

**Table 2** Explanatory power of linear CVAR models (as measured by  $r^2$ ) for the experimental data and observed values for climate proxies.

	Full Sample	In-Sample	Out-Of-Sample	Out-Of-Sample Excluding stage 11
<b>Experimental Data</b>	0.05	0.05	0.04	--
<i>T</i>	0.14	0.16	0.13	--
<i>I</i>	0.05	0.05	0.04	
<b>Climate Variables</b>				
<i>Temp</i>	0.39	0.59	0.25	0.48
<i>CO2</i>	0.20	0.33	0.10	0.32
<i>CH4</i>	0.26	0.43	0.17	0.35
<i>Ice</i>	0.39	0.55	0.26	0.48
<i>Fe</i>	0.27	0.41	0.16	0.26
<i>Na</i>	0.41	0.61	0.22	0.41
<i>SO4</i>	0.28	0.37	0.18	0.18
<i>Ca</i>	0.26	0.34	0.20	0.32
<i>Level</i>	0.18	0.36	0.04	0.63
<i>SST</i>	0.34	0.41	0.24	0.46