

	Mass change	Seasonal range	Seasonal timing	Bed slope	Surface slope	Bed elevation	Terminus thickness	Terminus width	Surface runoff	Terminus velocity	Terminus flux	Sill depth	T <sub>ocean</sub>
Mass change	1.00	-0.84	0.09	0.28	0.30	0.58	-0.60	-0.66	-0.49	-0.34	-0.74	0.47	0.12
Seasonal range	-0.84	1.00	0.03	-0.34	-0.27	-0.63	0.71	0.55	0.55	0.57	0.83	-0.52	0.02
Seasonal timing	0.09	0.03	1.00	0.07	0.10	0.16	-0.04	0.09	0.01	-0.05	-0.02	0.07	0.06
Bed slope	0.28	-0.34	0.07	1.00	0.73	0.21	-0.22	-0.17	-0.31	-0.06	-0.23	0.18	0.40
Surface slope	0.30	-0.27	0.10	0.73	1.00	0.16	-0.08	-0.19	-0.37	0.16	-0.08	0.02	0.44
Bed elevation	0.58	-0.63	0.16	0.21	0.16	1.00	-0.59	-0.15	-0.40	-0.64	-0.70	0.58	0.01
Terminus thickness	-0.60	0.71	-0.04	-0.22	-0.08	-0.59	1.00	0.13	0.39	0.63	0.81	-0.55	0.21
Terminus width	-0.66	0.55	0.09	-0.17	-0.19	-0.15	0.13	1.00	0.52	-0.05	0.45	-0.20	-0.12
Surface runoff	-0.49	0.55	0.01	-0.31	-0.37	-0.40	0.39	0.52	1.00	0.22	0.52	-0.25	0.01
Terminus velocity	-0.34	0.57	-0.05	-0.06	0.16	-0.64	0.63	-0.05	0.22	1.00	0.76	-0.56	0.39
Terminus flux	-0.74	0.83	-0.02	-0.23	-0.08	-0.70	0.81	0.45	0.52	0.76	1.00	-0.62	0.18
Sill depth	0.47	-0.52	0.07	0.18	0.02	0.58	-0.55	-0.20	-0.25	-0.56	-0.62	1.00	-0.01
T <sub>ocean</sub>	0.12	0.02	0.06	0.40	0.44	0.01	0.21	-0.12	0.01	0.39	0.18	-0.01	1.00

Mass variability

	Length change	Seasonal range	Seasonal timing	Bed slope	Surface slope	Bed elevation	Terminus thickness	Terminus width	Surface runoff	Terminus velocity	Terminus flux	Sill depth	T <sub>ocean</sub>
Length change	1.00	-0.47	0.18	0.01	0.23	0.08	0.30	-0.09	0.13	0.24	0.18	-0.08	0.33
Seasonal range	-0.47	1.00	0.03	-0.14	-0.21	-0.24	-0.04	-0.07	0.02	0.23	0.06	-0.06	-0.08
Seasonal timing	0.18	0.03	1.00	0.07	0.10	0.16	-0.04	0.09	0.01	-0.05	-0.02	0.07	0.06
Bed slope	0.01	-0.14	0.07	1.00	0.73	0.21	-0.22	-0.17	-0.31	-0.06	-0.23	0.18	0.40
Surface slope	0.23	-0.21	0.10	0.73	1.00	0.16	-0.08	-0.19	-0.37	0.16	-0.08	0.02	0.44
Bed elevation	0.08	-0.24	0.16	0.21	0.16	1.00	-0.59	-0.15	-0.40	-0.64	-0.70	0.58	0.01
Terminus thickness	0.30	-0.04	-0.04	-0.22	-0.08	-0.59	1.00	0.13	0.39	0.63	0.81	-0.55	0.21
Terminus width	-0.09	-0.07	0.09	-0.17	-0.19	-0.15	0.13	1.00	0.52	-0.05	0.45	-0.20	-0.12
Surface runoff	0.13	0.02	0.01	-0.31	-0.37	-0.40	0.39	0.52	1.00	0.22	0.52	-0.25	0.01
Terminus velocity	0.24	0.23	-0.05	-0.06	0.16	-0.64	0.63	-0.05	0.22	1.00	0.76	-0.56	0.39
Terminus flux	0.18	0.06	-0.02	-0.23	-0.08	-0.70	0.81	0.45	0.52	0.76	1.00	-0.62	0.18
Sill depth	-0.08	-0.06	0.07	0.18	0.02	0.58	-0.55	-0.20	-0.25	-0.56	-0.62	1.00	-0.01
T <sub>ocean</sub>	0.33	-0.08	0.06	0.40	0.44	0.01	0.21	-0.12	0.01	0.39	0.18	-0.01	1.00

Effective length variability