

	<b>Senigallia (S)</b>					<b>Silvi Marina (SM)</b>			
<b>Temperature</b>	W	Sp	Su	Au	<b>Temperature</b>	W	Sp	Su	Au
W					W				
Sp	**				Sp	**			
Su	**	**			Su	**	**		
Au	**	ns	**		Au	**	ns	**	
<b>Salinity</b>	W	Sp	Su	Au	<b>Salinity</b>	W	Sp	Su	Au
W					W				
Sp	**				Sp	ns			
Su	**	ns			Su	**	**		
Au	**	**	**		A	**	**	**	
<b>Chlorophyll</b>	W	Sp	Su	Au	<b>Chlorophyll</b>	W	Sp	Su	Au
W					W				
Sp	**				Sp	ns			
Su	**	*			Su	**	**		
Au	**	ns	**		Au	ns	ns	**	

**Supplementary Table S7.** Results from Tukey's test pairwise comparison among seasons (W: winter, Sp: spring, Su: summer, Au: autumn) at the sampling stations of S (left columns) and SM (right columns). ns (not significant) =  $P \geq 0.01$ ; \* =  $0.01 > P \geq 0.001$ ; \*\* =  $0.001 > P \geq 0.0001$ .