

FIGURE 1. Distribution of Study Population

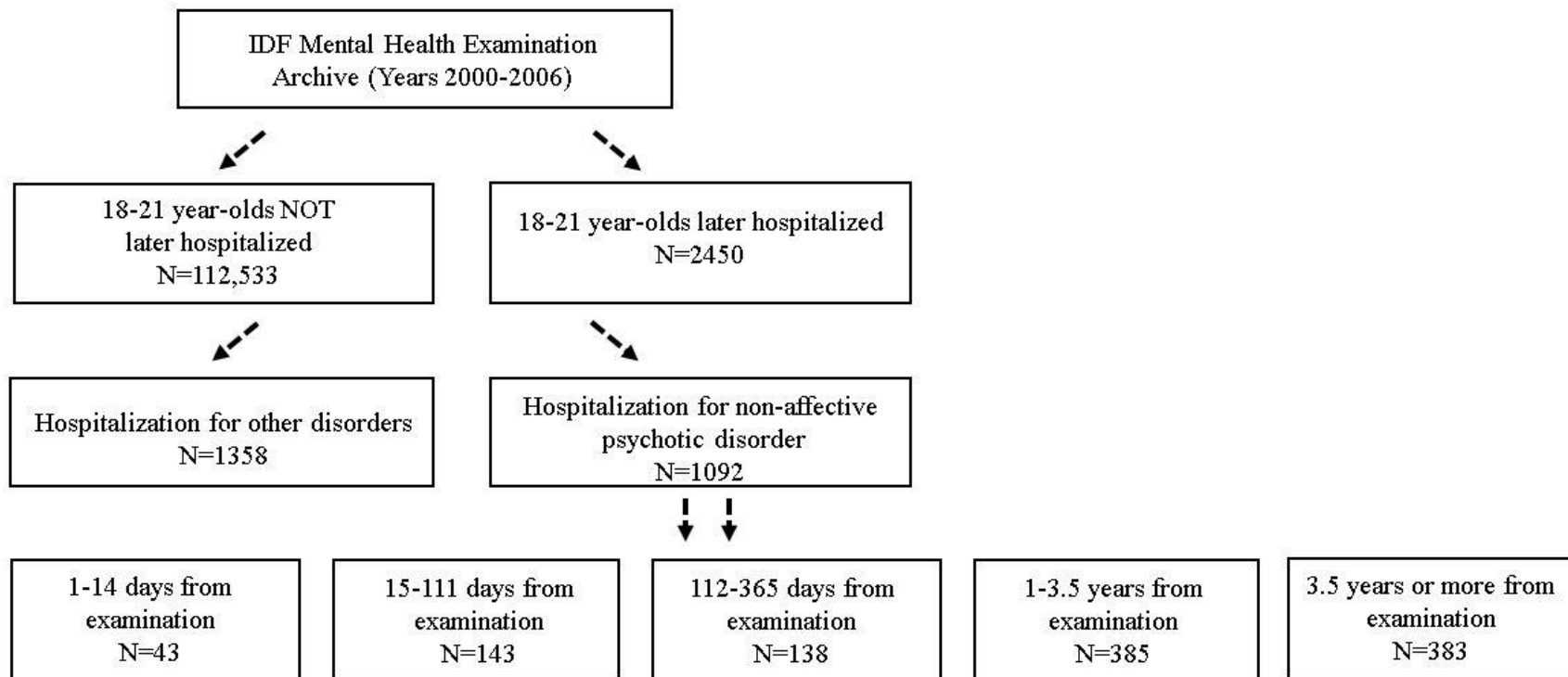


TABLE S1. Supplemental Data. Risk for hospitalization for other psychiatric disorders using clusters from principal component analysis (PCA), including positive predictive value (PPV), sensitivity and specificity, according to duration from the first mental health examination to hospitalization

A.

Factors	Hospitalization for other psychiatric disorder				Hospitalization for other psychiatric disorder between 1-14 days from examination				Hospitalization for other psychiatric disorder between 15-111 days from examination			
	HR [95% CI]	PPV [95% CI]	Sensitivity [95% CI]	Specificity [95% CI]	HR [95% CI]	PPV [95% CI]	Sensitivity [95% CI]	Specificity [95% CI]	HR [95% CI]	PPV [95% CI]	Sensitivity [95% CI]	Specificity [95% CI]
Depressive symptoms	1.06 [0.91-1.24]	1.24 [1.18-1.31]	52.28 [49.59-54.97]	49.94 [49.65-50.24]	1.12 [0.70-1.77]	0.07 [0.05-0.08]	52.78 [40.65-64.67]	49.94 [49.65-50.24]	1.11 [0.74-1.67]	0.09 [0.07-0.11]	52.69 [42.06-63.14]	49.94 [49.65-50.24]
Risk behavior and impulse control problems	2.04 [1.42-2.95]	2.22 [1.73-2.84]	4.27 [3.26-5.49]	97.73 [97.64-97.81]	5.36 [2.57-11.19]	0.31 [0.16-0.60]	11.11 [4.92-20.72]	97.73 [97.64-97.81]	2.96 [1.30-6.77]	0.23 [0.11-0.51]	6.45 [2.40-13.52]	97.73 [97.64-97.81]
Psychotic symptoms	3.14 [2.25-4.38]	4.35 [3.58-5.27]	6.77 [5.50-8.24]	98.20 [98.12-98.28]	20.88 [12.47-34.97]	0.98 [0.67-1.42]	27.78 [17.86-39.59]	98.20 [98.12-98.28]	3.10 [1.26-7.63]	0.25 [0.11-0.58]	5.38 [1.77-12.10]	98.20 [98.12-98.28]
Other symptoms	1.46 [1.17-1.83]	1.62 [1.43-1.83]	15.17 [13.30-17.19]	88.86 [88.67-89.04]	1.60 [0.86-2.96]	0.10 [0.06-0.16]	16.67 [8.92-27.30]	88.86 [88.67-89.04]	1.78 [1.05-3.02]	0.14 [0.09-0.21]	18.28 [11.02-27.65]	88.86 [88.67-89.04]

B.

Factors	Hospitalization for other psychiatric disorder 112-365 days from examination				Hospitalization for other psychiatric disorder between 1-3.5 years from examination				Hospitalization for other psychiatric disorder 3.5 years or more from examination			
	HR [95% CI]	PPV [95% CI]	Sensitivity [95% CI]	Specificity [95% CI]	HR [95% CI]	PPV [95% CI]	Sensitivity [95% CI]	Specificity [95% CI]	HR [95% CI]	PPV [95% CI]	Sensitivity [95% CI]	Specificity [95% CI]
Depressive symptoms	0.99 [0.75-1.33]	0.16 [0.14-0.19]	50.00 [42.60-57.40]	49.94 [50.24]	0.99 [0.85-1.18]	0.50 [0.46-0.54]	50.27 [46.05-54.48]	49.94 [50.24]	0.90 [0.75-1.08]	0.40 [0.36-0.43]	48.91 [44.24-53.59]	49.94 [50.24]
Risk behavior and impulse control problems	1.43 [0.64-3.23]	0.23 [0.11-0.51]	3.23 [1.19-6.89]	97.73 [97.81]	2.36 [1.63-3.41]	1.16 [0.82-1.64]	5.35 [3.64-7.55]	97.73 [97.81]	1.93 [1.27-2.94]	0.89 [0.60-1.32]	5.02 [3.21-7.44]	97.73 [97.81]
Psychotic symptoms	3.42 [1.86-6.30]	0.54 [0.30-0.96]	5.91 [2.99-10.34]	98.20 [98.28]	2.39 [1.59-3.60]	5.77 [4.94-6.73]	18.76 [15.85-21.95]	98.20 [98.28]	1.87 [1.18-2.97]	0.93 [0.60-1.44]	4.15 [2.52-6.40]	98.20 [98.28]
Other symptoms	1.47 [0.99-2.19]	0.23 [0.17-0.31]	33.72 [23.88-44.72]	88.86 [89.04]	1.38 [1.09-1.74]	0.65 [0.53-0.79]	14.62 [11.80-17.82]	88.86 [89.04]	1.64 [1.28-2.12]	0.56 [0.45-0.70]	15.50 [12.31-19.15]	88.86 [89.04]