Table S5. In hospital mortality by study variables of patients suffering infective endocarditis admitted to Spanish hospitals from 2001 to 2015 according to Type 2 Diabetes Mellitus status.

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| --- | --- | --- | --- | --- | --- |
| VARIABLE | CATHEGORIES | T2DM | P value | Non T2DM | P value |
| Sex, n (%)  | Male | 414(18.9) | <0.001 | 405(18.6) | 0.018 |
| Female | 300(24.2) | 277(22.0) |
| Age groups, n (%)  | 40-66 years old | 150(14.6) | <0.001 | 154(14.4) | <0.001 |
| 67-75 years old | 228(19.8) | 194(19.1) |
| ≥76 years old | 336(26.8) | 334(24.7) |
| Prosthetic valve carriers, n (%) | Yes  | 57(17.1) | 0.083 | 56(18.3) | 0.477 |
| No | 657(21.17) | 626(20.00) |
| Previous mitral valve disease, n (%) | Yes  | 190(20.8) | 0.963 | 180(19.8) | 0.983 |
| No | 524(20.76) | 502(19.86) |
| Previous aortic valve disease, n (%) | Yes  | 184(21.2) | 0.741 | 161(19.0) | 0.492 |
| No | 530(20.65) | 521(20.12) |
| Congestive heart failure, n (%)  | Yes  | 274(28.2) | <0.001 | 284(30.4) | <0.001 |
| No | 440(17.86) | 398(15.91) |
| Septic arterial embolism, n (%) | Yes  | 9(23.1) | 0.722 | 10(21.7) | 0.746 |
| No | 705(20.75) | 672(19.82) |
| Dementia, n (%) | Yes  | 18(29.5) | 0.090 | 16(28.6) | 0.099 |
| No | 696(20.62) | 666(19.7) |
| Acute renal disease, n (%)  | Yes  | 241(39.1) | <0.001 | 224(37.5) | <0.001 |
| No | 473(16.78) | 458(16.14) |
| Chronic renal disease, n (%)  | Yes  | 161(27.2) | <0.001 | 135(25.2) | 0.001 |
| No | 553(19.44) | 547(18.86) |
| Ischemic heart disease, n (%)  | Yes  | 167(26.6) | <0.001 | 143(23.4) | 0.015 |
| No | 547(19.47) | 539(19.08) |
| COPD, n (%) | Yes  | 129(21.4) | 0.666 | 138(21.5) | 0.255 |
| No | 585(20.64) | 544(19.48) |
| Atrial fibrillation, n (%)  | Yes  | 176(20.4) | 0.747 | 201(23.2) | 0.004 |
| No | 538(20.91) | 481(18.72) |
| Shock, n (%)  | Yes  | 169(70.7) | <0.001 | 157(71.0) | <0.001 |
| No | 545(17.05) | 525(16.33) |
| Periannular complications / atrioventricular block, n (%) | Yes  | 31(24.0) | 0.354 | 38(23.0) | 0.294 |
| No | 683(20.65) | 644(19.69) |
| Heart valve surgery, n (%)  | Yes  | 108(22.6) | 0.304 | 149(25.0) | <0.001 |
| No | 606(20.49) | 533(18.76) |
| Dialysis, n (%)  | Yes  | 115(46.4) | <0.001 | 94(46.3) | <0.001 |
| No | 599(18.79) | 588(18.19) |
| Pacemaker implantation, n (%)  | Yes  | 16(18.0) | 0.509 | 11(12.8) | 0.097 |
| No | 698(20.85) | 671(20.03) |
| Mechanical ventilation, n (%)  | Yes  | 204(49.8) | <0.001 | 213(51.7) | <0.001 |
| No | 510(16.85) | 469(15.51) |
| Coagulase-negative staphylococci, n (%) | Yes  | 88(20.0) | 0.647 | 79(19.8) | 0.979 |
| No | 626(20.9) | 603(19.86) |
| Staphylococcus aureus, n (%)  | Yes  | 142(28.2) | <0.001 | 125(27.7) | <0.001 |
| No | 572(19.51) | 557(18.67) |
| Streptococci, n (%)  | Yes  | 81(12.5) | <0.001 | 76(10.2) | <0.001 |
| No | 633(22.71) | 606(22.55) |
| Enterococci, n (%)  | Yes  | 96(17.2) | 0.024 | 72(14.8) | 0.002 |
| No | 618(21.47) | 610(20.69) |
| Streptococcus pneumoniae, n (%) | Yes  | 1(6.7) | 0.177 | 2(15.4) | 0.686 |
| No | 713(20.84) | 680(19.87) |
| Anaerobes, n (%) | Yes  | 2(9.5) | 0.202 | 3(15.8) | 0.656 |
| No | 712(20.85) | 679(19.87) |
| Gram-negative bacilli, n (%) | Yes  | 50(18.9) | 0.443 | 51(19.6) | 0.922 |
| No | 664(20.93) | 631(19.87) |
| Candidiasis / Aspergillosis, n (%) | Yes  | 2(66.7) | 0.050 | 6(54.6) | 0.004 |
| No | 712(20.74) | 676(19.74) |
| Readmissions, n (%) | Yes  | 152(22.1) | 0.331 | 144(22.8) | 0.041 |
| No | 562(20.44) | 538(19.19) |

T2DM: Type 2 diabetes mellitus. SD: Standard deviation. CCI: Charlson Comorbidity Index. COPD: Chronic obstructive pulmonary disease.