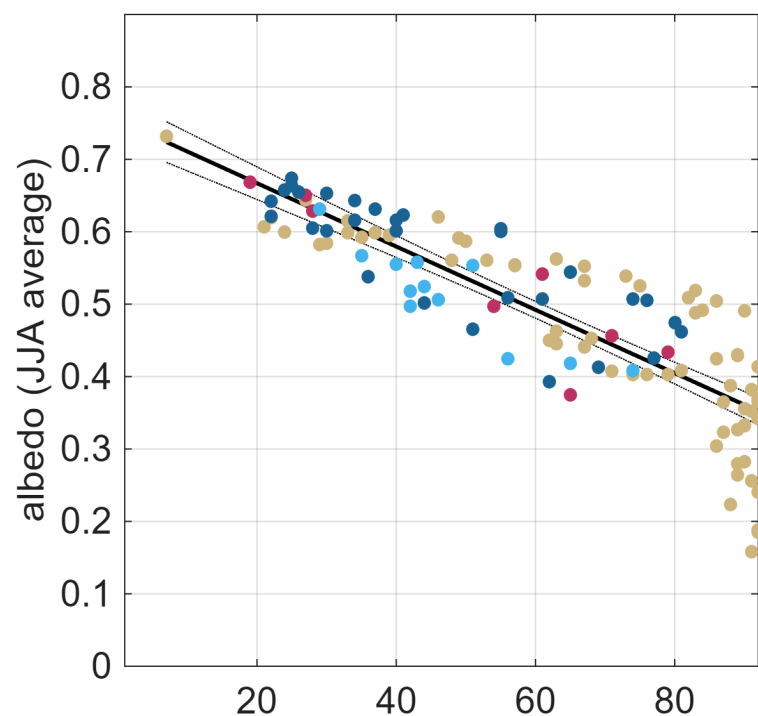
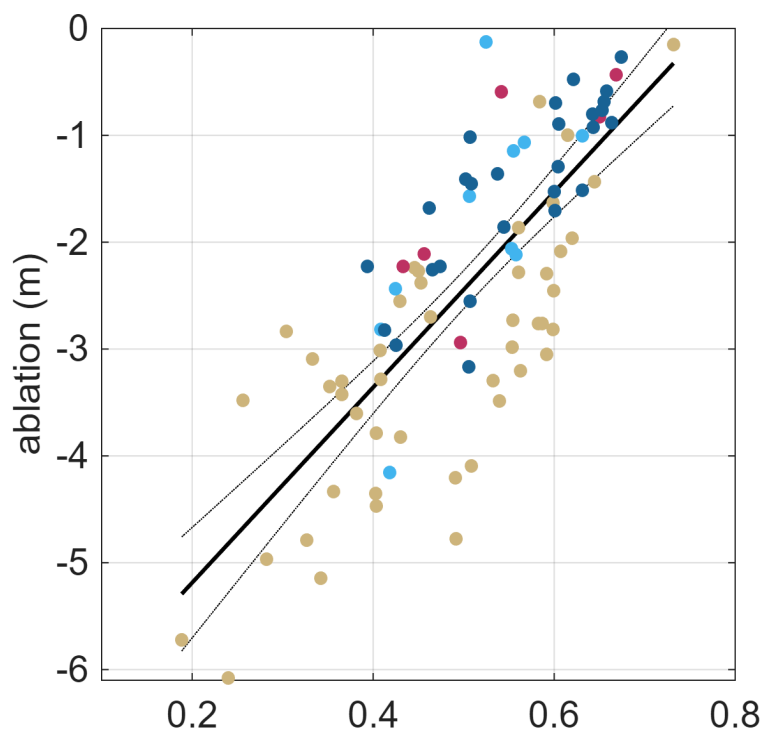


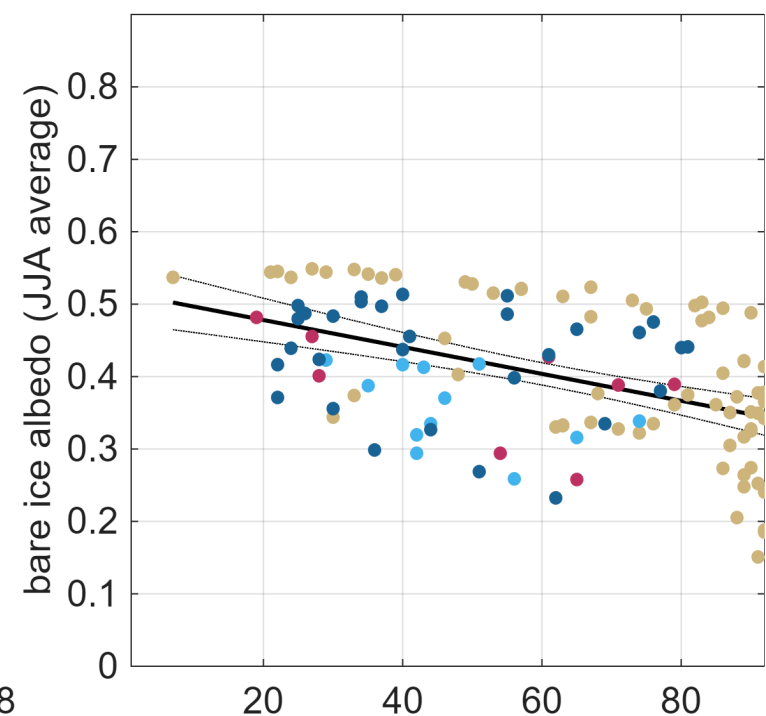
● G ● L ● M ● U



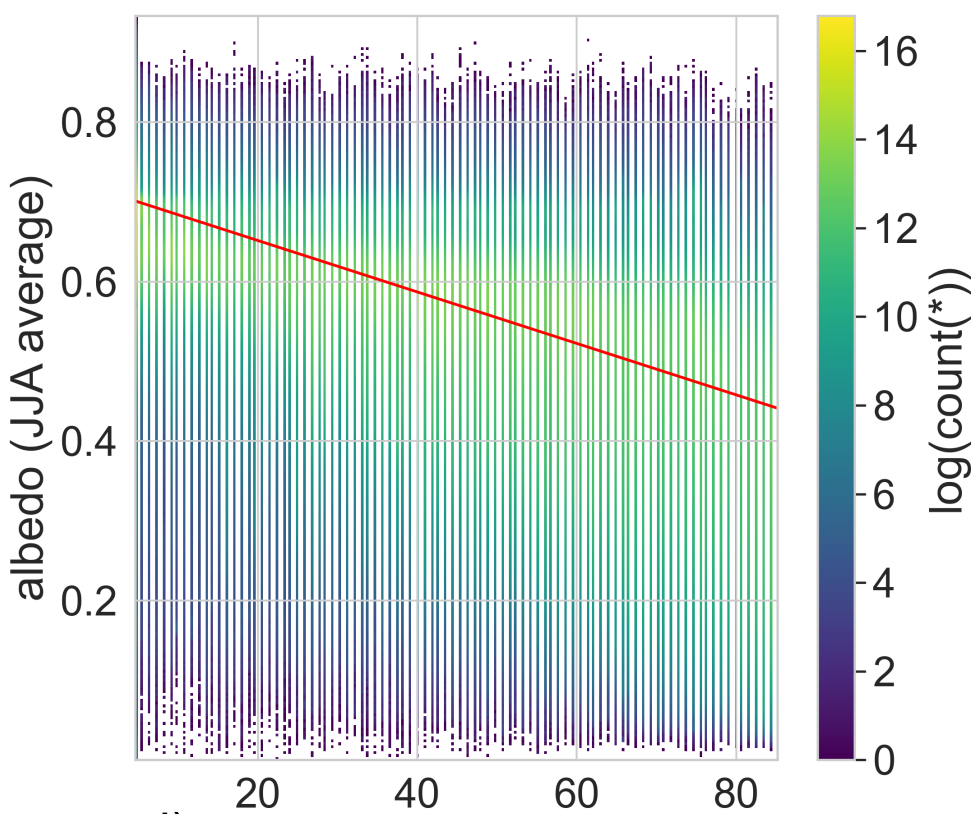
a) bare ice duration (days)
 $r^2:0.74$, $p\text{-value}<0.001$, $n:117$
 (AWS Data)



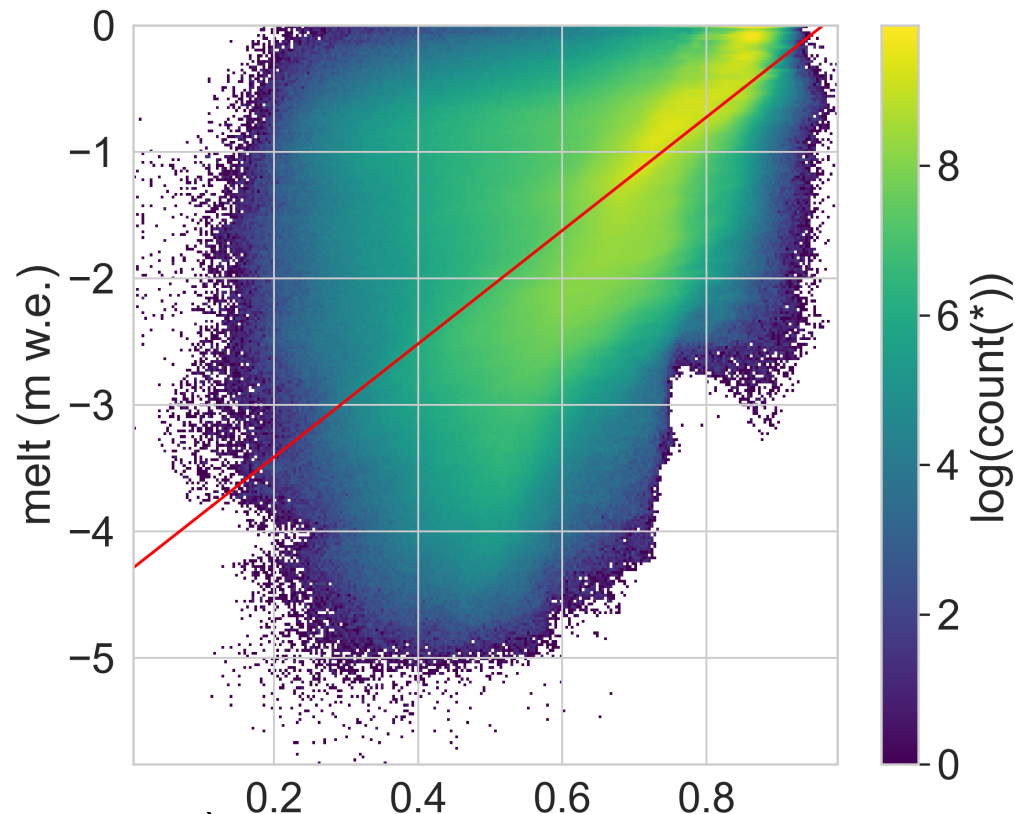
b) albedo (JJA average)
 $r^2:0.60$, $p\text{-value}<0.001$, $n:90$
 (AWS Data)



c) bare ice duration (days)
 $r^2:0.22$, $p\text{-value}<0.001$, $n:117$
 (AWS Data)



d) bare ice duration (days)
 $r^2:0.55$, $p\text{-value}<0.001$, $n:1,889,267,238$
 (HSA Data)



e) albedo (JJA average)
 $r^2:0.46$, $p\text{-value}<0.001$, $n:31,283,401$
 (Albedo: MOD10 and SICE; Melt: HIRHAM)