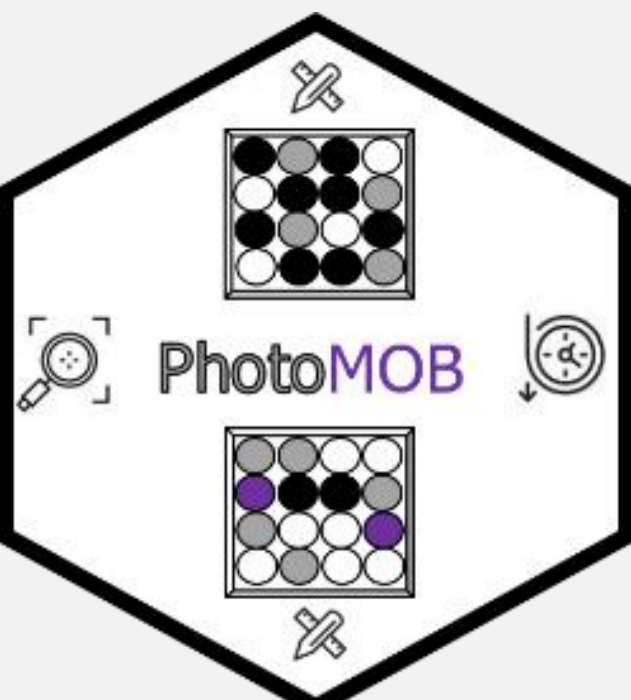


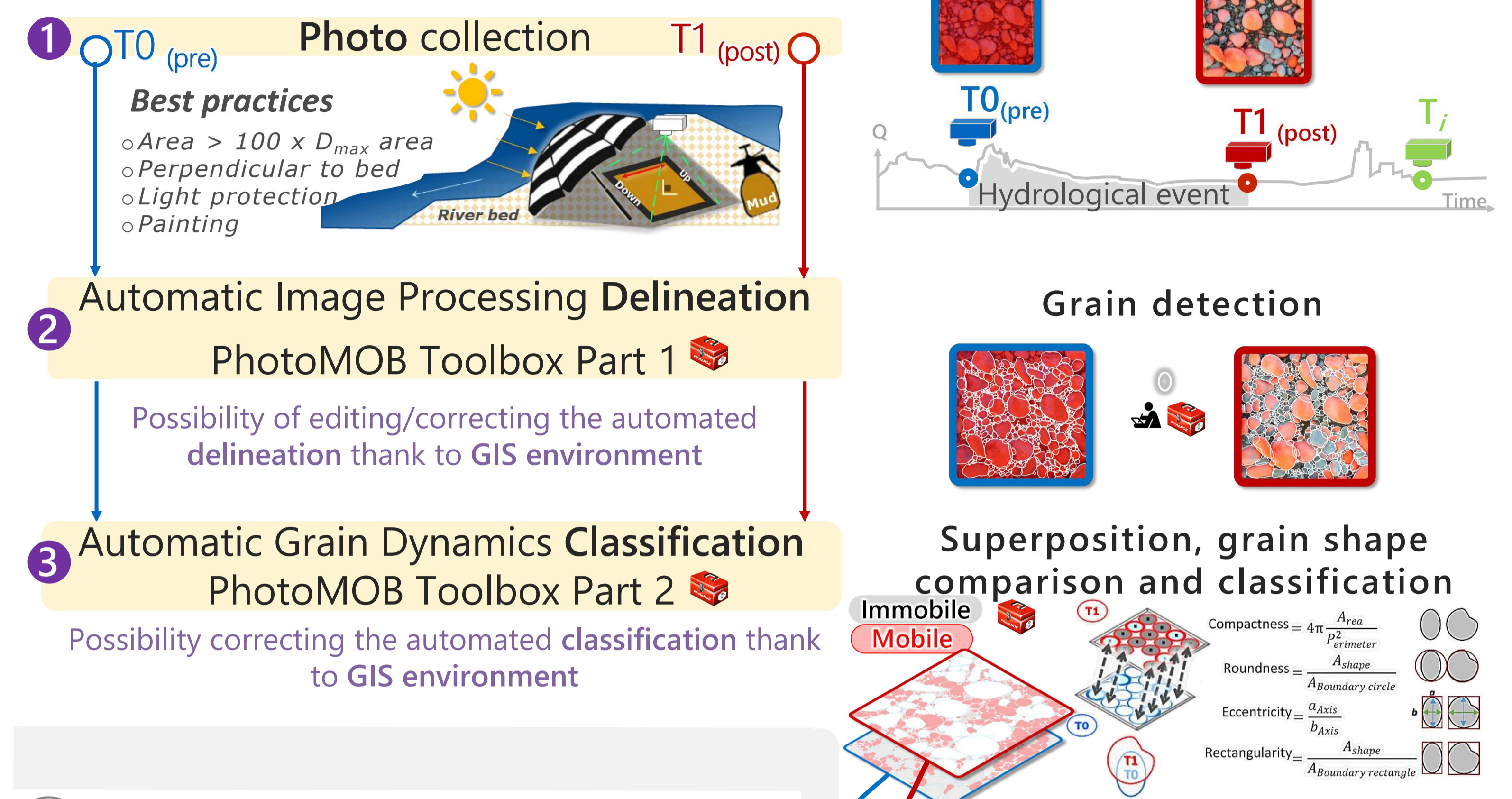
PhotoMOB: Assessing surface fractional mobility in gravel beds



Fanny VILLE^{1,2}, Damià VERICAT^{1,2,6}, Ramon J. BATALLA^{1,2,3,4}, Colin RENNIE^{2,5}

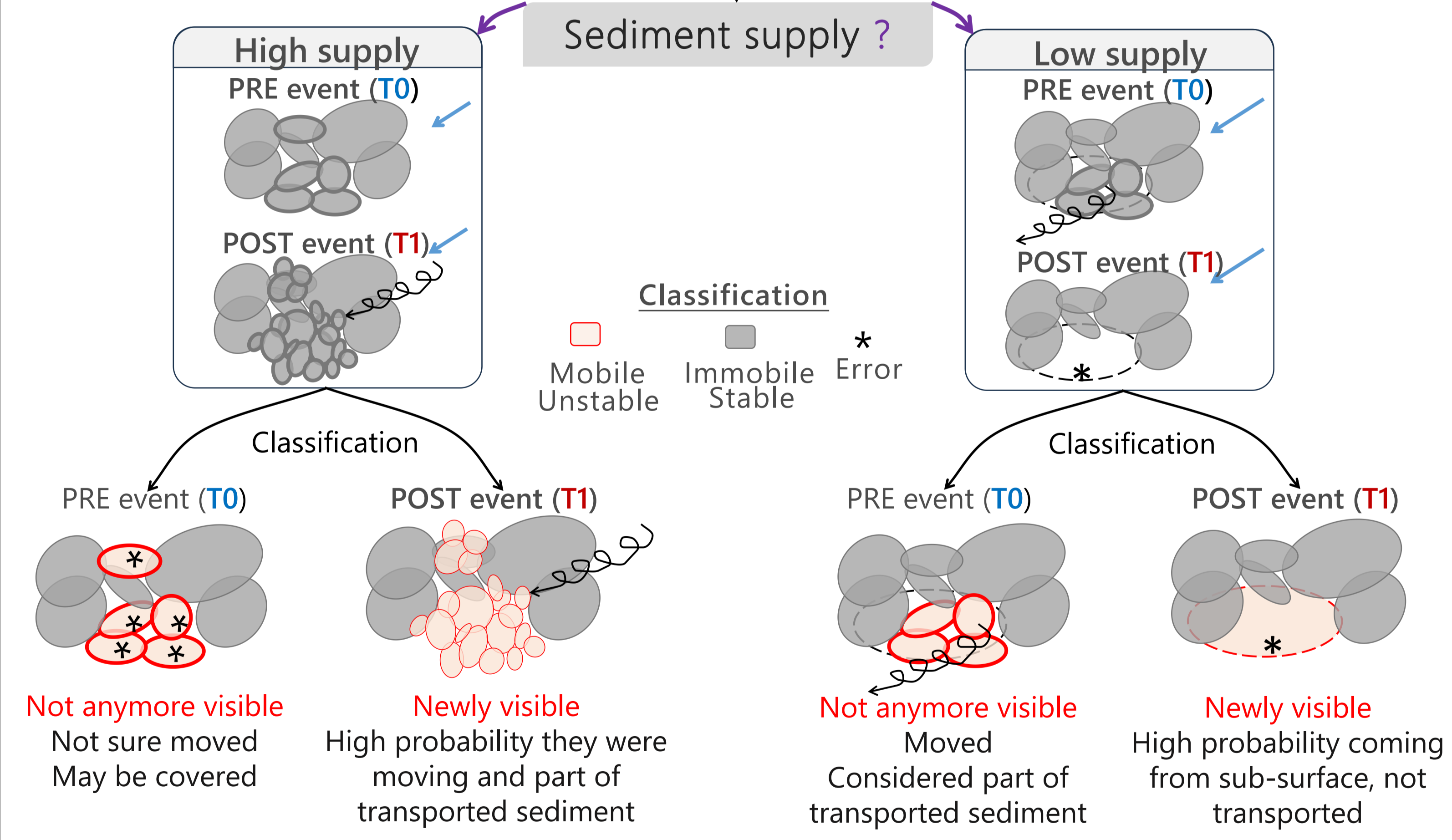


1 PhotoMOB method



2 Discussions / Key points

Most reliable layer for studying dynamics ? PRE or POST ?



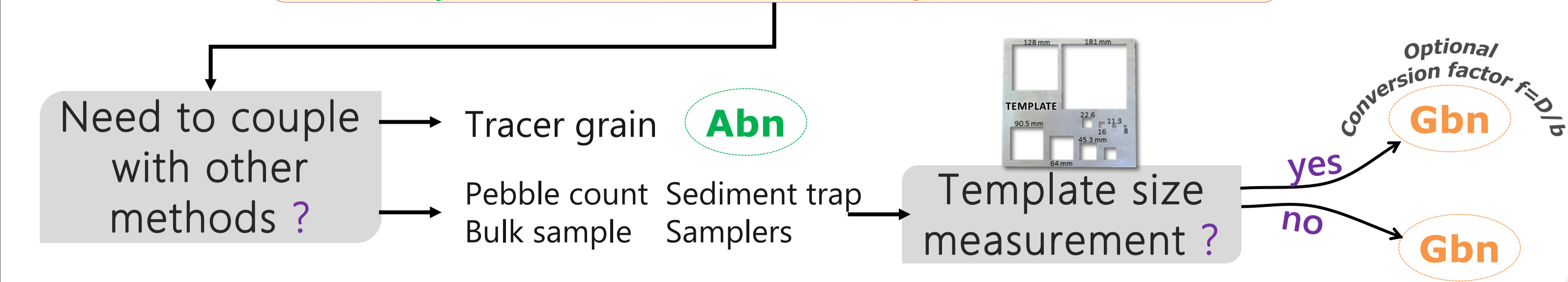
Expert decision

Data analyses

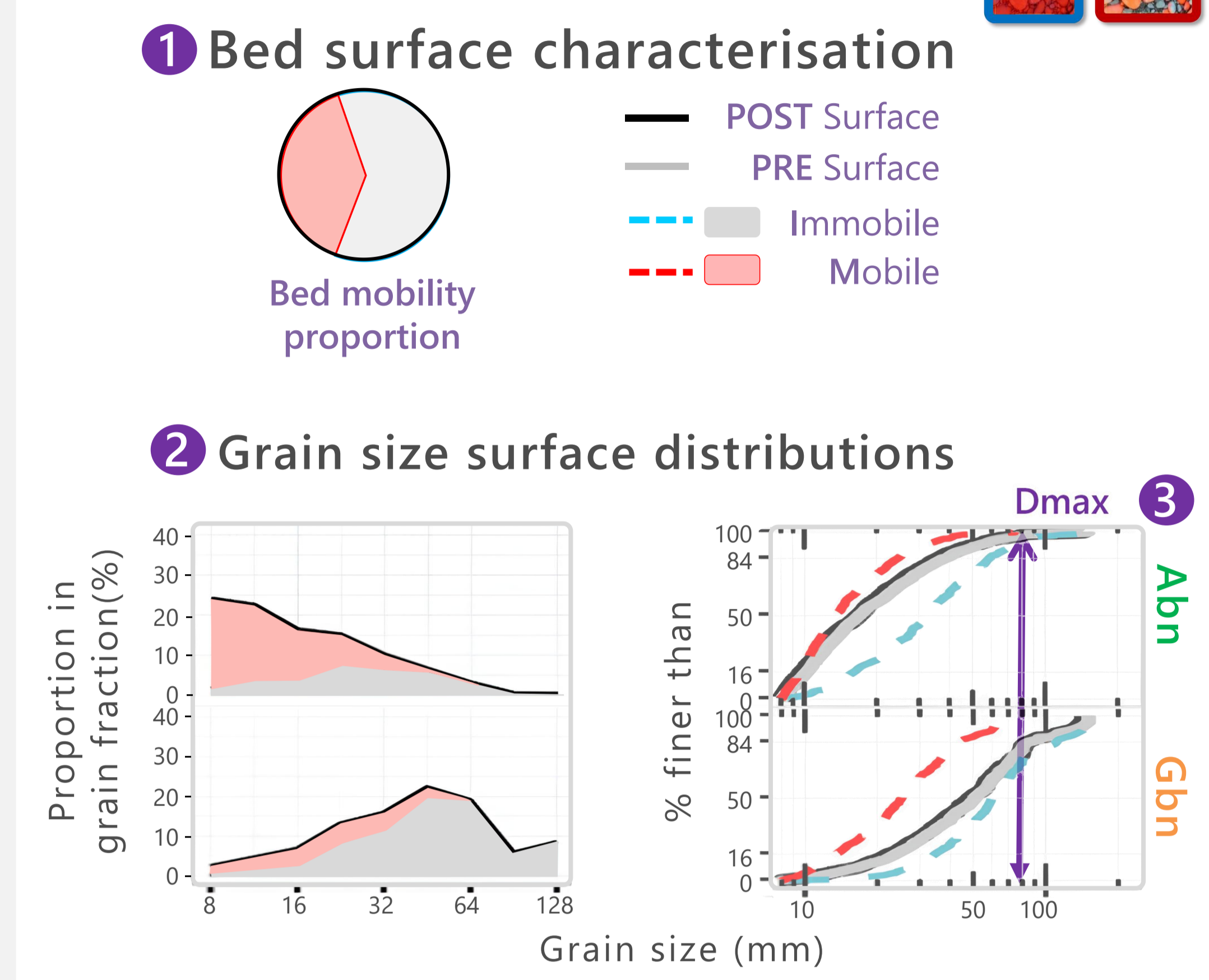
PhotoMOB Extractor App

Which form to express the data ?

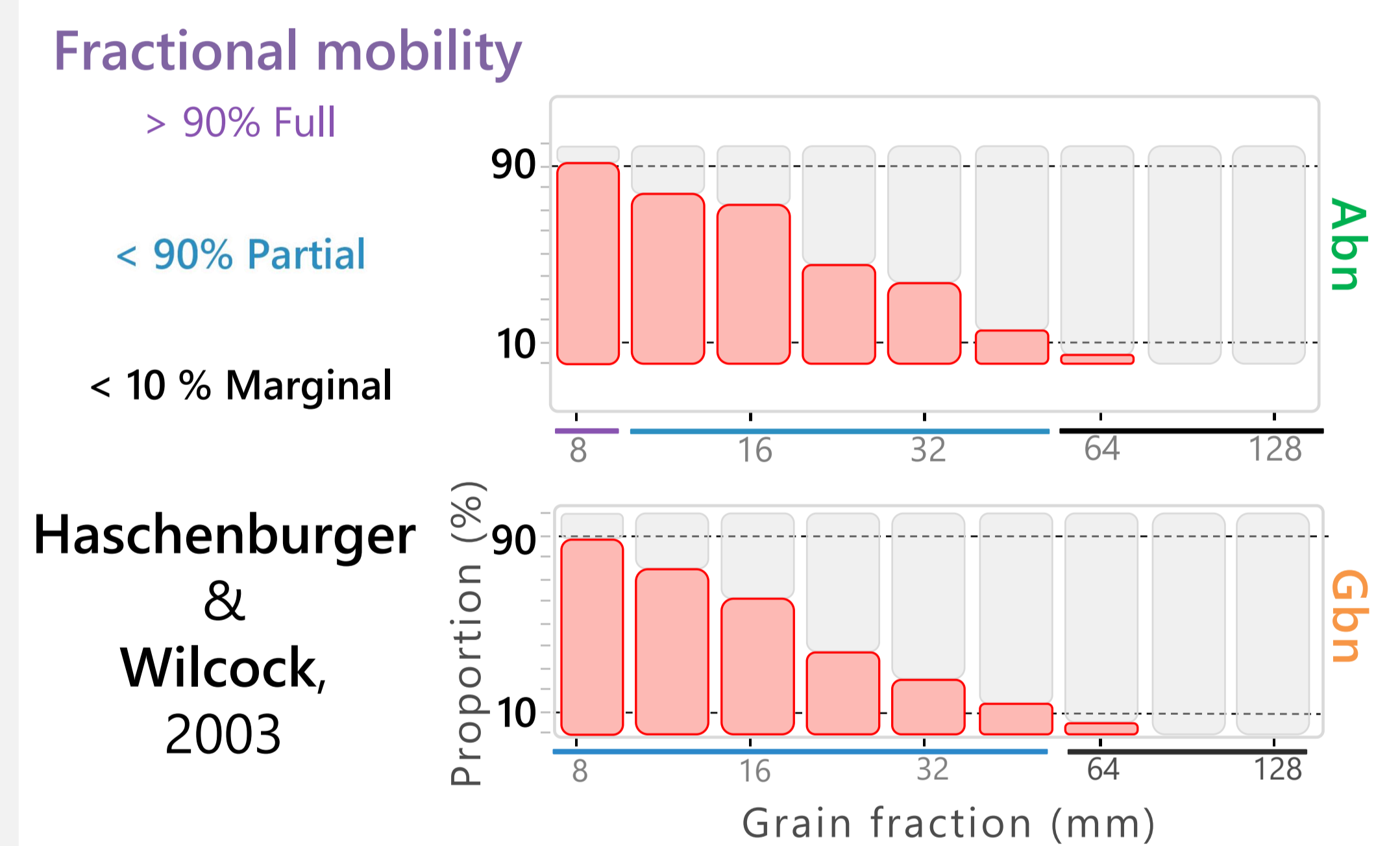
Area-by-number (Abn) or Grid-by-number (Gbn) ?



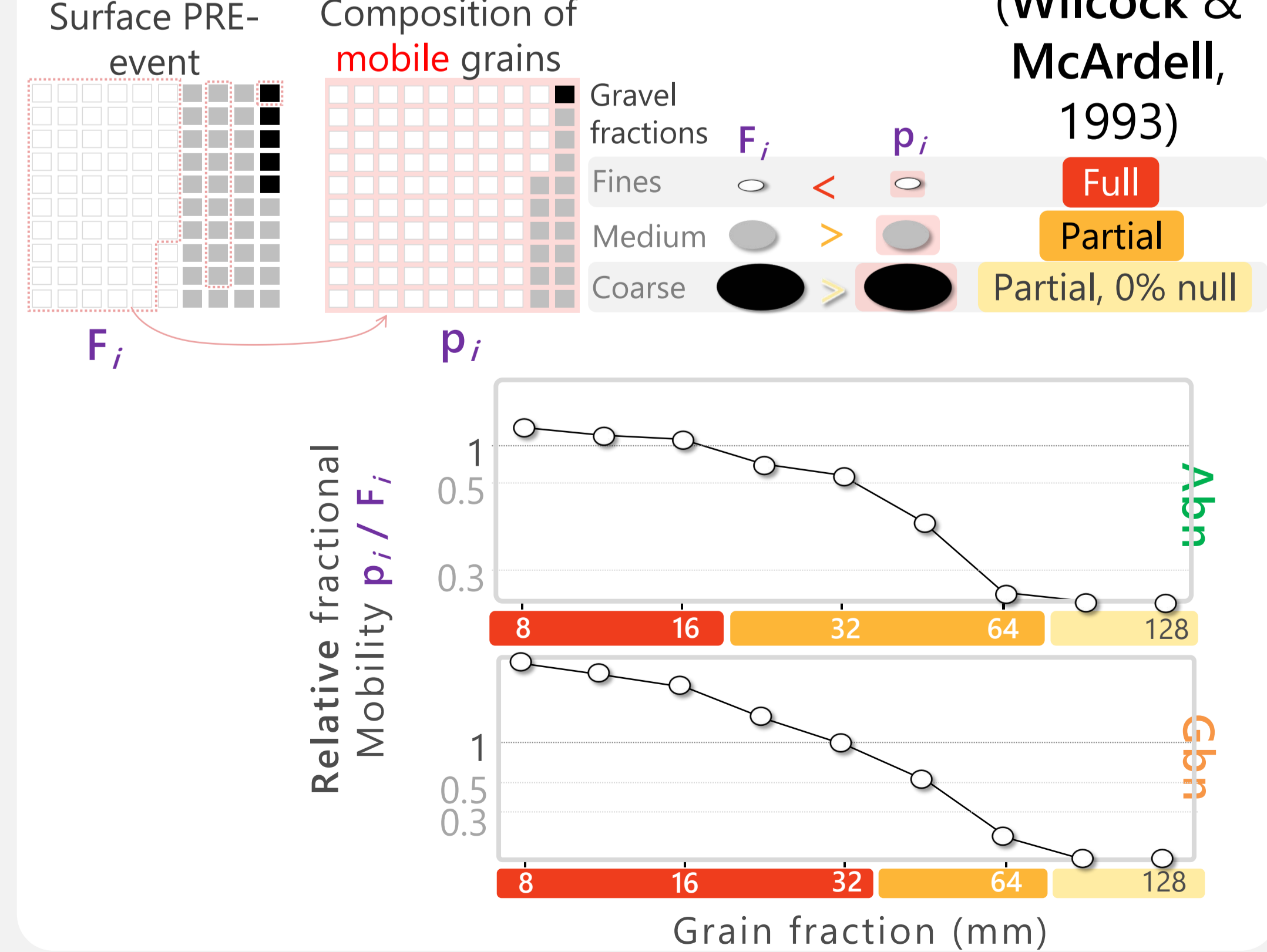
3 PhotoMOB outputs



4 Grain fractions characterisation



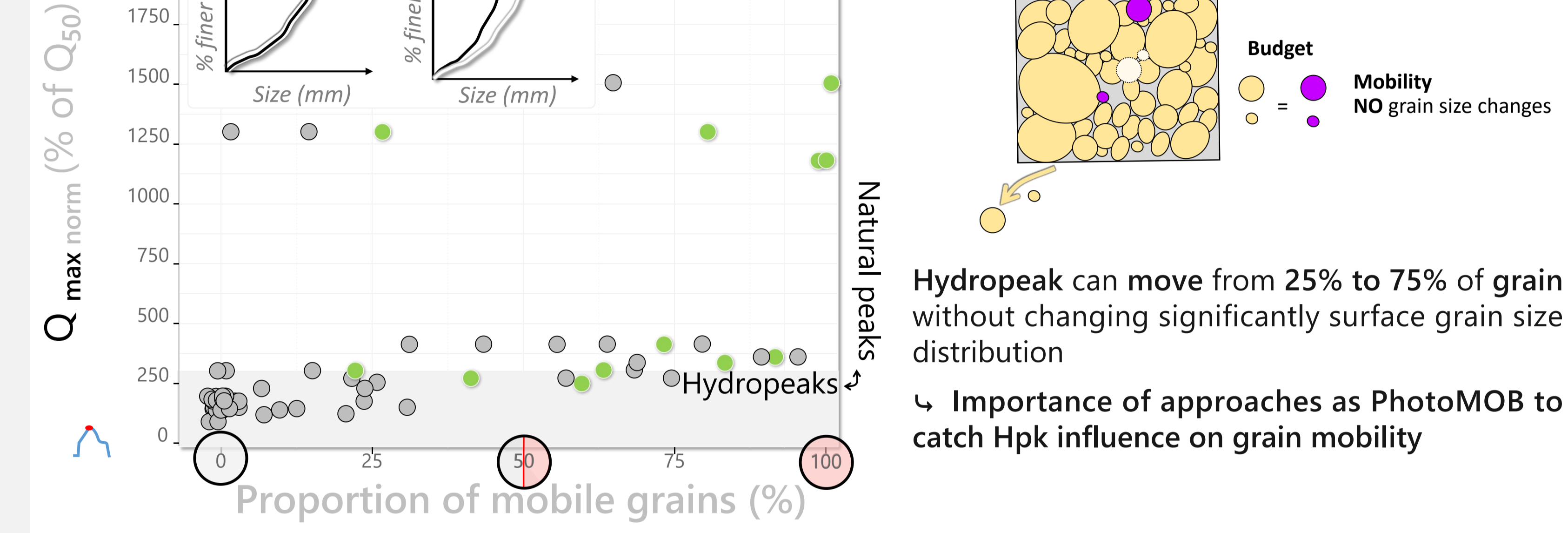
Relative fractional mobility



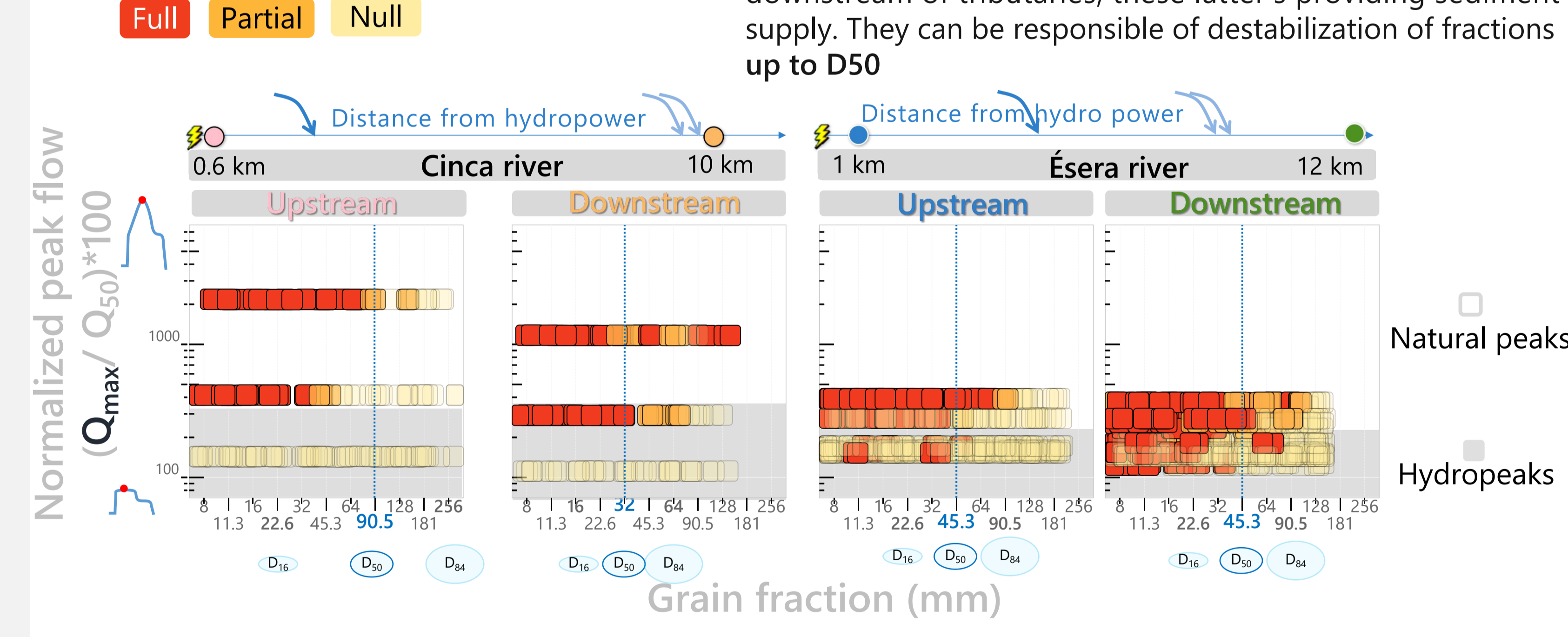
4 Study cases: hydropeaked river



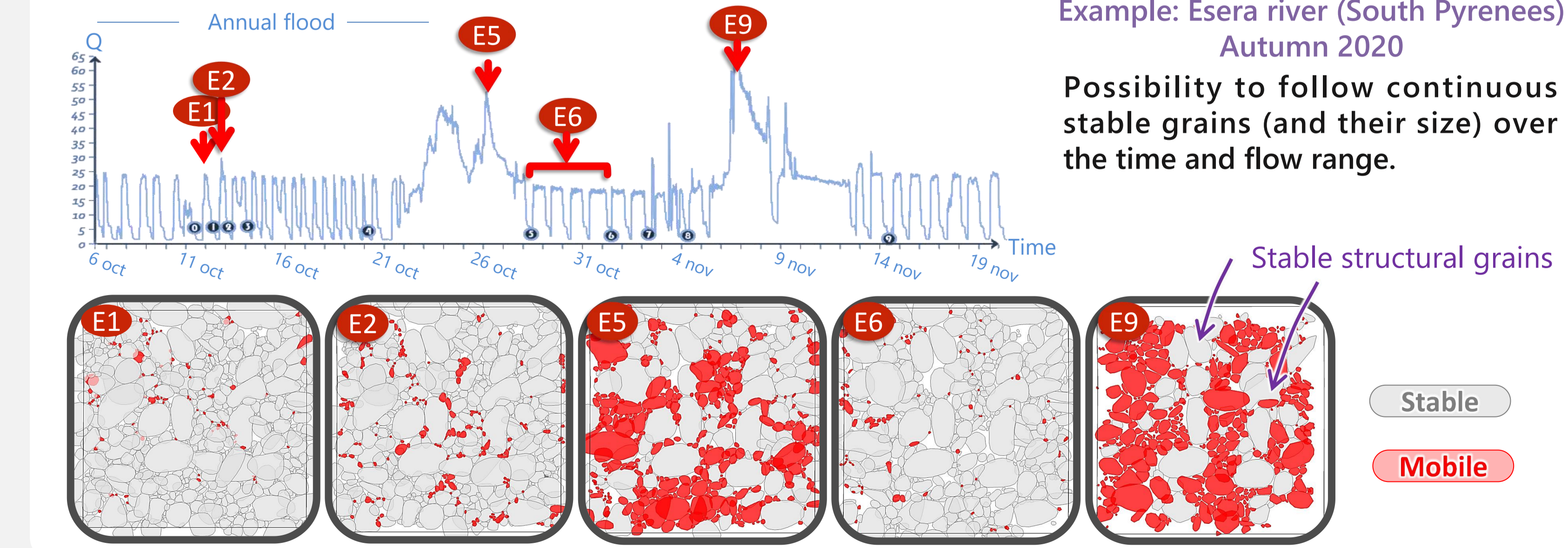
1 Bed surface changes



2 Relative fractional mobility



3 Spatiotemporal variability of bed mobility



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Sorting Workshop
Grenoble, France, June 10 – June 13