(a) k_{sn} (m) color scale from ~10 (blue) to ~40 (red)

$\dfrac{dz}{dx}$

$U = 0.3 \text{ mm yr}^{-1}$

$U = 0.85 \text{ mm yr}^{-1}$

Contact Locations

Reaches are definted by contacts

Reach's C_H at min. and max. A

(b) $\phi = -1°$

Estimated C_H (m yr^{-1})

(c) $\phi = -5°$

Estimated C_H (m yr^{-1})

$\times 10^{-3}$ $\times 10^{-3}$

Drainage area bins

A (m^2)

Legend for (b-c)

C_H estimates made with Eq. 13 at reach's min and max A (small and large circles, respectively). Color indicates the k_{sn} of the corresponding reach.

Min. A   Max. A

Average of all Eq. 13 C_H estimates within an A bin

C_H estimates made with Eq. 12, n = 0.67, and Best-Fit K

C_H estimates made with Eq. 12, n = 1.5, and Best-Fit K