

5.4.4 Risk/Case-Mix Adjustment Modeling and/or Stratification Results

Table1a: Acute care hospital model, variables not in the final risk model

Variable Name	Variable Definition	Variable Details (groups, levels, ranges*)	Reason not retained
numBeds	Number of beds	Range: 4 – 1342 Included as categorical: refer to code section	Collinear with ICUbedsize
prop_icu	Proportion of total beds that are ICU	Range: 0 - 0.847 Included as categorical: refer to code section	Collinear with ICUbedsize

Table 1b: Critical access hospital model, variables not in the final risk model

Variable Name	Variable Definition	Variable Details (groups, levels, ranges*)	Reason not retained
medType2	Medical type	M,N,G,U	NS-Univariate
numICUbeds	Number of ICU beds	Range: 0 - 11 Included as categorical: refer to code section	NS-Univariate
prop_icu	Proportion of total beds that are ICU	*Range: 0 - 0.400 Included as categorical: refer to code section	NS-Univariate

Table 1c: LTAC model, variables not in the final risk model

Variable Name	Variable Definition	Variable Details (groups, levels, ranges)	Reason not retained
avgCensus	Average daily census	Range: 3 – 397 Included as categorical: refer to code section	Non-significant in the presence of other variables
acuteCareHospNear	LTAC within a hospital near (but not within) an acute care hospital	Y, N, Null	NS-Univariate
acuteCareHospNo	LTAC within a hospital in a building that does not provide acute care services	Y, N, Null	NS -Univariate
cditestmeth	CDI test method	Cyto EIA GDH GDHEIA GDHNAAT NAAT	NS -Univariate

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ltacSetting	Setting	'FREE-STD' or 'HOSPITAL'	Non-significant in the presence of other variables
numBeds	Number of beds	Range: 13 – 455 Included as categorical: refer to code section	Non-significant in the presence of other variables
numHiObsBeds	Number of high observation beds	Range: 0 – 104 Included as categorical: refer to code section	Collinear with ' p_hiObs_grp '
numSingOccRm	Number of single occupancy rooms	Range: 0 – 233 Included as categorical: refer to code section	Non-significant in the presence of other variables
shareFacNeur	Free-standing LTAC sharing space with Neuro-behavioral unit or facility	Y, N, Null	NS -Univariate
shareFacNo	Free-standing LTAC not sharing space	Y, N, Null	Non-significant in the presence of other variables
shareFacOth	Free-standing LTAC sharing space with Other	Y, N, Null	NS -Univariate
shareFacRehab	Free-standing LTAC sharing space with Inpatient rehabilitation facility	Y, N, Null	Non-significant in the present of other variables
shareFacRes	Free-standing LTAC sharing space with Residential facility (assisted living)	Y, N, Null	NS -Univariate
shareFacSNF	Free-standing LTAC sharing spaces with Skilled nursing facility/nursing home	Y, N, Null	NS -Univariate
prop_icu	Proportion of LTAC beds that are critical care	Range: 0 – 0.933 Included as categorical: refer to code section	Collinear with ICUbedsize
prop_singOcc	Proportion of single occupancy rooms	Range: 0 – 1 Included as categorical: refer to code section	Non-significant in the present of other variables

Table 1d: Inpatient rehabilitation facility model, variables not in the final risk model

Variable Name	Variable Definition	Variable Details (groups, levels, ranges)	Reason not retained
numBeds	Number of rehab beds	Range: 4 – 262 Included as categorical: refer to code section	Non-significant in the presence of other variables
avgLOS	Average length of stay	Range: 1 - 75.1 Included as categorical: refer to code section	Non-significant in the presence of other variables
p_Brain	Proportion of admissions with brain dysfunction	Range: 0 - 0.521 Included as categorical: refer to code section	NS-Univariate
p_OthNeuro	Proportion of admissions with other neurologic conditions	Range: 0 – 1 Included as categorical: refer to code section	Non-significant in the presence of other variables
p_vent	Proportion of admissions on a ventilator	Range: 0 – 1 Included as categorical: refer to code section	NS-Univariate
p_Ped	Proportion of pediatric admissions	Range: 0 - 0.988 Included as categorical: refer to code section	NS-Univariate
p_Ortho_Other	Proportion of admissions with orthopedic conditions and other non-specific diagnostic categories	Range: 0 – 1 Included as categorical: refer to code section	NS-Univariate
p_Brain_OthN	Proportion of admissions with brain dysfunction (non-traumatic or traumatic) and other neurologic conditions	Range: 0 – 1 Included as categorical: refer to code section	Non-significant in the presence of other variables