

retreating Experiments starting from an **ice free glacier surface**,
regularisation parameters $\lambda_0 = 1$ and $\lambda_1 = 100$, $t^{spinup} = 100$ a

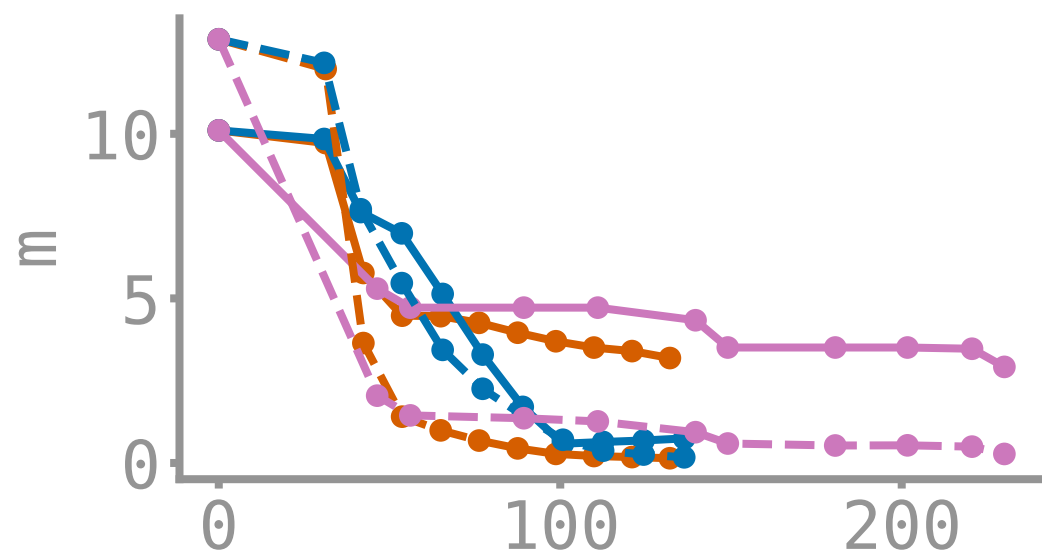
bed shape shown

fg: first guess
— and A: 'explicit' approach
— and B: 'implicit' approach
— and C: 'iterative' approach

—●— RMSE of b and b_t
-●- RMSE of s_m^e and s_o^e
...●... RMSE of Ps and Ps_t

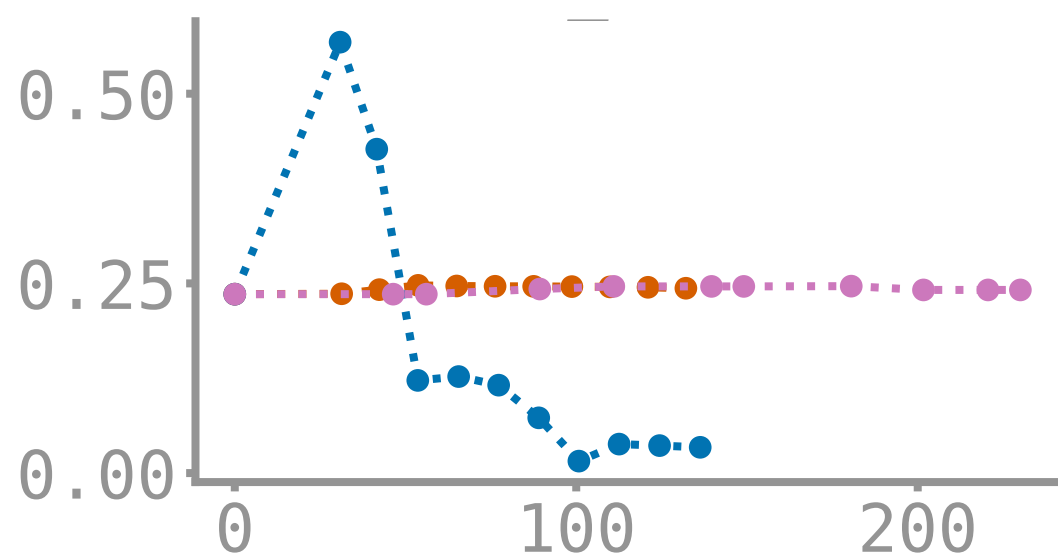
linear constant bed_h

DIFF_b, DIFF_s, fct, T_{cpu}				
fg:	38.41,	56.84		
A:	12.88,	0.91,	12,	132s
B:	4.72,	1.19,	12,	136s
C:	14.53,	1.53,	23,	230s



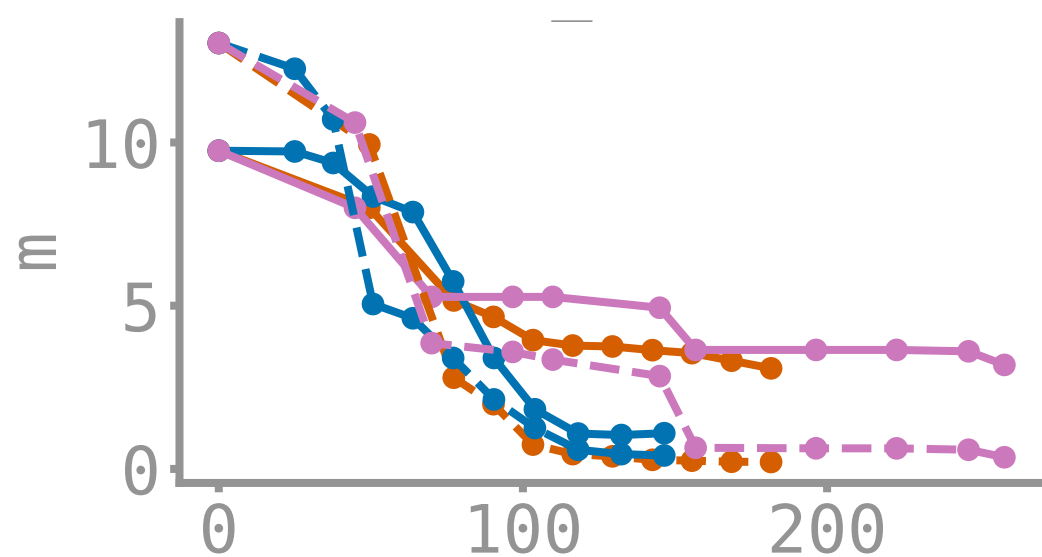
Ps

DIFF_Ps, DIFF_w, fct, T_{cpu}				
fg:	1.16,	8.91		
A:	1.17,	2.02,	12,	132s
B:	0.22,	0.34,	12,	136s
C:	1.17,	2.21,	23,	230s



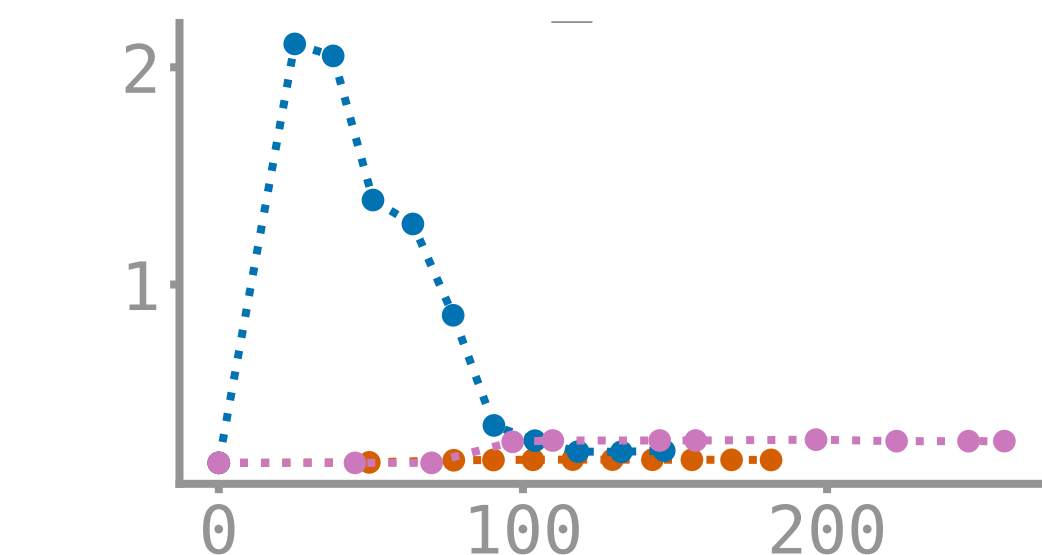
linear wide top bed_h

DIFF_b, DIFF_s, fct, T_{cpu}				
fg:	42.74,	60.40		
A:	11.52,	1.10,	14,	182s
B:	4.75,	1.87,	11,	146s
C:	19.34,	2.33,	21,	258s



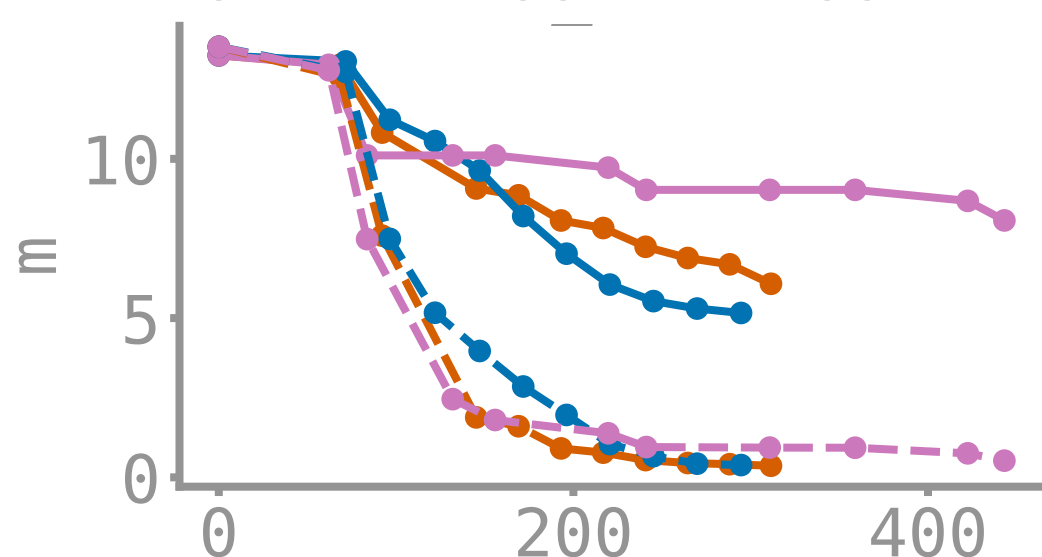
Ps

DIFF_Ps, DIFF_w, fct, T_{cpu}				
fg:	0.78,	7.65		
A:	0.81,	1.56,	14,	182s
B:	2.00,	2.92,	11,	146s
C:	1.01,	1.54,	21,	258s



cliff constant bed_h

DIFF_b, DIFF_s, fct, T_{cpu}				
fg:	47.18,	60.95		
A:	24.17,	2.19,	13,	311s
B:	26.43,	1.95,	12,	295s
C:	29.71,	2.27,	20,	443s



Ps

DIFF_Ps, DIFF_w, fct, T_{cpu}				
fg:	1.68,	9.17		
A:	1.67,	2.15,	13,	311s
B:	0.94,	0.27,	12,	295s
C:	1.68,	2.83,	20,	443s

