

**S2 Table.** Multivariable analysis for composites of mortality and cardiovascular (CV)-related re-admission and CV-related re-admission with SDS. AC SDS and NAC SDS were analyzed in two separate models due to significant correlation between AC SDS and NAC SDS.

	<b>Composite of Mortality &amp; CV Re-admission</b>		<b>CV Re-admission</b>	
	HR	P value	HR	P value
<b>Clinical data + Attenuation correction</b>				
<b>Gender</b>	0.90	0.71	0.84	0.63
<b>Age</b>	1.03	0.11	1.01	0.53
<b>BMI</b>	NA	NA	NA	NA
<b>FRS(%)</b>	1.01	0.54	NA	NA
<b>LVEF</b>	NA	NA	NA	NA
<b>AC SDS</b>	1.08	0.006	1.11	0.002
<b>Clinical data + Non-attenuation correction</b>				
<b>Gender</b>	0.74	0.91	0.86	0.68
<b>Age</b>	1.03	0.06	1.02	0.31
<b>BMI</b>	NA	NA	NA	NA
<b>FRS(%)</b>	1.01	0.52	NA	NA
<b>LVEF</b>	NA	NA	NA	NA
<b>NAC SDS</b>	1.07	0.012	1.10	0.002
<b>Clinical data + Attenuation correction</b>				
<b>Gender</b>	0.88	0.66	0.84	0.63
<b>Age</b>	1.03	0.07	1.02	0.35
<b>BMI</b>	NA	NA	NA	NA
<b>FRS(%)</b>	1.02	0.42	NA	NA
<b>LVEF</b>	NA	NA	NA	NA
<b>AC SDS group</b>	1.17	0.20	1.30	0.10
<b>Clinical data + Non-attenuation correction</b>				
<b>Gender</b>	0.85	0.58	0.79	0.51
<b>Age</b>	1.03	0.054	1.02	0.27
<b>BMI</b>	NA	NA	NA	NA
<b>FRS(%)</b>	1.02	0.42	NA	NA
<b>LVEF</b>	NA	NA	NA	NA
<b>NAC SDS group</b>	1.18	0.19	1.36	0.07

\* SDS group: classifying the severity of MPI by SDS 0-1, 2-4, 5-8, >8

\*\* AC: attenuation correction; BMI: body mass index; FRS: Framingham risk score;

gr: group; LVEF: left ventricular ejection fraction; NAC: non-attenuation correction;

SDS: summed difference score