

1 **Table S7.** Effects of warming and precipitation treatments (fixed effects) on (log
2 transformed) Gram-positive:Gram-negative ratios in the summer and the fall, using a mixed-
3 effects model that included the fixed effect of time and the random effect of blocks. P values
4 for Type III sum of squares with a Satterthwaite approximation for the degrees of freedom.
5 Significance codes: P < 0.001 '***'.

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| | Sum. Sq. | Mean Sq. | num df | den df | F | P |
|----------------------|-----------------|-----------------|---------------|---------------|----------|------------|
| Precip | 0.032 | 0.016 | 2 | 69 | 1.533 | 0.223 |
| Temp | 0.019 | 0.006 | 3 | 69 | 0.611 | 0.610 |
| Season | 0.192 | 0.192 | 1 | 69 | 18.516 | < 0.001*** |
| Precip:Temp | 0.089 | 0.015 | 6 | 69 | 1.433 | 0.215 |
| Precip:Season | 0.003 | 0.002 | 2 | 69 | 0.150 | 0.861 |
| Temp:Season | 0.029 | 0.010 | 3 | 69 | 0.936 | 0.428 |

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