

Supplementary Table 1 In-hospital and long-term mortalities in patients with type A AAD onset in different seasons (months)

	Winter			Spring			Summer			Autumn			P value
	N=129			N=147			N=92			N=124			
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
	N=46	N=35	N=48	N=48	N=53	N=46	N=32	N=19	N=41	N=33	N=39	N=52	
In-hospital mortality (month, %)	10.9	2.9	16.7	2.1	7.5	8.7	9.4	10.5	7.3	12.1	30.8	25.0	<0.01
In-hospital mortality (season, %)		10.9			6.1			8.7			23.4		<0.01
Long-term mortality (month, %)	4.9	5.9	2.5	6.4	4.1	11.9	10.3	5.9	5.3	3.4	3.7	5.1	0.89
Long-term mortality (season, %)		4.3			7.2			7.1			4.2		0.63

AAD= acute aortic dissection