**Supplemental Table 7. Logistic regression analysis for prediction of VT morphology, only for patients with definite diagnosis by 2010 Task Force Criteria.**

**A.** Univariable multinomial logistic regression models for VT morphology prediction (compared to LBBB-VT, n=486)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| VT morphology | LBBB+RBBB VT (n=22) | | | | RBBB VT (n=30) | | | |
|  | OR | CI 95% | CI 95% | P-value | OR | CI 95% | CI 95% | P-value |
| Female gender | 3.52 | 1.36 | 9.09 | 0.010 | 0.56 | 0.16 | 1.91 | 0.351 |
| Age at first VT | 0.99 | 0.96 | 1.03 | 0.704 | 1.03 | 1 | 1.06 | 0.056 |
| *PKP2* mutation | 0.41 | 0.14 | 1.16 | 0.093 | 0.24 | 0.08 | 0.71 | 0.010 |
| *DSG2* mutation | 0.99 | 0.13 | 7.77 | 0.995 | 1.69 | 0.37 | 7.63 | 0.496 |
| *DSP* mutation\* | N/A | N/A | N/A | N/A | 5.62 | 1.72 | 18.43 | 0.004 |
| *JUP* mutation\* | N/A | N/A | N/A | N/A | 2.08 | 0.25 | 17.03 | 0.493 |
| *DSC2* mutation\* | N/A | N/A | N/A | N/A | 2.32 | 0.28 | 19.16 | 0.435 |
| *PLN* mutation | 6.68 | 1.72 | 25.93 | 0.006 | 1.59 | 0.2 | 12.73 | 0.662 |

\* Binomial logistic regression used since there were no mutations in the LBBB+RBBB VT group; CI, confidence intervals; OR, odds ratio; other abbreviations as in Tables 1 and 2.

**B.** Multivariable multinomial logistic regression models (compared to LBBB-VT)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| VT morphology | LBBB+RBBB VT (n=22) | | | | RBBB VT (n=30) | | | |
|  | OR | CI 95% | CI 95% | P-value | OR | CI 95% | CI 95% | P-value |
| Female gender | 3.4 | 1.26 | 9.17 | **0.015** | 0.47 | 0.13 | 1.73 | 0.258 |
| *PKP2* mutation | 0.43 | 0.14 | 1.28 | 0.128 | 0.28 | 0.09 | 0.87 | **0.027** |
| *DSP* mutation | N/A | N/A | N/A | N/A | 4.78 | 1.37 | 16.64 | **0.014** |
| *PLN* mutation | 3.03 | 0.69 | 13.21 | 0.140 | 1.45 | 0.17 | 12.26 | 0.734 |