

retreating Experiments with trapezoidal shape

(a) to (d) from **initial glacier surface**

(e) to (h) from **ice free glacier surface**

fg: first guess

and A: $\lambda_0 = 0, \lambda_1 = 0$

and B: $\lambda_0 = 1, \lambda_1 = 0$

and C: $\lambda_0 = 10, \lambda_1 = 0$

and D: $\lambda_0 = 0, \lambda_1 = 1$

and E: $\lambda_0 = 0, \lambda_1 = 10$

and F: $\lambda_0 = 0, \lambda_1 = 100$

and G: $\lambda_0 = 0, \lambda_1 = 1000$

and H: $\lambda_0 = 10, \lambda_1 = 100$

—●— RMSE of b_m and b_t

····· RMSE of $w0_m$ and $w0_t$

