# Clinical and microbial variables grouped by 1-month mortality.

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| **Variable** | **Median[IQR] or n** | **Death < 28 days** | **Death > 28 days** | **P value** |
| Age | 67·4 [ 54·1, 75·7] | 70·5 [ 59·2, 77·3] | 63·3 [ 48·5, 73·0] | 0·15 |
| Gender (male) | 11 | 17 | 17 | 0·4 |
| **Comorbidities** |  |  |  |  |
| APACHE II score | 27·0 [ 21·0, 32·2] | 31·0 [ 25·8, 35·0] | 24·5 [ 20·0, 28·8] | 0·012 |
| ARDS | 19 | 9 | 9 | 0·012 |
| Malignancy | 10 | 18 | 18 | 0·064 |
| Immunosuppressed | 13 | 15 | 15 | 0·26 |
| Diabetes | 11 | 17 | 17 | 0·56 |
| Sepsis-3 | 19 | 9 | 9 | 0·77 |
| **Antibacterials** |  |  |  |  |
| Vancomycin | 18 | 10 | 10 | 0·16 |
| Ceftriaxone | 6 | 22 | 22 | 0·37 |
| Ciprofloxacin | 8 | 20 | 20 | 0·35 |
| Piperacillin-tazobactam | 19 | 9 | 9 | 0·26 |
| **Microbiome-derived** |  |  |  |  |
| MMI | 0·3 [-0·2, 1·3] | 0·9 [ 0·0, 1·7] | -0·1 [-0·7, 0·6] | 0·01 |
| MMI > 0 | 21 | 7 | 7 | 0·023 |
| Shannon (D) | 5·8 [ 4·7, 6·2] | 5·8 [ 4·8, 6·2] | 5·9 [ 4·7, 6·2] | 1·0 |
| Chao1 (R) | 102·0 [ 76·5, 133·2] | 102·0 [ 76·5, 127·5] | 99·5 [ 77·8, 144·8] | 0·71 |