## CO<sub>2</sub>flux trend per trendlength [PgC]

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Percentage of CO<sub>2</sub>flux trends for a given trendlength

Trendlength [years]

1.05 PgC 0.95 PgC 0.75 PgC 0.65 PgC 0.25 PgC 0.15 PgC 0.25 PgC -0.25 PgC -0.25 PgC -0.25 PgC -0.25 PgC -0.35 PgC -0.35 PgC -0.35 PgC														1 05 D							
0.0	0.1	0.3	0.9	1.9	2.6	5.7	7.1	11.4	12.5	14.9	12.2	11.3	8.1	5.1	2.7	1.8	0.8	0.3	0.2	0.0	
0.0	0.0	0.0	0.3	0.8	2.1	5.1	8.0	11.2	15.0	16.2	13.7	11.2	7.1	4.5	3.1	0.9	0.4	0.0	0.1	0.0	CO <sub>2</sub> flu
0.0	0.0	0.1	0.1	0.7	1.8	3.2	7.9	12.1	15.6	17.8	15.7	10.9	7.1	3.6	2.2	0.6	0.3	0.1	0.0	0.0	CO <sub>2</sub> flux trends heatmap in MPI-E
0.0	0.0	0.0	0.1	0.1	1.5	3.5	6.7	12.2	16.0	20.4	16.5	10.5	7.2	3.5	1.2	0.4	0.1	0.1	0.1	0.0	s heatr
0.0	0.0	0.0	0.0	0.1	1.1	3.0	6.8	10.4	19.1	20.0	17.2	12.3	6.2	2.6	0.8	0.2	0.1	0.0	0.0	0.0	nap in
0.0	0.0	0.0	0.0	0.1	0.6	2.6	5.8	12.1	17.3	22.3	19.4	11.1	5.9	2.3	0.6	0.1	0.0	0.0	0.0	0.0	
0.0	0.0	0.0	0.0	0.1	0.5	1.8	5.9	10.4	19.1	23.5	18.9	12.0	5.7	1.5	0.4	0.1	0.0	0.0	0.0	0.0	SM Lai
0.0	0.0	0.0	0.0	0.1	0.2	1.3	5.4	10.7	19.6	24.3	19.9	12.9	3.7	1.3	0.4	0.0	0.0	0.0	0.0	0.0	rge En
0.0	0.0	0.0	0.0	0.0	0.2	1.4	4.1	10.6	20.3	25.6	21.1	12.0	3.6	0.9	0.2	0.0	0.0	0.0	0.0	0.0	SM Large Ensemble
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