

4.3.4a Validity Testing Attachment (CBE ID 0531)

Table 6 (4.3.4): Correlation matrix of PSI measures and criterion measures

PSI	Central line-associated bloodstream infections (CLABSI)	Catheter-associated urinary tract infections	Surgical site infection from colon surgery	Surgical site infection from abdominal hysterectomy	Methicillin-resistant Staphylococcus aureus (MRSA) bloodstream infections	Clostridium difficile (C. diff) infections	Rate of complications for hip/knee replacement patients
PSI03	0.032	0.079***†	0.093***†	0.102***†	0.069***†	0.099***†	0.054*
PSI06	0.030	0.021	0.035	0.074	0.037	0.068***†	0.039
PSI08	0.068***†	0.022	0.082***†	0.052	-0.003	0.040*	0.023
PSI09	0.016	0.045*	0.059*	0.093*	0.019	0.068***†	0.015
PSI10	0.051*	0.034	0.117***†	0.124***†	0.062***†	0.045*	0.000
PSI11	0.069***†	0.034	0.053*	0.043	0.084***†	0.037	0.070***†
PSI12	0.057*	0.027	0.051*	0.064	0.111***†	0.089***†	0.093***†
PSI13	0.068***†	0.044*	0.076***†	0.075	0.067***†	0.007	0.094***†
PSI14	0.056*	0.015	0.067***†	0.116***†	0.009	0.047*	0.031
PSI15	0.058*	0.057***†	0.073***†	0.099*	-0.021	0.081***†	0.025
PSI90	0.063***†	0.065***†	0.073***†	0.095*	0.117***†	0.120***†	0.122***†

Note: * p < .05, ** p < .01, *** p < .001. Correlations are Spearman rank correlations. † Shaded cells indicate significant correlations with p < .01.

Table 6 (4.3.4): Correlation matrix of PSI measures and criterion measures (continued)

PSI	30-day readmission rate for acute myocardial infarction patients	30-day readmission rate for coronary artery bypass graft patients	30-day readmission rate for chronic obstructive pulmonary disease patients	30-day readmission rate for heart failure patients	30-day readmission rate after hip/knee surgery	30-day readmission rate after discharge from hospital	30-day readmission rate for pneumonia patients
PSI03	-0.029	-0.071*	0.003	-0.015	0.053*	0.032	0.038*
PSI06	0.016	0.006	-0.023	-0.038*	0.008	0.005	0.044*
PSI08	-0.001	-0.058	0.011	-0.001	0.008	-0.014	0.021
PSI09	-0.036	-0.055	-0.030	-0.076***†	0.001	-0.047*	-0.020
PSI10	-0.003	-0.078*	-0.028	-0.097***†	0.005	0.006	0.024
PSI11	0.099***†	0.079*	0.012	0.038	0.071**†	0.080***†	0.053***†
PSI12	0.004	0.043	0.028	0.018	0.079***†	0.039*	0.034
PSI13	0.035	0.101**†	0.025	-0.008	0.087***†	0.049*	0.035
PSI14	-0.016	-0.039	-0.043*	-0.073***†	0.025	-0.022	-0.047*
PSI15	-0.030	-0.002	-0.017	-0.078***†	0.003	-0.034	-0.002
PSI90	0.043	0.057	0.012	0.048*	0.068**†	0.071***†	0.046*

Note: * p < .05, ** p < .01, *** p < .001. Correlations are Spearman rank correlations. † Shaded cells indicate significant correlations with p < .01.