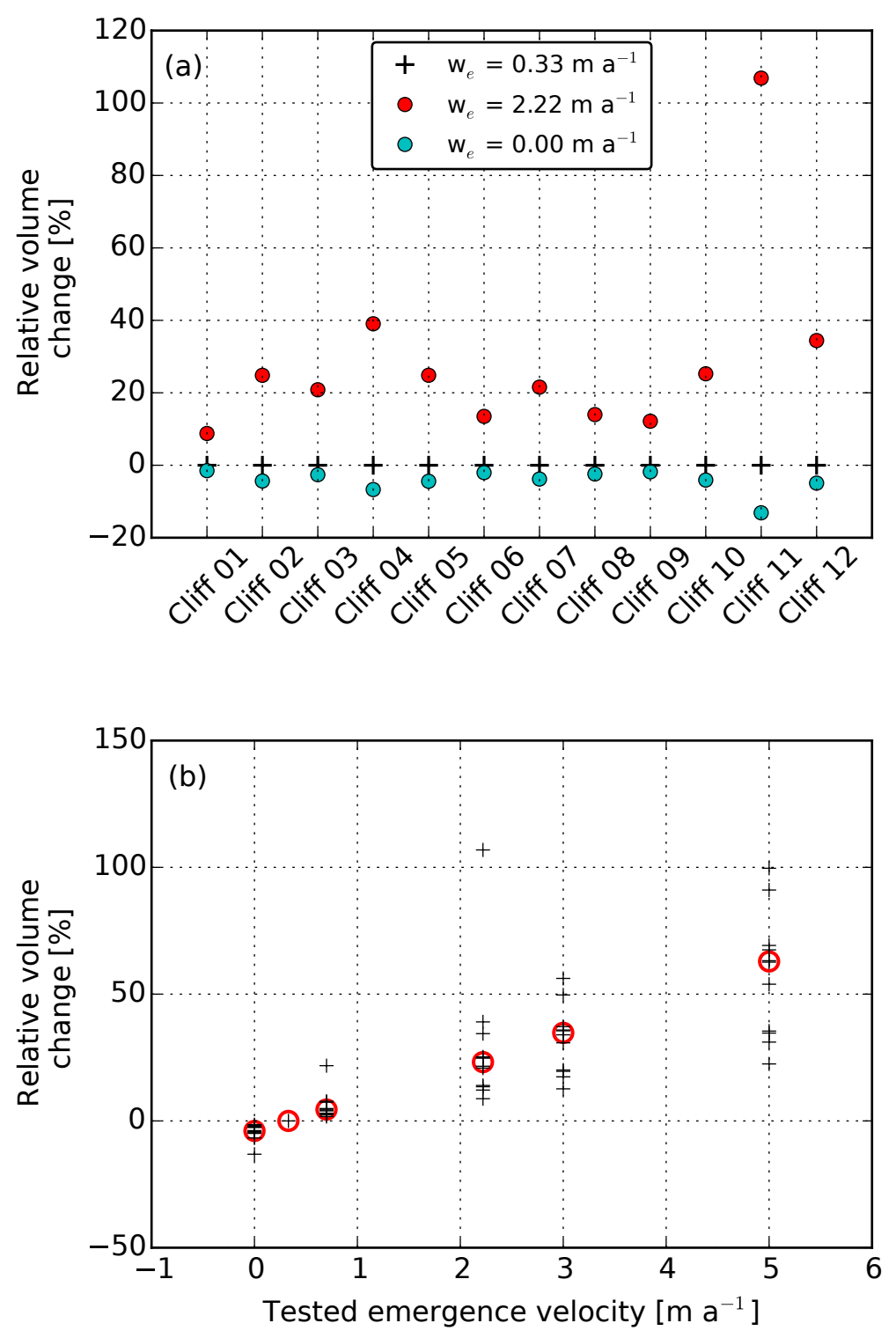
(a)
w_e = 0.33 m a^{-1}
w_e = 2.22 m a^{-1}
w_e = 0.00 m a^{-1}
Relative volume change [%]
120
100
80
60
40
20
0
−20
Cliff 01
Cliff 02
Cliff 03
Cliff 04
Cliff 05
Cliff 06
Cliff 07
Cliff 08
Cliff 09
Cliff 10
Cliff 11
Cliff 12
(b)
Relative volume change [%]
150
100
50
0
−50
−1
0
1
2
3
4
5
6
Tested emergence velocity [m a^{-1}]