

Table 2. Split-plot analysis of variance for the proportion of ammonia-oxidizing bacteria clade JR1 in the Jasper Ridge Global Change Experiment

Source	df	Sum of squares	Mean square	<i>F</i>	<i>P</i>
Main plot comparisons					
C	1	0.4755	0.4755	2.46	0.1281
H	1	0.2690	0.2690	1.39	0.2482
C × H	1	0.00003	0.00003	0.00	0.9672
Error (plot{H × C})	28	5.4141	0.1934		
Subplot comparisons					
N	1	0.5976	0.5976	10.80	0.0027**
N × C	1	0.0534	0.0534	0.96	0.3344
N × H	1	0.5203	0.5203	9.40	0.0048**
N × C × H	1	0.0507	0.0507	0.92	0.3469
Error (N × plot{H × C})	28	1.5499	0.0554		
W	1	0.0018	0.0018	0.03	0.8616
W × N	1	0.0786	0.0786	1.34	0.2568
W × C	1	0.1340	0.1340	2.28	0.1419
W × H	1	0.5874	0.5874	10.01	0.0037**
W × H × C	1	0.0304	0.0304	0.52	0.4773
Error (W × plot{H × C})	28	1.6426	0.0587		
N × W × C	1	0.0982	0.0982	3.18	0.0861
N × W × H	1	0.2111	0.2111	6.84	0.0146*
N × W × H × C	1	0.1167	0.1167	3.78	0.0627
Error (N × W × plot{H × C})	26	0.8022	0.0309		

Two missing data points (for plots 47 and 123) were deleted. Split-plot ANOVA was performed by using the general linear model (GLM) in the SAS statistical package (SAS Institute, Cary, NC). *, *P* < 0.05; **, *P* < 0.01; N, nitrogen; H, heat; W, water; C, CO₂.