**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** |