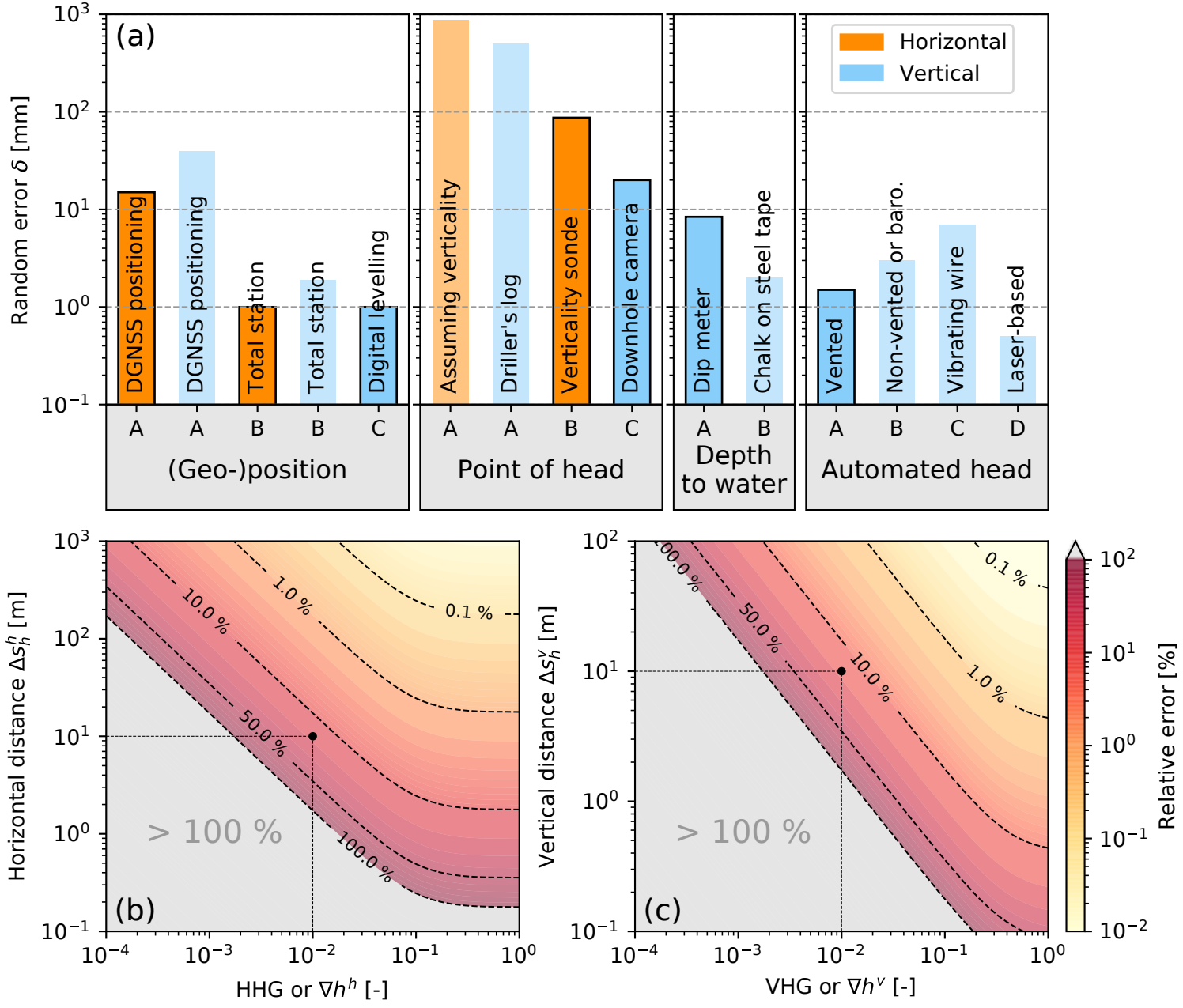
(a)
Random error δ [mm]
Horizontal
Vertical
DGNSS positioning
DGNSS positioning
Total station
Total station
Digital levelling
Assuming verticality
Driller's log
Verticality sonde
Downhole camera
Dip meter
Chalk on steel tape
Vented
Non-vented or baro.
Vibrating wire
Laser-based
A A B B C
(Geo-)position
A A B C
Point of head
A B
Depth to water
A B C D
Automated head
(b)
Horizontal distance Δs_h^h [m]
HHG or ∇h^h [-]
0.1 %
1.0 %
10.0 %
50.0 %
100.0 %
> 100 %
(c)
Vertical distance Δs_h^v [m]
VHG or ∇h^v [-]
Relative error [%]