| Factor          | No AF (3)         | AF (4)        |
|-----------------|-------------------|---------------|
| Female sex      | 0 (0%)            | 3 (75%)       |
| LAD Index       | 2.79 [1.96; 3.61] | 4.04 [3.75; 4.34] |
| Age             | 49.0 [24.5; 73.5] | 64.8 [64.3; 65.3] |
| Smoking         | 2 (66.7%)         | 1 (25%)       |
| Ex smoking      | 1 (33.3%)         | 0 (0%)        |
| Alcohol         | 0 (0%)            | 1 (25%)       |
| Hypertension    | 2 (66.7%)         | 2 (50%)       |
| Diabetes        | 1 (33.3%)         | 1 (25%)       |
| Dyslipemia      | 1 (33.3%)         | 1 (25%)       |
| LVEF            | 34.3 [17.4; 51.3] | 73.0 [68.8; 77.2] |
| AVR             | 2 (66.7%)         | 3 (75%)       |
| TVR             | 0 (0%)            | 0 (0%)        |
| MVR             | 1 (33%)           | 3 (75%)       |
| CABG            | 1 (33.3%)         | 1 (25%)       |
| ACE inhibitor   | 3 (100%)          | 2 (50%)       |
| B-Block         | 1 (33.3%)         | 2 (50%)       |
| ARB             | 0 (0%)            | 1 (25%)       |
| Ca-antagonist   | 0 (0%)            | 1 (25%)       |
| Dicoumarin      | 1 (33.3%)         | 4 (100%)      |
| Digoxin         | 0 (0%)            | 2 (50%)       |
| Aspirin         | 1 (33.3%)         | 0 (0%)        |
| Statins         | 1 (33.3%)         | 1 (25%)       |

*Supplementary Table 1.* Number and % of patients is given for categorical values. Mean values are given for continuous values with 95% confidence intervals in [].

Abbreviations: AF: permanent or long-standing persistent AF. LAD index: Left atrial diameter index; LVEF: Left Ventricular Ejection Fraction; AVR: Aortic Valve Replacement; TVR: Tricuspid Valve Replacement/Repair; MVR: Mitral Valve Replacement/Repair; CABG: Coronary Artery Bypass Graft; ACE inhibitor: Angiotensin Converting Enzyme Inhibitor; B-Block: Beta-adrenergic Receptor Blocker; ARB: Angiotensin Receptor Blocker.