



S1: Mean gray values (pixel intensities) of strands of the orb web of *Allocyclosa bifurca*, photographed under different light conditions. There was a significant difference between the treatments (ANOVA: $F_{3, 18.7} = 559$, $P < 0.001$).

Post Hoc Tests

Games-Howell Post-Hoc Test – gray values

		sunabove	sunbehind	suninfront	shade
sunabove	Mean difference	—	-22.4 ***	-30.09 ***	23.3 ***
	t-value	—	-11.5	-9.75	11.6
	df	—	11.8	16.4	12.7
	p-value	—	<.001	<.001	<.001
sunbehind	Mean difference	—	—	-7.69	45.7 ***
	t-value	—	—	-2.96	41.0
	df	—	—	10.5	17.6
	p-value	—	—	0.057	<.001
suninfront	Mean difference	—	—	—	53.3 ***
	t-value	—	—	—	20.2
	df	—	—	—	11.0
	p-value	—	—	—	<.001
shade	Mean difference	—	—	—	—
	t-value	—	—	—	—

Games-Howell Post-Hoc Test – gray values

	sunabove	sunbehind	suninfront	shade
df				—
p-value				—

Note. * $p < .05$, ** $p < .01$, *** $p < .001$