



Supplement of

Grain size dynamics using a new planform model – Part 2: Determining the relative control of autogenic processes and subsidence

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Figure S1: Please scan the QR code to play the following video of GravelScape surface grain size fining for 5Myrs at steady-state.

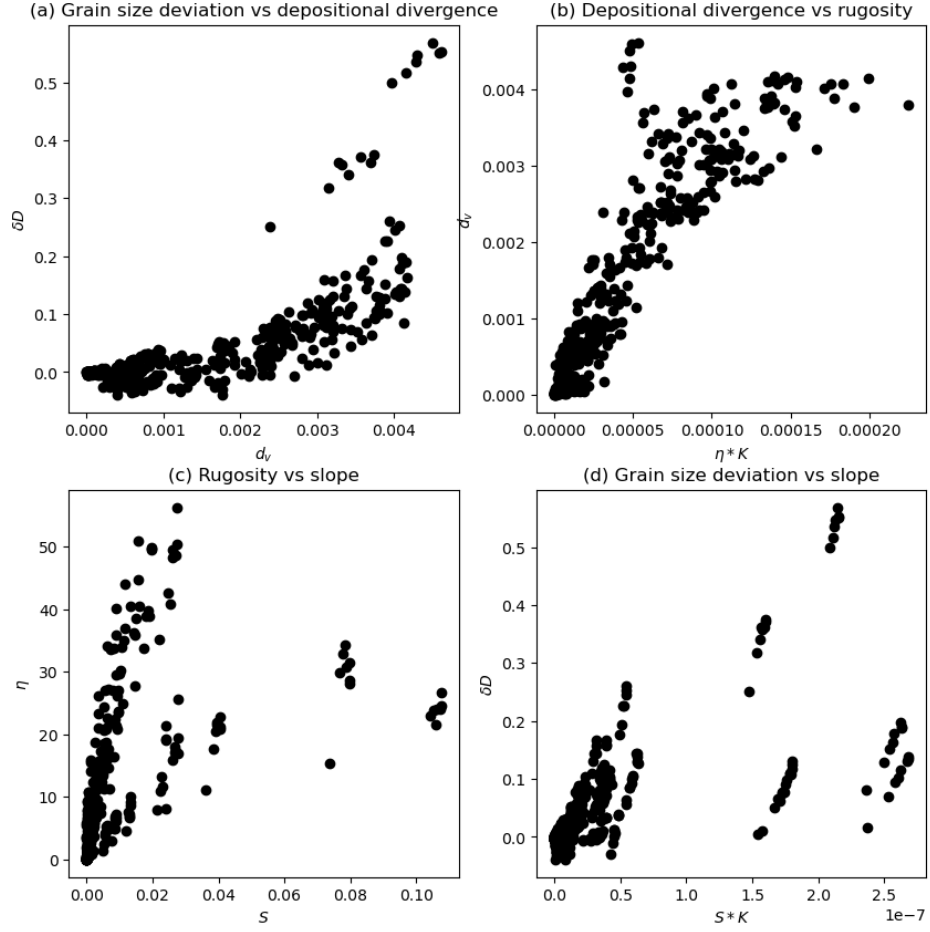


Figure S2: Correlations when not in log space.

Changing β through orogen precipitation

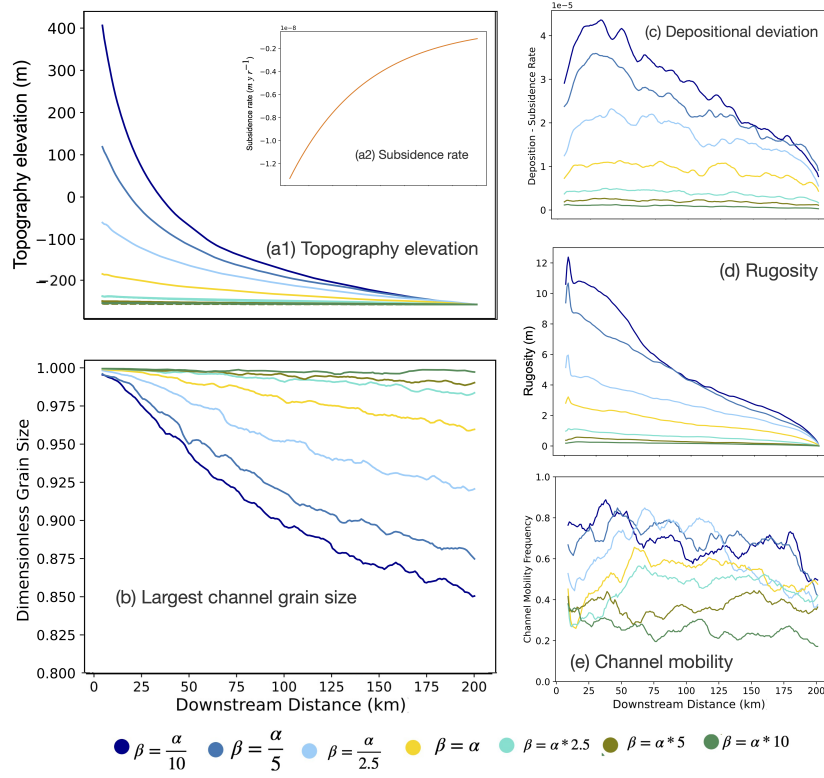


Figure S3: Changing β with downstream distance preserved for topography (a1), underlying subsidence rate (a2), largest channel grain size (b), depositional deviation (c), rugosity (d), and channel mobility (e).

Changing F through imposed basin subsidence

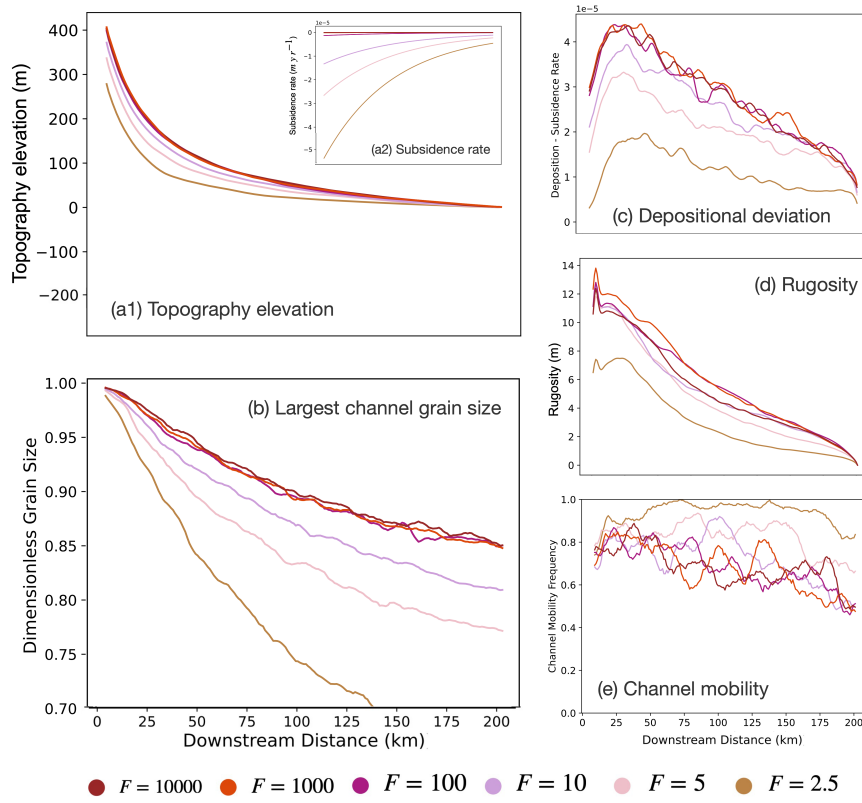


Figure S4: Changing F with downstream distance preserved for topography (a1), underlying subsidence rate (a2), largest channel grain size (b), depositional deviation (c), rugosity (d), and channel mobility (e).