

## **SUPPLEMENTAL DIGITAL CONTENT 4:**

### **IN-HOSPITAL MORTALITY BY SUBGROUPS**

<i>Subgroup characteristics</i>	<b>Derivation Cohort</b> N=2,717,902				<b>Validation cohort</b> N=2,789,932			
	N	Percent of patients (%)	In-hospital mortality (%)	Percent of t in-hospital mortality (%)	N	Percent of tpatients (%)	In hospital mortality (%)	Percent of the in hospital mortality (%)
Any patient older than 18 y.o.	2,717,902	100	0.47	100	2,789,932	100	0.54	100
Any patient older than 18 y.o. AND length of stay greater or equal to 1 day	1,172,113	43.13	1.09	100	1,234,886	44.26	1.21	100
Patients older than 45 y.o. AND length of stay greater or equal to 1 day	897,081	33.01	1.38	96.61	947,248	33.95	1.51	95.87
Patients older than 50 y.o. AND length of stay greater or equal to 1 day	811,380	29.85	1.38	94.38	859,126	30.79	1.62	93.41
Patients older than 55 y.o. AND length of stay greater or equal to 1 day	714,425	26.29	1.49	90.93	759,778	27.23	1.76	89.78
Patients older than 60 y.o. AND length of stay greater or equal to 1 day	603,227	22.19	1.63	85.33	644,755	23.11	1.95	84.27
POISE trial inclusion criteria	632,294	23.26	1.81	86.68	685,769	24.58	1.90	87.29