



Fig S1: Heat matrix to identify highest relative risk (HRR) species for the Hudson Bay Complex generated using CMIST. Species resulting in the highest CMIST score due to the combination of high values of likelihood of invasion and impact are included with names (Copi: *Chionoecetes opilio*; Pcam: *Paralithodes camtschaticus*; Aton: *Acartia tonsa*; Mare: *Mya arenaria*; Lit: *Littorina littorea*; Cfra: *Codium fragile* spp. *fragile*; Smut: *Sargassum muticum*; Alim: *Aurelia limbata*; Mlei: *Mnemiopsis leidyi*; Cmae: *Carcinus maenas*; Mvir: *Marenzelleria viridis*; Mmem: *Membranipora membranacea*; Gtig: *Gammarus tigrinus*; Upin: *Undaria pinnatifida*). CMIST scores have been adjusted for assessor certainty. Error bars represent upper and lower 95% confidence limits. Upper right quadrant represent the threshold used to consider the highest relative risk species (scores ≥ 2.0 in both Invasion and Impact).