

Rajang experiment June							
Cumulative irradiance		DOC, $\mu\text{mol L}^{-1}$		$S_{275-295}$		$a_{350}$	
Day		Light	Dark	Light	Dark	Light	Dark
0	0	178		0.0132		5.89	
1	$1.93 \times 10^6$	$176 \pm 0.31$	$178 \pm 1.34$	$0.0155 \pm 6.4 \times 10^{-5}$	$0.0131 \pm 3.5 \times 10^{-5}$	$4.88 \pm 0.06$	$6.03 \pm 0.02$
3	$6.53 \times 10^6$	$162 \pm 0.51$	$177 \pm 0.07$	$0.0183 \pm 1.6 \times 10^{-4}$	$0.0132 \pm 6.3 \times 10^{-6}$	$3.79 \pm 0.11$	$6.05 \pm 0.02$
Rajang experiment September							
Cumulative irradiance		DOC, $\mu\text{mol L}^{-1}$		$S_{275-295}$		$a_{350}$	
Day		Light	Dark	Light	Dark	Light	Dark
0	0	238		0.0130		7.91	
1	$1.10 \times 10^6$	$235 \pm 1.4$	$246 \pm 4.8$	$0.0138 \pm 2.0 \times 10^{-4}$	$0.0128 \pm 1.3 \times 10^{-4}$	$8.00 \pm 0.08$	$8.89 \pm 0.67$
3	$4.72 \times 10^6$	$219 \pm 6.1$	$238 \pm 4.6$	$0.0166 \pm 3.7 \times 10^{-4}$	$0.0124 \pm 5.8 \times 10^{-4}$	$6.04 \pm 0.25$	$9.24 \pm 0.64$
Marine experiment September							
Cumulative irradiance		DOC, $\mu\text{mol L}^{-1}$		$S_{275-295}$		$a_{350}$	
Day		Light	Dark	Light	Dark	Light	Dark
0	0	83		0.0228		0.55	
4	$6.08 \times 10^6$	$85 \pm 0.8$	$79 \pm 1.6$	$0.0299 \pm 5.2 \times 10^{-4}$	$0.0242 \pm 9.1 \times 10^{-4}$	$0.261 \pm 0.022$	$0.402 \pm 0.045$
6	$9.71 \times 10^6$	$86 \pm 1.2$	$81 \pm 1.6$	$0.0306 \pm 2.5 \times 10^{-4}$	$0.0245 \pm 2.3 \times 10^{-4}$	$0.247 \pm 0.006$	$0.385 \pm 0.012$
Samunsam experiment September							
Cumulative irradiance		DOC, $\mu\text{mol L}^{-1}$		$S_{275-295}$		$a_{350}$	
Day		Light	Dark	Light	Dark	Light	Dark
0	0	1799		0.0109		97.6	
1	$2.99 \times 10^6$	$1640 \pm 50$	$1730 \pm 11$	$0.0119 \pm 1.3 \times 10^{-4}$	$0.0108 \pm 3.2 \times 10^{-5}$	$85.0 \pm 2.6$	$93.5 \pm 1.5$
3	$7.13 \times 10^6$	$1535 \pm 30$	$1781 \pm 38$	$0.0126 \pm 7.0 \times 10^{-5}$	$0.0112 \pm 5.6 \times 10^{-4}$	$79.9 \pm 2.3$	$89.2 \pm 5.9$
5	$11.2 \times 10^6$	$1366 \pm 42$	$1779 \pm 17$	$0.0133 \pm 1.2 \times 10^{-4}$	$0.0109 \pm 7.1 \times 10^{-5}$	$70.0 \pm 3.2$	$96.4 \pm 1.2$