### Table S1  Listing of all variables analyzed

| Variable | P value | t-test | Chi square Pearson | Fisher exact |
|----------|---------|--------|--------------------|--------------|
| Age > 60 years | – | 0.350 | – | 0.435 |
| Euro score II ≥ 7% | 0.863 | – | – | – |
| Bypass time | 0.290 | – | – | – |
| X clamp time | 0.149 | – | – | – |
| Gender | – | 0.051 | – | 0.059 |
| Ejection fraction ≤ 30% | – | 0.751 | – | 0.559 |
| NYHA III or IV | – | 0.233 | – | 0.437 |
| BMI (kg/m²) ≥ 30 | – | 0.376 | – | 0.679 |
| Valve size 19 | – | 0.445 | – | 0.731 |
| Valve size 21 | – | 0.375 | – | 0.879 |
| Valve size 23 | – | 0.268 | – | 0.328 |
| Valve size 25 | – | 0.102 | – | 0.160 |
| Valve size 27 | – | 0.011 | – | 0.041 |
| Sinus rhythm | – | 0.402 | – | 0.395 |
| Sinus bradycardia | – | 0.283 | – | 0.591 |
| AV block I or II | – | 0.153 | – | 0.155 |
| Complete/incomplete RBBB | – | 0.031 | – | 0.045 |
| Complete/incomplete LBBB | – | 0.746 | – | 0.906 |
| Pulmonary hypertension | – | 0.343 | – | 0.682 |
| Arterial hypertension | – | 0.958 | – | 0.662 |
| Myocardial infarction | – | 0.489 | – | 0.444 |

NYHA, New York Heart Association; BMI, body mass index; AV, atrioventricular; RBBB, right bundle branch block; LBBB, left bundle branch block.