

**Supplemental Table 1. Medication use during the 3-year follow-up period**

|                    | CABG (n=956)           |                     |             | PCI (n=948)            |                     |             | CABG vs. PCI           |                     |
|--------------------|------------------------|---------------------|-------------|------------------------|---------------------|-------------|------------------------|---------------------|
|                    | No diabetes<br>(n=688) | Diabetes<br>(n=268) | p-<br>Value | No diabetes<br>(n=662) | Diabetes<br>(n=286) | p-<br>Value | p-Value<br>No Diabetes | p-Value<br>Diabetes |
| Aspirin            |                        |                     |             |                        |                     |             |                        |                     |
| Discharge          | 98.9 (651/658)         | 98.8 (245/248)      | 0.90        | 98.9 (641/648)         | 99.3 (278/280)      | 0.57        | >0.99                  | 0.55                |
| 6 months           | 97.7 (644/659)         | 96.8 (243/251)      | 0.44        | 97.7 (631/646)         | 97.8 (268/274)      | 0.93        | >0.99                  | 0.48                |
| 12 months          | 96.3 (629/653)         | 96.4 (239/248)      | 0.94        | 95.8 (614/641)         | 98.9 (264/267)      | 0.02        | 0.65                   | 0.06                |
| 24 months          | 95.3 (591/620)         | 96.2 (229/238)      | 0.57        | 94.4 (586/621)         | 99.2 (243/245)      | 0.002       | 0.47                   | 0.03                |
| 36 months          | 95.5 (569/596)         | 95.3 (224/235)      | 0.90        | 92.7 (559/603)         | 98.7 (230/233)      | <0.001      | 0.039                  | 0.03                |
| P2Y12<br>inhibitor |                        |                     |             |                        |                     |             |                        |                     |
| Discharge          | 33.7 (223/661)         | 30.4 (76/250)       | 0.34        | 98.3 (639/650)         | 97.2 (273/281)      | 0.28        | <0.001                 | <0.001              |
| 6 months           | 27.8 (184/662)         | 28.3 (72/254)       | 0.88        | 97.4 (631/648)         | 97.1 (267/275)      | 0.79        | <0.001                 | <0.001              |
| 12 months          | 25.2 (165/656)         | 26.0 (65/250)       | 0.80        | 83.8 (539/643)         | 84.3 (226/268)      | 0.85        | <0.001                 | <0.001              |
| 24 months          | 21.8 (136/623)         | 24.6 (59/240)       | 0.38        | 69.2 (431/623)         | 72.0 (177/246)      | 0.42        | <0.001                 | <0.001              |
| 36 months          | 21.0 (126/599)         | 24.9 (59/237)       | 0.22        | 65.8 (398/605)         | 69.2 (162/234)      | 0.35        | <0.001                 | <0.001              |
| DAPT               |                        |                     |             |                        |                     |             |                        |                     |
| Discharge          | 33.4 (221/661)         | 28.8 (72/250)       | 0.18        | 97.4 (633/650)         | 96.1 (270/281)      | 0.28        | <0.001                 | <0.001              |
| 6 months           | 26.7 (177/662)         | 27.2 (69/254)       | 0.88        | 95.4 (618/648)         | 94.5 (260/275)      | 0.56        | <0.001                 | <0.001              |
| 12 months          | 23.5 (154/656)         | 25.2 (63/250)       | 0.59        | 80.6 (518/643)         | 82.8 (222/268)      | 0.44        | <0.001                 | <0.001              |
| 24 months          | 19.6 (122/623)         | 23.3 (56/240)       | 0.23        | 64.5 (402/623)         | 70.7 (174/246)      | 0.08        | <0.001                 | <0.001              |
| 36 months          | 18.7 (112/599)         | 23.6 (56/237)       | 0.11        | 60.5 (366/605)         | 67.5 (158/234)      | 0.06        | <0.001                 | <0.001              |
| Statin             |                        |                     |             |                        |                     |             |                        |                     |
| Discharge          | 92.6 (612/661)         | 92.0 (230/250)      | 0.76        | 96.0 (624/650)         | 97.5 (274/281)      | 0.25        | 0.008                  | 0.04                |
| 6 months           | 95.0 (626/659)         | 93.7 (237/253)      | 0.44        | 96.6 (624/646)         | 97.5 (268/275)      | 0.47        | 0.15                   | 0.03                |
| 12 months          | 96.3 (626/650)         | 94.0 (233/248)      | 0.13        | 96.7 (621/642)         | 97.4 (261/268)      | 0.58        | 0.70                   | 0.055               |
| 24 months          | 96.8 (602/622)         | 93.7 (24/239)       | 0.04        | 96.9 (603/622)         | 97.2 (239/246)      | 0.82        | 0.92                   | 0.06                |
| 36 months          | 97.0 (580/598)         | 93.2 (220/236)      | 0.01        | 96.7 (585/605)         | 97.4 (228/234)      | 0.60        | 0.76                   | 0.03                |
| Beta-blocker       |                        |                     |             |                        |                     |             |                        |                     |
| Discharge          | 92.7 (613/661)         | 92.0 (230/250)      | 0.72        | 83.1 (540/650)         | 83.6 (235/281)      | 0.85        | <0.001                 | 0.003               |
| 6 months           | 94.4 (624/661)         | 92.9 (234/252)      | 0.39        | 84.5 (546/646)         | 86.1 (236/274)      | 0.54        | <0.001                 | 0.01                |
| 12 months          | 94.5 (620/656)         | 93.5 (232/248)      | 0.56        | 85.2 (546/641)         | 86.5 (231/267)      | 0.61        | <0.001                 | 0.008               |
| 24 months          | 95.3 (593/622)         | 93.3 (223/239)      | 0.24        | 85.0 (528/621)         | 86.2 (212/246)      | 0.65        | <0.001                 | 0.01                |
| 36 months          | 94.5 (566/599)         | 92.8 (219/236)      | 0.35        | 85.6 (516/603)         | 87.6 (205/234)      | 0.45        | <0.001                 | 0.06                |

ACEI or ARB

|           |                |                |       |                |                |      |        |      |
|-----------|----------------|----------------|-------|----------------|----------------|------|--------|------|
| Discharge | 40.7 (269/661) | 46.0 (115/250) | 0.15  | 57.5 (374/650) | 54.8 (154/281) | 0.45 | <0.001 | 0.04 |
| 6 months  | 47.9 (311/649) | 56.2 (141/251) | 0.03  | 61.3 (396/646) | 58.8 (160/272) | 0.48 | <0.001 | 0.55 |
| 12 months | 52.0 (333/641) | 60.8 (149/245) | 0.02  | 62.7 (400/638) | 61.9 (164/265) | 0.82 | <0.001 | 0.80 |
| 24 months | 53.9 (332/616) | 61.3 (146/238) | 0.051 | 64.7 (400/618) | 63.9 (156/244) | 0.83 | <0.001 | 0.55 |
| 36 months | 54.6 (325/595) | 64.4 (150/233) | 0.01  | 64.4 (389/604) | 65.8 (152/231) | 0.70 | <0.001 | 0.75 |

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Values are presented as % (n/N). ACEI = angiotensin-converting enzyme inhibitors; ARB = angiotensin II receptor blockers; CABG = coronary artery bypass grafting; DAPT = dual antiplatelet therapy; PCI = percutaneous coronary intervention.

**Supplemental Table 2. Incidence and 30-day outcomes of acute renal failure**

|                                     | All (n=1904)              |                       |            | No Diabetes (n=1350) |                  |         | Diabetes (n=554)  |                  |         |              |
|-------------------------------------|---------------------------|-----------------------|------------|----------------------|------------------|---------|-------------------|------------------|---------|--------------|
|                                     | No diabetes<br>(n = 1350) | Diabetes<br>(n = 554) | p<br>Value | CABG<br>(n = 688)    | PCI<br>(n = 662) | p Value | CABG<br>(n = 268) | PCI<br>(n = 286) | p Value | pinteraction |
| Acute renal failure                 | 1.1 (15)                  | 2.7 (15)              | 0.01       | 1.9 (13)             | 0.3 (2)          | 0.005   | 4.1 (11)          | 1.4 (4)          | 0.050   | 0.44         |
| New requirement for dialysis        | 0.6 (8)                   | 1.6% (9)              | 0.03       | 0.9 (6)              | 0.3 (2)          | 0.29    | 3.0 (8)           | 0.4 (1)          | 0.02    | 0.41         |
| Hemodialysis                        | 0.4 (5)                   | 0.9 (5)               | 0.17       | 0.6 (4)              | 0.2 (1)          | 0.37    | 1.5 (4)           | 0.4 (1)          | 0.20    | 0.94         |
| CVVH                                | 0.3 (3)                   | 0.7 (4)               | 0.24       | 0.3 (2)              | 0.3 (2)          | 1.00    | 1.5 (4)           | 0.0 (0)          | 0.054   | 0.95         |
| Outcomes in ARF patients            |                           |                       |            |                      |                  |         |                   |                  |         |              |
| Death, stroke, or MI                | 20.0 (3)                  | 33.0 (5)              | 0.47       | 15.4 (2)             | 50.0 (1)         | 0.15    | 45.5 (5)          | 0.0 (0)          | 0.13    | 1.00         |
| Death, stroke, MI, or IDR           | 20.0 (3)                  | 33.3 (5)              | 0.46       | 15.4 (2)             | 50.0 (1)         | 0.15    | 45.5 (5)          | 0.0 (0)          | 0.13    | 1.00         |
| Death                               | 6.7 (1)                   | 6.7 (1)               | 0.98       | 7.7 (1)              | 0.0 (0)          | 0.69    | 9.1 (1)           | 0.0 (0)          | 0.55    | 1.00         |
| Stroke                              | 0.0 (0)                   | 13.9 (2)              | 0.16       | 0.0 (0)              | 0.0 (0)          | —       | 19.2 (2)          | 0.0 (0)          | 0.37    | 1.00         |
| MI                                  | 20.0 (3)                  | 13.3 (2)              | 0.62       | 15.4 (2)             | 50.0 (1)         | 0.15    | 18.2 (2)          | 0.0 (0)          | 0.38    | 1.00         |
| All repeat revascularizations       | 7.1 (1)                   | 13.3 (2)              | 0.56       | 8.3 (1)              | 0.0 (0)          | 0.68    | 18.2 (2)          | 0.0 (0)          | 0.38    | 1.00         |
| IDR                                 | 7.1 (1)                   | 13.3 (2)              | 0.56       | 8.3 (1)              | 0.0 (0)          | 0.68    | 18.2 (2)          | 0.0 (0)          | 0.38    | 1.00         |
| PCI                                 | 7.1 (1)                   | 13.3 (2)              | 0.56       | 8.3 (1)              | 0.0 (0)          | 0.68    | 18.2 (2)          | 0.0 (0)          | 0.38    | 1.00         |
| CABG                                | 0.0 (0)                   | 0.0 (0)               | —          | 0.0 (0)              | 0.0 (0)          | —       | 0.0 (0)           | 0.0 (0)          | —       | —            |
| Graft occlusion or stent thrombosis | 7.1 (1)                   | 6.7 (1)               | 1.00       | 8.3 (1)              | 0.0 (0)          | 0.68    | 9.1 (1)           | 0.0 (0)          | 0.55    | 1.00         |

Values are Kaplan-Meier time-to-first event estimates expressed as % (n). ARF = acute renal failure; CABG = coronary artery bypass grafting; CVVH = continuous veno-venous hemofiltration; IDR = ischemia-driven revascularization; MI = myocardial infarction; PCI = percutaneous coronary intervention.

**Supplemental Table 3. Three-year clinical outcomes in diabetic patients according to insulin treatment and revascularization assignment**

|                                     | All Diabetes (n = 554)  |                      |            | No Insulin (n = 407) |                  |         | Insulin (n = 147) |                 |         |              |
|-------------------------------------|-------------------------|----------------------|------------|----------------------|------------------|---------|-------------------|-----------------|---------|--------------|
|                                     | No insulin<br>(n = 407) | Insulin<br>(n = 147) | p<br>Value | CABG<br>(n = 194)    | PCI<br>(n = 213) | p Value | CABG<br>(n = 74)  | PCI<br>(n = 73) | p Value | Pinteraction |
| Death, stroke, or MI                | 18.4 (74)               | 24.5 (35)            | 0.10       | 18.3 (35)            | 18.5 (39)        | 0.92    | 22.2 (16)         | 26.9 (19)       | 0.61    | 0.63         |
| Death, stroke, MI, or IDR           | 23.7 (95)               | 32.8 (47)            | 0.03       | 20.9 (40)            | 26.2 (55)        | 0.31    | 27.8 (20)         | 38.2 (27)       | 0.29    | 0.77         |
| Death                               | 11.0 (44)               | 10.6 (15)            | 0.92       | 7.8 (15)             | 13.8 (29)        | 0.07    | 8.4 (6)           | 13.0 (9)        | 0.42    | 0.82         |
| Cardiovascular                      | 5.6 (22)                | 7.9 (11)             | 0.34       | 5.3 (10)             | 5.9 (12)         | 0.82    | 5.7 (4)           | 10.2 (7)        | 0.35    | 0.52         |
| Stroke                              | 3.4 (13)                | 4.4 (6)              | 0.59       | 4.8 (9)              | 2.0 (4)          | 0.12    | 5.7 (4)           | 3.2 (2)         | 0.43    | 0.83         |
| MI                                  | 8.6 (34)                | 15.8 (22)            | 0.02       | 9.1 (17)             | 8.3 (17)         | 0.73    | 15.4 (11)         | 16.4 (11)       | 0.95    | 0.81         |
| Periprocedural                      | 4.0 (16)                | 6.9 (10)             | 0.15       | 5.2 (10)             | 2.8 (6)          | 0.23    | 8.3 (6)           | 5.5 (4)         | 0.56    | 0.77         |
| Spontaneous                         | 4.7 (18)                | 11.1 (15)            | 0.009      | 3.9 (7)              | 5.5 (11)         | 0.46    | 10.1 (7)          | 12.3 (8)        | 0.78    | 0.77         |
| All repeat revascularizations       | 11.2 (43)               | 18.5 (25)            | 0.03       | 7.6 (14)             | 14.4 (29)        | 0.04    | 13.1 (9)          | 24.3 (16)       | 0.14    | 0.92         |
| IDR                                 | 10.9 (42)               | 18.5 (25)            | 0.02       | 7.1 (13)             | 14.4 (29)        | 0.02    | 13.1 (9)          | 24.3 (16)       | 0.14    | 0.81         |
| PCI                                 | 9.9 (38)                | 14.8 (20)            | 0.11       | 7.1 (13)             | 12.3 (25)        | 0.09    | 11.6 (8)          | 18.3 (12)       | 0.37    | 0.77         |
| CABG                                | 1.6 (6)                 | 3.8 (5)              | 0.13       | 0                    | 3.1 (6)          | 0.02    | 1.5 (1)           | 6.1 (4)         | 0.17    | 0.99         |
| Graft occlusion or stent thrombosis | 2.8 (11)                | 7.3 (10)             | 0.02       | 4.9 (9)              | 1.0 (2)          | 0.02    | 11.7 (8)          | 2.9 (2)         | 0.053   | 0.85         |

Values are Kaplan-Meier time-to-first event estimates expressed as % (n). CABG = coronary artery bypass grafting; IDR = ischemia-driven revascularization; MI = myocardial infarction; PCI = percutaneous coronary intervention.

**Supplemental Table 4. Three-Year Clinical Outcomes According to Diabetes Status, Site-Reported SYNTAX Score, and Revascularization**

|                                     | SYNTAX Score 0-22 |           |         | SYNTAX Score 23-32 |           |         |
|-------------------------------------|-------------------|-----------|---------|--------------------|-----------|---------|
|                                     | CABG              | PCI       | p Value | CABG               | PCI       | p Value |
| Diabetic cohort                     | (n=160)           | (n=156)   |         | (n=108)            | (n=129)   |         |
| Death, stroke, or MI                | 17.0 (27)         | 17.0 (26) | 0.88    | 22.8 (24)          | 25.0 (32) | 0.84    |
| Death, stroke, MI, or IDR           | 20.2 (32)         | 26.2 (40) | 0.30    | 26.6 (28)          | 32.8 (42) | 0.45    |
| Death                               | 7.0 (11)          | 8.6 (13)  | 0.64    | 9.6 (10)           | 19.6 (25) | 0.04    |
| Cardiovascular                      | 4.5 (7)           | 2.7 (4)   | 0.39    | 6.8 (7)            | 12.1 (15) | 0.19    |
| Stroke                              | 5.8 (9)           | 2.1 (3)   | 0.09    | 2.5 (3)            | 4.0 (4)   | 0.54    |
| MI                                  | 7.7 (12)          | 9.5 (14)  | 0.66    | 15.5 (16)          | 11.1 (14) | 0.34    |
| Periprocedural                      | 3.1 (5)           | 1.3 (2)   | 0.27    | 10.5 (11)          | 6.2 (8)   | 0.26    |
| Spontaneous                         | 5.3 (8)           | 8.2 (12)  | 0.34    | 6.1 (6)            | 5.8 (7)   | 0.92    |
| All repeat revascularization        | 8.5 (13)          | 17.0 (25) | 0.04    | 10.1 (10)          | 16.5 (20) | 0.17    |
| IDR                                 | 7.8 (12)          | 17.0 (25) | 0.02    | 10.1 (10)          | 16.5 (20) | 0.17    |
| PC                                  | 7.1 (11)          | 12.9 (19) | 0.12    | 10.1 (10)          | 14.8 (18) | 0.29    |
| CABG                                | 0.7 (1)           | 4.1 (6)   | 0.053   | 0                  | 3.4 (4)   | 0.07    |
| Graft occlusion or stent thrombosis | 7.2 (11)          | 2.0 (3)   | 0.03    | 5.9 (6)            | 0.8 (1)   | 0.03    |
| Non-diabetic cohort                 | (n=430)           | (n=403)   |         | (n=257)            | (n=258)   |         |
| Death, stroke, or MI                | 13.2 (55)         | 13.1 (52) | 0.90    | 12.5 (31)          | 12.5 (32) | 0.96    |
| Death, stroke, MI, or IDR           | 17.9 (74)         | 18.7 (74) | 0.85    | 16.9 (42)          | 22.7 (58) | 0.14    |
| Death                               | 5.6 (23)          | 5.3 (21)  | 0.84    | 4.1 (10)           | 5.9 (15)  | 0.36    |
| Cardiovascular                      | 3.7 (15)          | 3.1 (12)  | 0.62    | 2.1 (5)            | 3.5 (9)   | 0.31    |
| Stroke                              | 2.3 (9)           | 2.3 (9)   | 0.95    | 2.4 (6)            | 2.4 (6)   | 0.96    |
| MI                                  | 7.7 (32)          | 7.1 (28)  | 0.72    | 7.2 (18)           | 7.1 (18)  | 0.93    |
| Periprocedural                      | 6.4 (27)          | 4.0 (16)  | 0.13    | 5.5 (14)           | 3.9 (10)  | 0.40    |
| Spontaneous                         | 1.5 (6)           | 3.1 (12)  | 0.14    | 1.6 (4)            | 3.2 (8)   | 0.27    |
| All repeat revascularization        | 7.5 (30)          | 9.3 (36)  | 0.37    | 6.2 (15)           | 14.4 (36) | 0.003   |
| IDR                                 | 7.5 (30)          | 9.1 (35)  | 0.44    | 6.2 (15)           | 14.0 (35) | 0.005   |
| PCI                                 | 6.6 (26)          | 7.8 (30)  | 0.50    | 5.4 (13)           | 11.2 (28) | 0.02    |

|                                     |          |          |        |          |         |       |
|-------------------------------------|----------|----------|--------|----------|---------|-------|
| CABG                                | 0.9 (4)  | 2.9 (11) | 0.06   | 0.8 (2)  | 3.6 (9) | 0.04  |
| Graft occlusion or stent thrombosis | 4.7 (19) | 0.5 (2)  | <0.001 | 5.0 (12) | 0.4 (1) | 0.002 |

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Values are Kaplan-Meier time-to-event estimates expressed as % (n). CABG = coronary artery bypass grafting; IDR = ischemia-driven revascularization; MI = myocardial infarction; PCI = percutaneous coronary intervention.

**Supplemental Table 5. Three-Year Clinical Outcomes According to Diabetes Status, Core Lab SYNTAX Score, and Revascularization**

|                                     | <i>SYNTAX score 0-22</i> |            |                | <i>SYNTAX Score 23-32</i> |            |                | <i>SYNTAX score ≥33</i> |            |                |
|-------------------------------------|--------------------------|------------|----------------|---------------------------|------------|----------------|-------------------------|------------|----------------|
|                                     | <b>CABG</b>              | <b>PCI</b> | <b>P Value</b> | <b>CABG</b>               | <b>PCI</b> | <b>P Value</b> | <b>CABG</b>             | <b>PCI</b> | <b>p Value</b> |
| Diabetic cohort                     | (n=94)                   | (n=73)     |                | (n=99)                    | (n=135)    |                | (n=70)                  | (n=66)     |                |
| Death, stroke, or MI                | 16.2 (15)                | 14.1 (10)  | 0.69           | 24.7 (24)                 | 23.0 (31)  | 0.61           | 14.5 (10)               | 20.2 (13)  | 0.48           |
| Death, stroke, MI or IDR            | 21.6 (20)                | 19.8 (14)  | 0.72           | 26.8 (26)                 | 33.4 (45)  | 0.46           | 17.4 (12)               | 27.9 (18)  | 0.20           |
| Death                               | 8.7 (8)                  | 5.7 (4)    | 0.44           | 9.3 (9)                   | 16.4 (22)  | 0.14           | 5.8 (4)                 | 15.8 (10)  | 0.07           |
| Cardiovascular                      | 6.6 (6)                  | 1.5 (1)    | 0.11           | 4.2 (4)                   | 8.3 (11)   | 0.22           | 5.8 (4)                 | 10.0 (6)   | 0.41           |
| Stroke                              | 6.6 (6)                  | 1.4 (1)    | 0.10           | 4.3 (4)                   | 2.4 (3)    | 0.43           | 4.4 (3)                 | 3.4 (2)    | 0.71           |
| MI                                  | 5.6 (5)                  | 9.9 (7)    | 0.29           | 13.6 (13)                 | 10.1 (13)  | 0.33           | 11.6 (8)                | 7.9 (5)    | 0.45           |
| Periprocedural                      | 2.2 (2)                  | 4.1 (3)    | 0.45           | 7.2 (7)                   | 3.0 (4)    | 0.14           | 8.7 (6)                 | 3.0 (2)    | 0.17           |
| Spontaneous                         | 3.5 (3)                  | 5.9 (4)    | 0.48           | 7.5 (7)                   | 7.2 (9)    | 0.83           | 4.5 (3)                 | 6.5 (4)    | 0.61           |
| All repeat revascularization        | 7.9 (7)                  | 11.7 (8)   | 0.48           | 10.8 (10)                 | 21.3 (27)  | 0.06           | 7.5 (5)                 | 12.8 (8)   | 0.31           |
| IDR                                 | 7.9 (7)                  | 11.7 (8)   | 0.48           | 10.8 (10)                 | 21.3 (27)  | 0.06           | 6.1 (4)                 | 12.8 (8)   | 0.17           |
| PCI                                 | 6.7 (6)                  | 8.8 (6)    | 0.70           | 10.8 (10)                 | 18.1 (23)  | 0.18           | 6.1 (4)                 | 11.2 (7)   | 0.27           |
| CABG                                | 1.2 (1)                  | 2.9 (2)    | 0.44           | 0                         | 4.8 (6)    | 0.04           | 0                       | 1.6 (1)    | 0.30           |
| Graft occlusion or stent thrombosis | 5.7 (5)                  | 1.5 (1)    | 0.16           | 7.6 (7)                   | 1.6 (2)    | 0.03           | 7.4 (5)                 | 0          | 0.03           |
| Nondiabetic cohort                  | (n=270)                  | (n=221)    |                | (n=246)                   | (n=256)    |                | (n=146)                 | (n=163)    |                |
| Death, stroke, or MI                | 12.3 (32)                | 9.2 (20)   | 0.21           | 13.4 (32)                 | 14.7 (37)  | 0.69           | 14.0 (20)               | 14.8 (24)  | 0.89           |
| Death, stroke, MI, or IDR           | 18.6 (48)                | 15.1 (33)  | 0.23           | 18.9 (45)                 | 22.7 (57)  | 0.32           | 14.0 (20)               | 24.0 (39)  | 0.04           |
| Death                               | 4.7 (12)                 | 3.7 (8)    | 0.55           | 5.1 (12)                  | 6.8 (17)   | 0.44           | 5.7 (8)                 | 6.2 (10)   | 0.84           |
| Cardiovascular                      | 2.4 (6)                  | 1.8 (4)    | 0.69           | 3.4 (8)                   | 4.0 (10)   | 0.73           | 3.6 (5)                 | 4.4 (7)    | 0.72           |
| Stroke                              | 2.0 (5)                  | 1.4 (3)    | 0.61           | 2.6 (6)                   | 2.4 (6)    | 0.91           | 1.4 (2)                 | 3.8 (6)    | 0.21           |
| MI                                  | 6.9 (18)                 | 5.1 (11)   | 0.35           | 7.5 (18)                  | 8.4 (21)   | 0.72           | 9.2 (13)                | 7.5 (12)   | 0.58           |
| Periprocedural                      | 5.6 (15)                 | 0.9 (2)    | 0.005          | 5.8 (14)                  | 5.9 (15)   | 0.91           | 7.7 (11)                | 4.3 (7)    | 0.22           |
| Spontaneous                         | 1.2 (3)                  | 4.2 (9)    | 0.05           | 1.7 (4)                   | 2.5 (6)    | 0.59           | 2.2 (3)                 | 3.2 (5)    | 0.59           |
| All repeat revascularization        | 7.6 (19)                 | 9.7 (21)   | 0.45           | 8.7 (20)                  | 11.8 (29)  | 0.25           | 2.9 (4)                 | 14.1 (22)  | <0.001         |
| IDR                                 | 7.6 (19)                 | 9.3 (20)   | 0.56           | 8.7 (20)                  | 11.4 (28)  | 0.31           | 2.9 (4)                 | 14.1 (22)  | <0.001         |

|                                     |          |          |      |          |           |        |         |           |       |
|-------------------------------------|----------|----------|------|----------|-----------|--------|---------|-----------|-------|
| PCI                                 | 7.2 (18) | 6.5 (14) | 0.74 | 7.1 (16) | 10.2 (25) | 0.19   | 2.2 (3) | 12.2 (19) | 0.001 |
| CABG                                | 0.4 (1)  | 3.7 (8)  | 0.01 | 1.7 (4)  | 2.9 (7)   | 0.42   | 0.7 (1) | 3.2 (5)   | 0.14  |
| Graft occlusion or stent thrombosis | 4.4 (11) | 0.9 (2)  | 0.02 | 5.6 (13) | 0.4 (1)   | <0.001 | 2.9 (4) | 0         | 0.03  |

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Values are Kaplan-Meier time-to-event estimates expressed as % (n); log-rank p-value. CABG = coronary artery bypass grafting; IDR = ischemia-driven revascularization; MI = myocardial infarction; PCI = percutaneous coronary intervention.

**Supplemental Table 6. Independent Predictors of Adverse Events in the CABG Cohort**

|                                        | <b>Hazard Ratio<br/>(95% Confidence<br/>Interval)</b> | <b>p Value</b> |
|----------------------------------------|-------------------------------------------------------|----------------|
| Death, stroke, or MI                   |                                                       |                |
| Diabetes versus non-diabetes           | 1.55 (1.04-2.31)                                      | 0.03           |
| Hypertension treated with medication   | 1.67 (1.02-2.72)                                      | 0.04           |
| Death, stroke, MI, or IDR              |                                                       |                |
| Hyperlipidemia treated with medication | 0.66 (0.46-0.94)                                      | 0.02           |
| All-cause death                        |                                                       |                |
| Current smoker                         | 2.30 (1.11-4.79)                                      | 0.03           |
| Left ventricular ejection fraction (%) | 0.96 (0.94-0.99)                                      | 0.01           |
| MI                                     |                                                       |                |
| Age                                    | 0.96 (0.94-0.99)                                      | 0.009          |
| Recent MI                              | 1.84 (1.01-3.37)                                      | 0.048          |
| Hypertension treated with medication   | 2.19 (1.14-4.18)                                      | 0.02           |
| Hyperlipidemia treated with medication | 0.56 (0.33-0.93)                                      | 0.03           |
| Stroke                                 |                                                       |                |
| Diabetes versus non-diabetes           | 3.38 (1.39-8.24)                                      | 0.007          |
| IDR                                    |                                                       |                |
| Age                                    | 0.96 (0.93-0.99)                                      | 0.01           |
| Male                                   | 0.55 (0.30-0.99)                                      | 0.046          |
| Hyperlipidemia treated with medication | 0.30 (0.17-0.52)                                      | <0.001         |

CABG = coronary artery bypass grafting; IDR = ischemia-driven revascularization; MI = myocardial infarction.

**Supplemental Table 7. Independent predictors of adverse events in the PCI cohort**

|                              | <b>Hazard Ratio<br/>(95% Confidence<br/>Interval)</b> | <b>p Value</b> |
|------------------------------|-------------------------------------------------------|----------------|
| Death, stroke, or MI         |                                                       |                |
| Diabetes versus non-diabetes | 1.53 (1.04-2.26)                                      | 0.03           |
| Age                          | 1.03 (1.01-1.06)                                      | 0.008          |
| Death, stroke, MI, or IDR    |                                                       |                |
| Age                          | 1.02 (1.00-1.04)                                      | 0.03           |
| SYNTAX score                 | 1.02 (1.00-1.03)                                      | 0.048          |
| All-cause death              |                                                       |                |
| Diabetes versus non-diabetes | 2.51 (1.46-4.31)                                      | <0.001         |
| Age                          | 1.06 (1.03-1.10)                                      | <0.001         |
| MI                           |                                                       |                |
| Body mass index              | 1.06 (1.01-1.11)                                      | 0.02           |
| Stroke                       |                                                       |                |
| Male sex                     | 0.34 (0.12-0.91)                                      | 0.03           |
| Body mass index              | 0.87 (0.76-1.00)                                      | 0.04           |
| IDR                          |                                                       |                |
| None identified              | —                                                     | —              |

IDR = ischemia-driven revascularization; MI, myocardial infarction; PCI = percutaneous coronary intervention.

**Supplemental Figure 1. Three-Year Outcomes for Diabetic and Nondiabetic Patients  
According to Anatomic Lesion Complexity as Measured by the Core Laboratory-Assessed  
SYNTAX Score**

Kaplan-Meier estimates of the composite endpoint of all-cause death, stroke, or myocardial infarction (MI); the composite endpoint of all-cause death, stroke, MI, or ischemia-driven repeat revascularization (IDR); all-cause death; and IDR in diabetic patients (A-D) and non-diabetic patients (E-H). Treatment by SYNTAX score interactions in the diabetic and the non-diabetic groups: The composite endpoint of all-cause death, stroke, or MI ( $p_{\text{int}}=0.64$  and  $p_{\text{int}}=0.47$ ); the composite endpoint of all-cause death, stroke, MI, or IDR ( $p_{\text{int}}=0.48$  and  $p_{\text{int}}=0.056$ ); all-cause death ( $p_{\text{int}}=0.20$  and  $p_{\text{int}}=0.64$ ); and IDR ( $p_{\text{int}}=0.82$  and  $p_{\text{int}}=0.058$ ). P values are from log-rank test. Rates are separated according to the site-reported SYNTAX score values, indicating low (0–22), intermediate (23–32), and high ( $\geq 33$ ) anatomic lesion complexity. CABG = coronary artery bypass grafting; PCI = percutaneous coronary intervention.

Supplemental Figure 1

