**Table 1.3 Use logistic regression to evaluate Relationship between FB and 28-day mortality status, stratified by quartile of fluid balance**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | group1 | group2 | group3 | group4 | per 1L increase in FB |
| ALL patients | 1.00 Ref. | 1.06 ( 0.9 , 1.25 )  p = 0.512 | 0.89 ( 0.76 , 1.06 )  p = 0.192 | 0.73 ( 0.61 , 0.88 )  p = 0.001 | 0.97 ( 0.96 , 0.98 )  p < 0.001 |
| PUL | 1.00 Ref. | 1.23 ( 0.92 , 1.66 )  p = 0.165 | 1.12 ( 0.83 , 1.52 )  p = 0.451 | 0.96 ( 0.7 , 1.32 )  p = 0.821 | 0.98 ( 0.96 , 1.01 )  p = 0.126 |
| CKD | 1.00 Ref. | 1.43 ( 0.92 , 2.24 )  p = 0.11 | 1.45 ( 0.94 , 2.27 )  p = 0.096 | 1.23 ( 0.78 , 1.97 )  p = 0.373 | 0.99 ( 0.96 , 1.02 )  p = 0.637 |
| CHF | 1.00 Ref. | 1.21 ( 0.89 , 1.66 )  p = 0.227 | 1.17 ( 0.85 , 1.6 )  p = 0.337 | 0.93 ( 0.67 , 1.31 )  p = 0.684 | 0.97 ( 0.94 , 0.99 )  p = 0.02 |
| Hypertension | 1.00 Ref. | 1.16 ( 0.7 , 1.94 )  p = 0.558 | 1.4 ( 0.86 , 2.3 )  p = 0.185 | * 1. ( 0.6 , 1.71 )   2. p = 0.982 | 0.99 ( 0.95 , 1.03 )  p = 0.642 |

**Table 1.4 Use logistic regression to evaluate Relationship between FB and ICU mortality status, stratified by quartile of fluid balance**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | group1 | group2 | group3 | group4 | per 1L increase in FB |
| ALL patients | 1.00 Ref. | 1.01 ( 0.83 , 1.23 )  p = 0.909 | 0.86 ( 0.71 , 1.04 )  p = 0.125 | 0.75 ( 0.61 , 0.92 )  p = 0.005 | 0.98 ( 0.96 , 0.99 )  p < 0.001 |
| PUL | 1.00 Ref. | 0.97 ( 0.7 , 1.35 )  p = 0.868 | 0.83 ( 0.6 , 1.16 )  p = 0.284 | 0.74 ( 0.53 , 1.05 )  p = 0.095 | 0.96 ( 0.94 , 0.99 )  p = 0.008 |
| CKD | 1.00 Ref. | 1.56 ( 0.91 , 2.74 )  p = 0.115 | 1.41 ( 0.82 , 2.47 )  p = 0.223 | 1.2 ( 0.69 , 2.14 )  p = 0.524 | 0.99 ( 0.95 , 1.02 )  p = 0.557 |
| CHF | 1.00 Ref. | 1.13 ( 0.78 , 1.64 )  p = 0.516 | 1.2 ( 0.83 , 1.72 )  p = 0.333 | 1.02 ( 0.7 , 1.5 )  p = 0.914 | 0.98 ( 0.95 , 1 )  p = 0.103 |
| Hypertension | 1.00 Ref. | 1.06 ( 0.58 , 2 )  p = 0.843 | 1.34 ( 0.75 , 2.45 )  p = 0.33 | 0.93 ( 0.5 , 1.76 )  p = 0.831 | 0.99 ( 0.95 , 1.03 )  p = 0.577 |

**Table 1.5 Use logistic regression to evaluate Relationship between fluid balance and Hospital mortality status, the group was stratified by quartile of fluid balance**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | group1 | group2 | group3 | group4 | per 1L increase in FB |
| ALL patients | 1.00 Ref. | 1.11 ( 0.95 , 1.3 )  p = 0.182 | 0.92 ( 0.79 , 1.09 )  p = 0.334 | 0.8 ( 0.67 , 0.95 )  p = 0.01 | 0.98 ( 0.97 , 0.99 )  p < 0.001 |
| PUL | 1.00 Ref. | 1.27 ( 0.95 , 1.7 )  p = 0.105 | 1.2 ( 0.9 , 1.61 )  p = 0.217 | 1.08 ( 0.8 , 1.47 )  p = 0.612 | 0.99 ( 0.96 , 1.01 )  p = 0.332 |
| CKD | 1.00 Ref. | 1.34 ( 0.89 , 2.03 )  p = 0.167 | 1.34 ( 0.89 , 2.04 )  p = 0.169 | 1.16 ( 0.75 , 1.8 )  p = 0.507 | 0.99 ( 0.96 , 1.03 )  p = 0.746 |
| CHF | 1.00 Ref. | 1.29 ( 0.95 , 1.74 )  p = 0.103 | 1.27 ( 0.94 , 1.72 )  p = 0.127 | 1.05 ( 0.76 , 1.45 )  p = 0.749 | 0.98 ( 0.96 , 1.01 )  p = 0.159 |
| Hypertension | 1.00 Ref. | 1.23 ( 0.76 , 2 )  p = 0.408 | 1.4 ( 0.88 , 2.27 )  p = 0.163 | 1.11 ( 0.67 , 1.84 )  p = 0.686 | 0.99 ( 0.96 , 1.03 )  p = 0.765 |

**Table 1.6 Use linear regression to evaluate Relationship between 24hour-fluid balance and LOS ICU, stratified by quartile of fluid balance**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | group1 | group2 | group3 | group4 | per 1L increase in FB |
| ALL patients | 1.00 Ref. | -0.3 ( -0.81 , 0.21 )  p = 0.255 | -0.13 ( -0.65 , 0.4 )  p = 0.638 | 0.21 ( -0.35 , 0.78 )  p = 0.457 | 0.06 ( 0.02 , 0.1 )  p = 0.004 |
| PUL | 1.00 Ref. | -0.35 ( -1.2 , 0.5 )  p = 0.422 | 0.75 ( -0.11 , 1.61 )  p = 0.089 | 1.04 ( 0.13 , 1.95 )  p = 0.025 | 0.16 ( 0.08 , 0.23 )  p < 0.001 |
| CKD | 1.00 Ref. | -0.21 ( -1.39 , 0.97)  p = 0.725 | 0.37 ( -0.83 , 1.58 )  p = 0.543 | 1.89 ( 0.61 , 3.17 )  p = 0.004 | 0.26 ( 0.16 , 0.36 )  p < 0.001 |
| CHF | 1.00 Ref. | 0.15 ( -1 , 1.29 )  p = 0.803 | 0.58 ( -0.58 , 1.74 )  p = 0.33 | 0.83 ( -0.4 , 2.07 )  p = 0.187 | 0.11 ( 0.01 , 0.21 )  p = 0.024 |
| Hypertension | 1.00 Ref. | -0.3 ( -1.64 , 1.03 )  p = 0.657 | 0.36 ( -0.99 , 1.72 )  p = 0.599 | 1.56 ( 0.12 , 3 )  p = 0.034 | 0.21 ( 0.1 , 0.33 )  p < 0.001 |