

Compounds	PC1 <sup>a</sup>	PC2 <sup>b</sup>	PC3 <sup>c</sup>	PC4 <sup>d</sup>	PC5 <sup>e</sup>
C <sub>2</sub>	<b>0.854</b>	0.382	0.203		
C <sub>3</sub>	<b>0.832</b>	0.277			
C <sub>4</sub>	<b>0.751</b>	0.353	0.407		
C <sub>5</sub>	<b>0.764</b>	0.267	0.437		
C <sub>6</sub>	<b>0.697</b>	0.222	0.322		
C <sub>9</sub>		-0.256	0.294	<b>0.756</b>	0.389
<i>i</i> C <sub>5</sub>	<b>0.762</b>		0.523		
<i>M</i>			<b>0.885</b>		
<i>F</i>	<b>0.630</b>	0.288	<b>0.635</b>		
<i>h</i> C <sub>4</sub>	<b>0.794</b>	0.205			
Ph	<b>0.693</b>		0.431		0.313
<i>t</i> Ph					<b>0.904</b>
<i>k</i> C <sub>3</sub>	<b>0.716</b>		0.285		-0.202
Pyr	<b>0.823</b>	0.353	0.218		
$\omega$ C <sub>2</sub>	<b>0.854</b>	0.406			
$\omega$ C <sub>4</sub>	<b>0.881</b>				
Gly	<b>0.834</b>	0.396	0.248		
MGly	<b>0.687</b>	0.540			
OC	<b>0.787</b>			0.559	
EC	0.411	0.226	<b>0.632</b>		-0.337
Na <sup>+</sup>	0.241	0.314		<b>0.862</b>	
NH <sub>4</sub> <sup>+</sup>	0.315	<b>0.938</b>			
K <sup>+</sup>	<b>0.875</b>	0.289		0.293	
NO <sub>3</sub> <sup>-</sup>	0.355	<b>0.814</b>	0.302		
SO <sub>4</sub> <sup>2-</sup>	0.279	<b>0.895</b>			
Mean trajectory length	<b>-0.629</b>	<b>-0.627</b>	-0.255		
Solar flux along trajectory	-0.401	0.380			
Mixing depth along trajectory	-0.507	0.393	-0.302		
Variance (%)	64 %	9 %	7 %	6 %	4 %