

Table 2. Summary of the Monte Carlo simulations

	Depth (m)	Exp.1		Exp.2		Exp.3		Exp. 4		Exp.5/1		Exp. 5/2	
		bias	prec.	bias	prec.	bias	prec.	bias	prec.	bias	prec.	bias	prec.
East. Basin	0-1000	-0.18	0.66	-2.33	0.75	2.62	0.66	-0.26	0.61	-2.33	1.46	1.58	12.5
	1000-2000	0.08	0.71	-2.20	0.79	2.86	0.72	-0.13	0.65	4.32	1.47	-4.83	12.6
	2000-3000	0.89	0.68	-1.53	0.75	3.40	0.66	0.18	0.65	-0.59	1.95	1.69	11.1
	3000-6000	0.07	0.70	-2.44	0.77	2.56	0.72	-1.15	0.67	0.87	2.41	-0.64	12.9
West. Basin	0-1000	-0.16	0.31	-4.36	0.37	0.59	0.29	-0.18	0.30	-0.19	0.78	-0.67	4.4
	1000-2000	-0.61	0.25	-4.87	0.27	0.07	0.24	-0.63	0.23	-1.31	1.25	-0.73	4.3
	2000-3000	1.50	0.24	-2.76	0.24	2.17	0.23	1.49	0.22	1.60	0.94	1.90	3.7
	3000-6000	0.21	0.26	-4.02	0.27	0.91	0.26	0.23	0.22	0.78	0.79	-0.58	4.6

For the conditions in the different experiments, see text. The left hand columns are the means of the averaged differences (eMLR based estimate: “true” Δ DIC) within a depth interval as a measure of the bias introduced to the data. The right hand columns are the means of the standard deviations of the differences within one depth interval, as a measure of the precision of the analysis, see Figs. 11 and 12.