

Supplementary Materials

Table S1. Univariate logistic regression analysis to predict SBI and sepsis.

| | | Coeff. B | SE | WALD | p-Value | OR | CI 95% |
|-------------------|-------------|-----------------|-----------|-------------|----------------|-----------|---------------|
| SBI vs. others | CXCL7 | 0.055 | 0.031 | 3.180 | 0.075 | 1.056 | 0.995–1.122 |
| | constant | −5.861 | 2.689 | 4.751 | 0.029 | 0.003 | |
| | sP-selectin | 0.050 | 0.016 | 9.358 | 0.002 | 1.051 | 1.018–1.085 |
| | constant | −3.307 | 0.845 | 15.324 | 0.000 | 0.037 | |
| | CRB | 0.052 | 0.019 | 7.407 | 0.006 | 1.053 | 1.015–1.093 |
| | constant | −2.043 | 0.436 | 21.990 | 0.000 | 0.130 | |
| Sepsis vs. others | CXCL7 | 0.233 | 0.111 | 4.411 | 0.036 | 1.263 | 1.016–1.569 |
| | constant | −24.075 | 10.612 | 5.147 | 0.023 | 0.000 | |
| | sP-selectin | 0.067 | 0.034 | 3.941 | 0.047 | 1.069 | 1.016–1.569 |
| | constant | −6.119 | 2.110 | 8.411 | 0.004 | 0.002 | |
| | CRB | 0.032 | 0.014 | 4.995 | 0.025 | 1.033 | 1.004–1.062 |
| | constant | −3.786 | 0.808 | 21.964 | 0.000 | 0.023 | |

SE—standard error, OR—odds ratio, CI—confidence interval, CXCL7—chemokine ligand 7, CRB-C-reactive protein, SBI-serious bacterial infection.

Table S2. Multivariate logistic regression analysis to predict SBI and sepsis.

| | | Coeff. B | SE | WALD | p-Value | OR | CI 95% |
|------------------|-------------|-----------------|-----------|-------------|----------------|-----------|---------------|
| SBI vs. other | CXCL7 | 0.044 | 0.031 | 2.039 | 0.153 | 1.045 | 0.984–1.110 |
| | sP-selectin | 0.049 | 0.017 | 8.275 | 0.004 | 1.050 | 1.016–1.085 |
| | constant | −7.002 | 2.795 | 6.276 | 0.012 | 0.001 | |
| | CXCL7 | 0.032 | 0.032 | 0.956 | 0.328 | 1.032 | 0.969–1.100 |
| | sP-selectin | 0.041 | 0.018 | 5.286 | 0.021 | 1.042 | 1.006–1.080 |
| | CRB | 0.039 | 0.020 | 3.814 | 0.051 | 1.040 | 1.000–1.081 |
| | constant | −6.345 | 2.945 | 4.642 | 0.031 | 0.002 | |
| sepsis vs. other | CXCL7 | 0.218 | 0.120 | 3.315 | 0.069 | 1.243 | 0.983–1.572 |
| | sP-selectin | 0.067 | 0.039 | 2.991 | 0.084 | 1.070 | 0.991–1.154 |
| | constant | −26.180 | 12.040 | 4.728 | 0.030 | 0.000 | |
| | CXCL7 | 0.256 | 0.176 | 2.112 | 0.146 | 1.292 | 0.915–1.825 |
| | sP-selectin | 0.145 | 0.096 | 2.282 | 0.131 | 1.156 | 0.958–1.395 |
| | CRB | 0.032 | 0.017 | 3.662 | 0.056 | 1.033 | 0.999–1.067 |
| | constant | −36.362 | 21.204 | 2.941 | 0.086 | 0.000 | |

SE—standard error, OR—odds ratio, CI—confidence interval, CXCL7—chemokine ligand 7, CRB-C-reactive protein, SBI-serious bacterial infection.