Figure S1. **Group 1**: Modeled probability of a fracture for Baudoin IS (a) and Rennik IS (b). Observed surface fractures are shown in black and observed non-fractured ice is marked with orange circles. Red polygons represent regions where high resolution images were available.
Figure S2. **Group 1**: Modelled probability of a fracture for West IS (a), Ekström IS (b), Filchner IS (c) and Stancomb-Brunt IS (d). Labels the same as Fig. S1.
Figure S3. Group 1 and 2: Modelled probability of a fracture for Larsen B IS (Nordenskjold coast) (a), Ninnis IS (b) and Abbot IS (c). Labels the same as Fig. S1.
Figure S4. Group 1 and 2: Modelled probability of a fracture for Borchgrevnik-Lazarev IS (a), Riiser-Larsen IS (b), Larsen C IS (c), Ronne IS, unsuccessful results (d). Labels the same as Fig. S1.
Figure S5. Group 2 and 4: Modelled probability of a fracture for Larsen C IS (a), Borchgrevnik IS (b), Larsen D IS (c) and Ross East IS (d). Labels the same as Fig. S1.
Figure S6. Group 1, 2 and 3: Modelled probability of a fracture for Nivl IS (a), Cook IS (b), Rennik IS (c and d). Labels the same as Fig. S1.
Figure S7. Group 1 and 2: Modelled probability of a fracture for Prince Harald IS (a), Jelbart and Atka IS (b), Wilkins and George VI IS (c) and Getz IS (d). Labels the same as Fig. S1.
Figure S8. Group 1: Modelled probability of a fracture for Stange and Ferringo IS (a), Nickerson and Sulzberger IS (b) and West IS (c). Labels the same as Fig. S1.