Calculating Bank Instability

These calculations refer to 1 field method, Primary Transects

TransectID (e.g. A0, or A5)
ChannelNum (0,1,2,…)
DirectionObserved (Left Bank = LB or Right Bank = RB)
BankInstability (percent of plot edge (bankfull margin) that is unstable)

1) Count observations to determine NumberOfBankInstabilityPlots - Count the number of plots for human influence. If there are no side channels, this will normally be 22. It will be greater when a side channel flows across primary transects.
2) Calculate MeanBankInstability - Sum BankInstability values and divide by NumberOfBankInstabilityPlots.

Metric	SourceFile	Operation
NumberOfBankInstabilityPlots	PrimaryTransect	Count of the number of bank plots observed within the site. This is normally 22 (11 transects and 2 banks) if no side channels are present in the site
MeanbankInstability	PrimaryTransect	Sum BankInstability values and divide by NumberOfBankInstabilityPlots