**Supplemental Table 6.** Repertoire, frequency Shannon information entropy and diversity by admission to ICU, NEWS score, sex, diagnosis of sepsis and outcome. A=Alive,D=Dead

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **VARIABLES** | **ADMISSION ICU** | **NEWS SCORE** | **SEX SSEXSE SEX** | **SEX SSEPSISSE S** | **OUTCOME** |
|  | **YES****(n=11)** | **NO****(n=23)** | **p** | **1-4****(n=14)** | **>=5****(n=20)** | **p** | **F****(n=21)** | **M****(n=13)** | **p** | **YES**(n=17) | **NO**(n=17) | **p** | **A**(n=26) | **D**(n=8) | **p** |
| **Repertoire** (mean (SD))  | **14.9****(6.4)** | **15.4****(4.8)** | **0.41** | **16.7****(5.2)** | **14.2****(5.2)** | **0.16** | **15.8****(5.2)** | **14.3****(5.5)** | **0.24** | **13.7****(4.3)** | **16.7****(5.8)** | **0.16** | **14.6****(5.2)** | **17.2****(5.4)** | **0.23** |
| **Frequency**(mean (SD))  | **90.8****(81.8)** | **116.9****(59.5)** | **0.097** | **103.0****(57.1)** | **112.3****(75.0)** | **0.94** | **100.2****(57.8)** | **121.6****(81.4)** | **0.72** | **115.2****(71.9)** | **101.7****(64.1)** | **0.48** | **116.5****(71.2)** | **82.2****(47.7)** | **0.25** |
| **Shannon** (mean (SD))  | **0.30****(0.06)** | **0.26****(0.05)** | **0.019** | **0.29****(0.05)** | **0.26****(0.06)** | **0.30** | **0.28****(0.06)** | **0.26****(0.06)** | **0.31** | **0.25****(0.06)** | **0.30****(0.05)** | **0.055** | **0.26****(0.06)** | **0.32****(0.03)** | **0.005** |
| **Diversity** (mean (SD))  | **1.36****(0.08)** | **1.30****(0.07)** | **0.020** | **1.34****(0.06)** | **1.30****(0.09)** | **0.26** | **1.33****(0.08)** | **1.30****(0.08)** | **0.32** | **1.29****(0.08)** | **1.35****(0.06)** | **0.053** | **1.30****(0.08)** | **1.39****(0.05)** | **0.006** |