

Assessing Coastal Wetland Carbon and Mineral Accumulation Response to Changing Climate, Cape Espenberg, Alaska

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TABLE S1: R codes and input parameters used for each Constant Rate of Supply (CRS) Bayesian age-depth model. Abbreviations are date.sample for sample date; n.supp for number of supported samples; acc.shape is the shape of the prior for the accumulation rate; acc.mean is the mean for the accumulation rate prior; mem.strength is the prior for the memory; mem.mean is the memory prior beta distribution; phi.shape is the shape parameter for the Pb-210 flux data; phi.mean is the mean parameter for the influx Pb-210 data; s.shape is the shape parameter for the supported Pb-210 data; and s.mean is the mean parameter for the supported Pb-210 data.

ID	date. sample	other dates	thick	Bqkg	n.supp	BCAD	acc. shape	acc. mean	mem. strength	mem. mean	phi. shape	phi. mean	s. shape	s. mean
16ESP-A1	2016	16ESP-A1b.csv	1	FALSE	3	TRUE	9	10	4	0.5	1	300	1.1	10
16ESP-G	2016	16ESP-Gb.csv	1	FALSE	3	TRUE	1	20	10	0.4	1	300	1.1	10
09ESP-M	2009	09ESP-Mb.csv	1	FALSE	3	TRUE	1.5	50	10	0.5	2	50	1.1	10
09ESP-P	2009	09ESP-Pb.csv	1	FALSE	1	TRUE	2	50	8	0.5	2	50	5	10

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