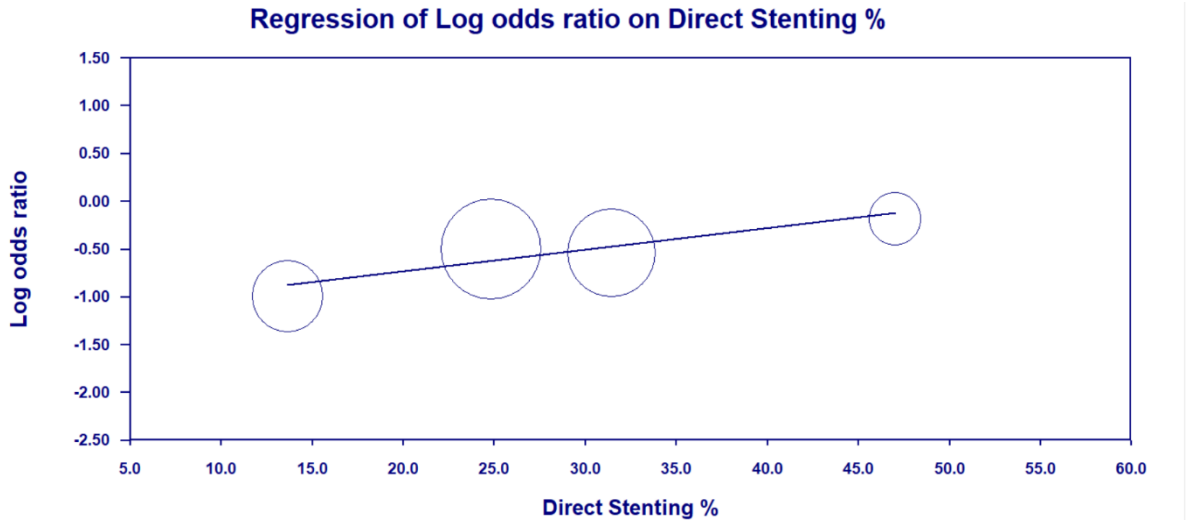
Supplementary Figure 82. Meta Regression on Lesion Length (mm) for Cardiac Death or MI



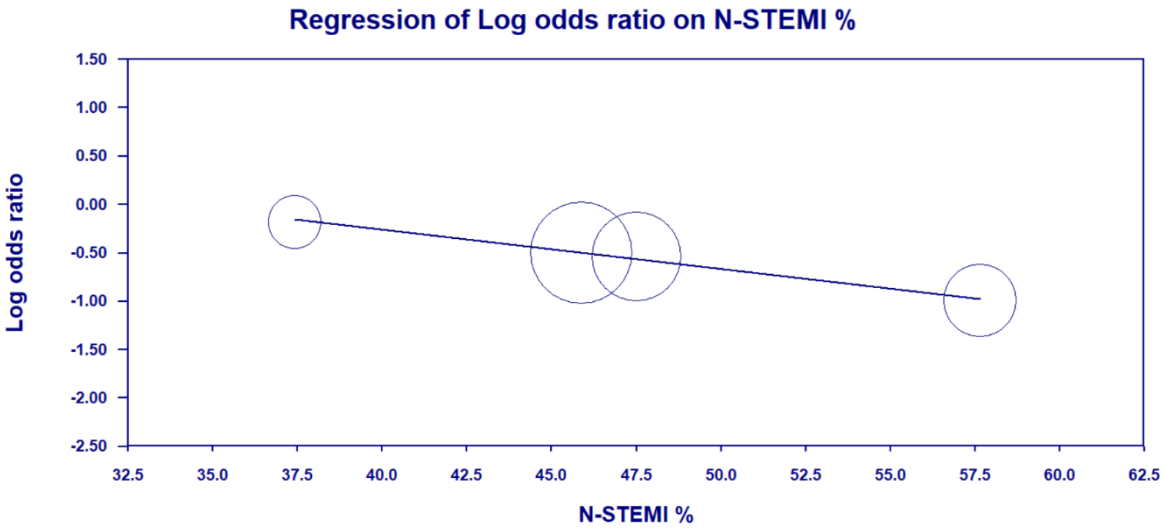
Supplementary Figure 83. Meta Regression on Stent per (Culprit) Lesion for Cardiac Death or MI



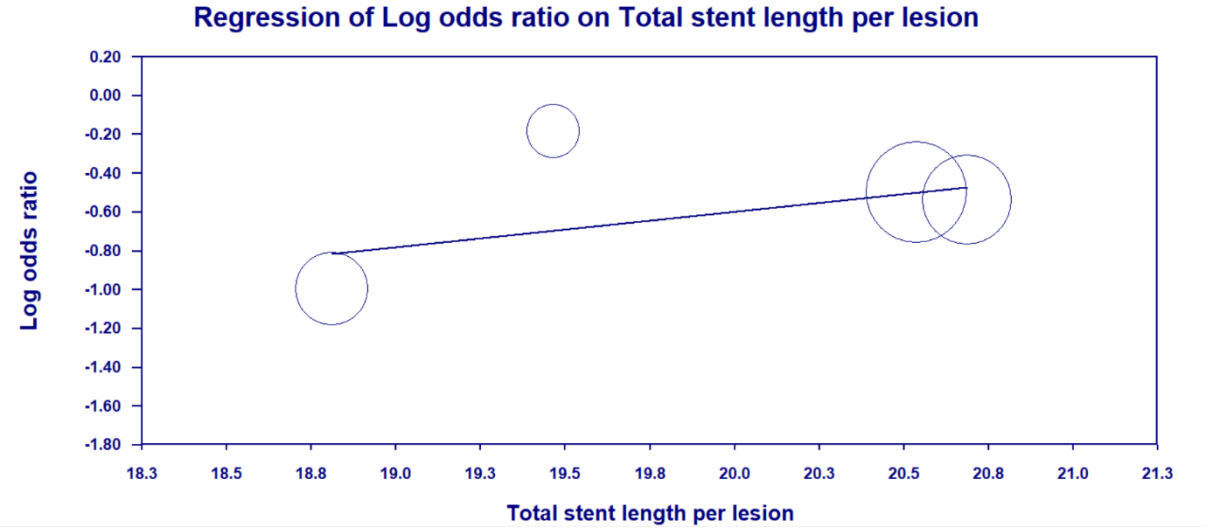
Supplementary Figure 84. Meta Regression on Direct Stenting % for Cardiac Death or MI



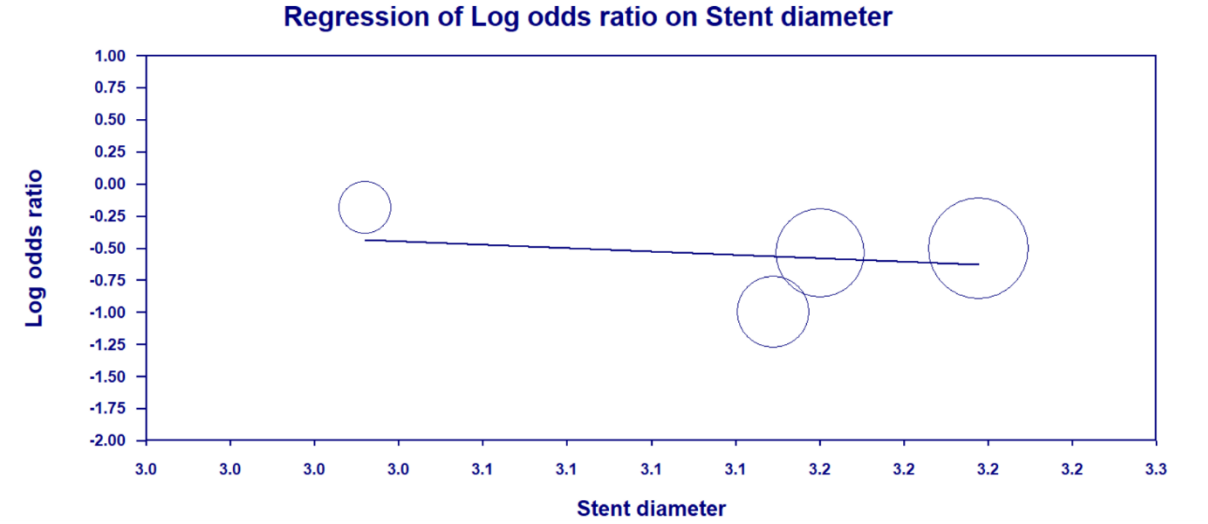
Supplementary Figure 85. Meta Regression on N-STEMI % for Cardiac Death or MI



Supplementary Figure 86. Meta Regression on Total Stent Length per Lesion (mm) for Cardiac Death or MI



Supplementary Figure 87. Meta Regression on Stent Diameter (mm) for Cardiac Death or MI



Supplementary Table 1 Search strategy

Database	Search Strategy

PubMed/MEDLINE (93 results)	("bioactivate"[All Fields] OR "bioactivated"[All Fields] OR "bioactivates"[All Fields] OR "bioactivating"[All Fields] OR "bioactivation"[All Fields] OR "bioactivations"[All Fields] OR "bioactive"[All Fields] OR "bioactives"[All Fields] OR "bioactivities"[All Fields] OR "bioactivity"[All Fields] OR (("titanium"[MeSH Terms] OR "titanium"[All Fields] OR "titaniums"[All Fields]) AND ("nitridated"[All Fields] OR "nitridation"[All Fields] OR "nitride"[All Fields] OR "nitrided"[All Fields] OR "nitrides"[All Fields] OR "nitriding"[All Fields] OR "nitridized"[All Fields]) AND ("oxidability"[All Fields] OR "oxidable"[All Fields] OR "oxidant s"[All Fields] OR "oxidants"[Pharmacological Action] OR "oxidants"[MeSH Terms] OR "oxidants"[All Fields] OR "oxidant"[All Fields] OR "oxidate"[All Fields] OR "oxidated"[All Fields] OR "oxidates"[All Fields] OR "oxidating"[All Fields] OR "oxidation"[All Fields] OR "oxidations"[All Fields] OR "oxidative"[All Fields] OR "oxidatively"[All Fields] OR "oxidatives"[All Fields] OR "oxide s"[All Fields] OR "oxides"[MeSH Terms] OR "oxides"[All Fields] OR "oxide"[All Fields] OR "oxidic"[All Fields] OR "oxiding"[All Fields] OR "oxidisability"[All Fields] OR "oxidisable"[All Fields] OR "oxidisation"[All Fields] OR "oxidise"[All Fields] OR "oxidised"[All Fields] OR "oxidiser"[All Fields] OR "oxidisers"[All Fields] OR "oxidises"[All Fields] OR "oxidising"[All Fields] OR "oxidization"[All Fields] OR "oxidize"[All Fields] OR "oxidized"[All Fields] OR "oxidizer"[All Fields] OR "oxidizers"[All Fields] OR "oxidizes"[All Fields] OR "oxidizing"[All Fields])) OR "TiNO"[All Fields] OR "TNO"[All Fields] OR "BAS"[All Fields]) AND ("stent s"[All Fields] OR "stentings"[All Fields] OR "stents"[MeSH Terms] OR "stents"[All Fields] OR "stent"[All Fields] OR "stented"[All Fields] OR "stenting"[All Fields]) AND ("DES"[All Fields] OR ("drug"[All Fields] AND ("elutable"[All Fields] OR "elutant"[All Fields] OR "elute"[All Fields] OR "eluted"[All Fields] OR "elutent"[All Fields] OR "eluter"[All Fields] OR "eluters"[All Fields] OR "elutes"[All Fields] OR "eluting"[All Fields] OR "elution"[All Fields] OR "elutions"[All Fields]) AND ("stent s"[All Fields] OR "stentings"[All Fields] OR "stents"[MeSH Terms] OR "stents"[All Fields] OR "stent"[All Fields] OR "stented"[All Fields] OR "stenting"[All Fields]))) **Translations** **bioactive:** "bioactivate"[All Fields] OR "bioactivated"[All Fields] OR "bioactivates"[All Fields] OR "bioactivating"[All Fields] OR "bioactivation"[All Fields] OR "bioactivations"[All Fields] OR "bioactive"[All Fields] OR "bioactives"[All Fields] OR "bioactivities"[All Fields] OR "bioactivity"[All Fields] **Titanium:** "titanium"[MeSH Terms] OR "titanium"[All Fields] OR "titanium's"[All Fields] OR "titaniums"[All Fields] **nitride:** "nitridated"[All Fields] OR "nitridation"[All Fields] OR "nitride"[All Fields] OR "nitrided"[All Fields] OR "nitrides"[All Fields] OR "nitriding"[All Fields] OR "nitridized"[All Fields] **oxide:** "oxidability"[All Fields] OR "oxidable"[All Fields] OR "oxidant's"[All Fields] OR "oxidants"[Pharmacological Action] OR "oxidants"[MeSH Terms] OR "oxidants"[All Fields] OR "oxidant"[All Fields] OR "oxidate"[All Fields] OR "oxidated"[All Fields] OR "oxidates"[All Fields] OR "oxidating"[All Fields] OR "oxidation"[All

	Fields] OR "oxidations"[All Fields] OR "oxidative"[All Fields] OR "oxidatively"[All Fields] OR "oxidatives"[All Fields] OR "oxide's"[All Fields] OR "oxides"[MeSH Terms] OR "oxides"[All Fields] OR "oxide"[All Fields] OR "oxidic"[All Fields] OR "oxiding"[All Fields] OR "oxidisability"[All Fields] OR "oxidisable"[All Fields] OR "oxidisation"[All Fields] OR "oxidise"[All Fields] OR "oxidised"[All Fields] OR "oxidiser"[All Fields] OR "oxidisers"[All Fields] OR "oxidises"[All Fields] OR "oxidising"[All Fields] OR "oxidization"[All Fields] OR "oxidize"[All Fields] OR "oxidized"[All Fields] OR "oxidizer"[All Fields] OR "oxidizers"[All Fields] OR "oxidizes"[All Fields] OR "oxidizing"[All Fields] **stent:** "stent's"[All Fields] OR "stentings"[All Fields] OR "stents"[MeSH Terms] OR "stents"[All Fields] OR "stent"[All Fields] OR "stented"[All Fields] OR "stenting"[All Fields] **eluting:** "elutable"[All Fields] OR "elutant"[All Fields] OR "elute"[All Fields] OR "eluted"[All Fields] OR "elutent"[All Fields] OR "eluter"[All Fields] OR "eluters"[All Fields] OR "elutes"[All Fields] OR "eluting"[All Fields] OR "elution"[All Fields] OR "elutions"[All Fields] **stent:** "stent's"[All Fields] OR "stentings"[All Fields] OR "stents"[MeSH Terms] OR "stents"[All Fields] OR "stent"[All Fields] OR "stented"[All Fields] OR "stenting"[All Fields]
Cochrane Library (10 results)	((bioactive OR (Titanium AND nitride AND oxide) OR TiNO OR TNO OR BAS) AND stent) AND (DES OR (drug AND eluting AND stent))
SCOPUS (156 results)	((bioactive OR (Titanium AND nitride AND oxide) OR TiNO OR TNO OR BAS) AND stent) AND (DES OR (drug AND eluting AND stent))

Supplementary Table 2 Baseline Analysis of Categorical Variables

Categorical Variables	TiNOS (Events/Total)	DES (Events/Total)	Risk Ratio [95% Confidence Interval]	Q	Chi-P	I^2
Male Gender	1348/1772	970/1273	1.00 [0.96, 1.04]	0.67	P = 0.88	0%
Female Gender	424/1772	303/1273	1.00 [0.88, 1.14]	0.66	P = 0.88	0%
Diabetes Mellitus	283/1772	199/1273	1.08 [0.87, 1.33]	4.37	P = 0.22	31%
Hypertension	891/1772	650/1273	1.01 [0.91, 1.11]	5.87	P = 0.12	49%
Smoking	619/1772	454/1273	1.04 [0.89, 1.21]	6.88	P = 0.08	56%

Family History for IHD/CAD	843/1772	574/1273	1.03 [0.95, 1.11]	0.39	P = 0.94	0%
Prior MI	206/1772	137/1273	1.22 [0.92, 1.61]	5.69	P = 0.13	47%
Prior PCI	170/1772	124/1273	1.09 [0.83, 1.43]	4.33	P = 0.23	31%
Prior CABG	54/1772	40/1273	1.20 [0.70, 2.06]	4.81	P = 0.19	38%
N-STEMI	845/1772	590/1273	1.04 [0.94, 1.15]	4.96	P = 0.18	39%
Direct Stenting	461/1772	369/1273	0.95 [0.78, 1.15]	7.70	P = 0.05	61%

Supplementary Table 3 Baseline Analysis of Continuous Variables

Continuous Variables	TiNOS (mean ± SE)	DES (mean ± SE)	Mean Difference [95% Confidence Interval]	Q	Chi-P	I^2
Age (years)	63.298 ± 0.259	63.044 ± 0.307	0.42 [-0.57, 1.42]	4.23	P = 0.24	29%
Reference Vessel Diameter (mm)	3.153 ± 0.011	3.143 ± 0.013	-0.01 [-0.05, 0.02]	0.11	P = 0.99	0%
Lesion Length (mm)	14.469 ± 0.146	14.343 ± 0.179	0.08 [-0.37, 0.53]	1.76	P = 0.62	0%
Total Stent Length per Lesion (mm)	20.117 ± 0.191	20.263 ± 0.216	-0.16 [-0.73, 0.41]	1.05	P = 0.79	0%
Stent Diameter (mm)	3.144 ± 0.014	3.147 ± 0.013	0.02 [-0.02, 0.06]	1.01	P = 0.80	0%
Stent per (Culprit) Lesion	1.135 ± 0.009	1.137 ± 0.011	0.01 [-0.03, 0.04]	3.90	P = 0.27	23%

Supplementary Table 4 Meta Regression on ID TLR

Outcome	Baseline Characteristics	Coefficient	2-sided p-value
ID TLR	Male Gender %	0.0420	0.5959
	Female Gender %	-0.0421	0.5958
	Diabetes Mellitus %	-0.0100	0.8595
	Hypertension %	0.0064	0.6628
	Smoking %	-0.0043	0.8333
	Family History IHD/CAD %	-0.0070	0.7251
	Prior MI %	0.0089	0.7115
	Prior PCI %	0.0090	0.6579
	Prior CABG %	-0.0208	0.7149
	Age (years)	0.0649	0.6924
	Reference Vessel Diameter (mm)	-0.4724	0.7063
	Lesion Length (mm)	-0.0028	0.9903
	Stent per (Culprit) Lesion	1.678	0.6632
	N-STEMI %	-0.0119	0.5913
	Direct Stenting %	0.0035	0.7873
	Total stent length per lesion (mm)	-0.0584	0.747
	Stent diameter (mm)	-0.6676	0.759

Supplementary Table 5 Meta Regression on Cardiac Death

Outcome	Baseline Characteristics	Coefficient	2-sided p-value
Cardiac Death	Male Gender %	0.2663	0.0971
	Female Gender %	-0.2663	0.0972
	Diabetes Mellitus %	0.1389	0.2085
	Hypertension %	0.0436	0.1429
	Smoking %	-0.0381	0.3672
	Family History IHD/CAD %	-0.0717	0.0746
	Prior MI %	0.0799	0.0999
	Prior PCI %	0.0725	0.0794
	Prior CABG %	0.1128	0.3020
	Age (years)	0.3084	0.3725
	Reference Vessel Diameter (mm)	-4.3593	0.0863
	Lesion Length (mm)	-0.3119	0.5150
	Stent per (Culprit) Lesion	13.7855	0.0738
	Direct Stenting %	0.0502	0.0514
	N-STEMI %	-0.0549	0.2277
	Total stent length per lesion (mm)	0.0970	0.7981
	Stent diameter (mm)	-7.2897	0.0972

Supplementary Table 6 Meta Regression on MACE

Outcome	Baseline Characteristics	Coefficient	2-sided p-value
MACE	Male Gender %	0.1032	0.1262
	Female Gender %	-0.1032	0.1261
	Diabetes Mellitus %	-0.0305	0.5000
	Hypertension %	0.0094	0.4520
	Smoking %	-0.0288	0.0778
	Family History IHD/CAD %	-0.0158	0.3474
	Prior MI %	0.0160	0.4312
	Prior PCI %	0.0216	0.2116
	Prior CABG %	-0.0480	0.2839
	Age (years)	0.0167	0.9018
	Reference Vessel Diameter (mm)	-0.9689	0.3613
	Lesion Length (mm)	0.1395	0.4471
	Stent per (Culprit) Lesion	5.6342	0.0818
	Direct Stenting %	0.0181	0.0943
	N-STEMI %	-0.0369	0.0416
	Total stent length per lesion (mm)	0.1151	0.4224
	Stent diameter (mm)	-1.1409	0.5326

Supplementary Table 7 Meta Regression on Cardiac Death or MI

Outcome	Baseline Characteristics	Coefficient	2-sided p-value
Cardiac Death or MI	Male Gender %	0.1194	0.2058
	Female Gender %	-0.1194	0.2057
	Diabetes Mellitus %	-0.0343	0.5544
	Hypertension %	0.0082	0.6365
	Smoking %	-0.0328	0.1074
	Family History IHD/CAD %	-0.0174	0.4576
	Prior MI %	0.0158	0.5752
	Prior PCI %	0.0248	0.3071
	Prior CABG %	-0.0483	0.3919
	Age (years)	-0.0316	0.8621
	Reference Vessel Diameter (mm)	-1.0277	0.4870
	Lesion Length (mm)	0.1865	0.4259
	Stent per (Culprit) Lesion	6.7834	0.1239
	Direct Stenting %	0.0226	0.1191
	N-STEMI %	-0.0409	0.0835
	Total stent length per lesion (mm)	0.1838	0.3090
	Stent diameter (mm)	-1.0734	0.6701

Supplementary Table 8 Meta Regression for All Cause Death

Outcome	Baseline Characteristics	Coefficient	2-sided p-value
All Cause Death	Male Gender %	0.1581	0.1364
	Female Gender %	-0.1581	0.1365
	Diabetes Mellitus %	0.0801	0.2129
	Hypertension %	0.0303	0.1200
	Smoking %	-0.0053	0.8115
	Family History IHD/CAD %	-0.0443	0.0920
	Prior MI %	0.0518	0.1014
	Prior PCI %	0.0443	0.1042
	Prior CABG %	0.0642	0.3023
	Age (years)	0.2507	0.2162
	Reference Vessel Diameter (mm)	-2.7638	0.0966
	Lesion Length (mm)	-0.2551	0.3244
	Stent per (Culprit) Lesion	6.6826	0.1752
	Direct Stenting %	0.0215	0.1820
	N-STEMI %	-0.0191	0.4653
	Total stent length per lesion (mm)	-0.0727	0.7143
	Stent diameter (mm)	-4.6440	0.1006

Supplementary Table 9 Quality Assessment of Evidence using GRADEpro

Certainty assessment							Summary of findings				
Participants (studies) Follow-up	Risk of bias	Inconsistency	Indirectness	Imprecision	Publication bias	Overall certainty of evidence	Study event rates (%)		Relative effect (95% CI)	Anticipated absolute effects	
							With DES	With TINOS		Risk with DES	Risk difference with TINOS
Ischemia Driven Total Lesion Revascularization (follow-up: 5 years)											
3045 (4 RCTs)	not serious	not serious	not serious	serious[a]	none	⨁⨁⨁◯ Moderate	111/1273 (8.7%)	154/1772 (8.7%)	**RR 1.06** (0.84 to 1.35)	87 per 1,000	**5 more per 1,000** (from 14 fewer to 31 more)
Cardiac Death (follow-up: 5 years)											
3045 (4 RCTs)	not serious	not serious	not serious	serious[a]	none	⨁⨁⨁◯ Moderate	44/1273 (3.5%)	29/1772 (1.6%)	**RR 0.54** (0.28 to 1.03)	35 per 1,000	**16 fewer per 1,000** (from 25 fewer to 1 more)
Cardiac Death or Myocardial Infarction (follow-up: 5 years)											
3045 (4 RCTs)	not serious	not serious	not serious	not serious	none	⨁⨁⨁⨁ High	146/1273 (11.5%)	112/1772 (6.3%)	**RR 0.59** (0.47 to 0.75)	115 per 1,000	**47 fewer per 1,000** (from 61 fewer to 29 fewer)
Major Adverse Cardiac Event (follow-up: 5 years)											
3045 (4 RCTs)	not serious	not serious	not serious	serious[a]	none	⨁⨁⨁◯ Moderate	210/1273 (16.5%)	236/1772 (13.3%)	**RR 0.86** (0.70 to 1.06)	165 per 1,000	**23 fewer per 1,000** (from 49 fewer to 10 more)
Myocardial Infarction (follow-up: 5 years)											
2218 (3 RCTs)	not serious	not serious	not serious	not serious	none	⨁⨁⨁⨁ High	84/863 (9.7%)	71/1355 (5.2%)	**RR 0.59** (0.43 to 0.80)	97 per 1,000	**40 fewer per 1,000** (from 55 fewer to 19 fewer)
Stent Thrombosis (follow-up: 5 years)											
2743 (3 RCTs)	not serious	not serious	not serious	not serious	none	⨁⨁⨁⨁ High	43/1123 (3.8%)	18/1620 (1.1%)	**RR 0.31** (0.17 to 0.58)	38 per 1,000	**26 fewer per 1,000** (from 32 fewer to 16 fewer)
All cause death (follow-up: 5 years)											
3045 (4 RCTs)	not serious	not serious	not serious	serious[a]	none	⨁⨁⨁◯ Moderate	92/1273 (7.2%)	108/1772 (6.1%)	**RR 0.90** (0.68 to 1.19)	72 per 1,000	**7 fewer per 1,000** (from 23 fewer to 14 more)

CI: confidence interval; **RR:** risk ratio

Explanations

a. Confidence Intervals are too wide and individual results are in the opposite directions