Supplementary

S1 Shallow monthly climatology *P*-functions per site
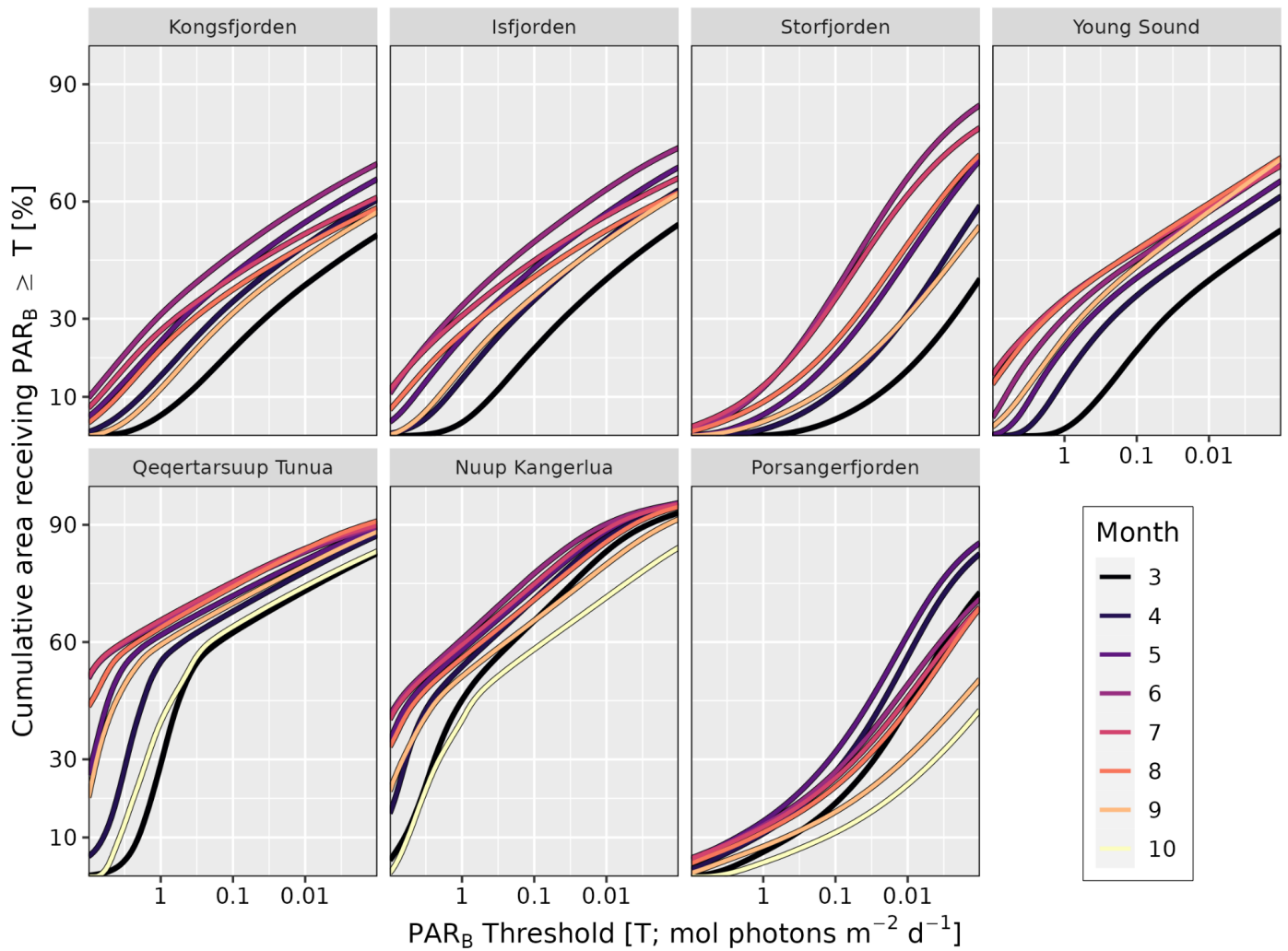
Figure S1: Shallow (i.e. depth ≤ 50 m) *P*-functions per site for the monthly climatology of bottom PAR (PAR_B). Otherwise the same as Fig. 5.

S2 Shallow yearly climatology *P*-functions per site
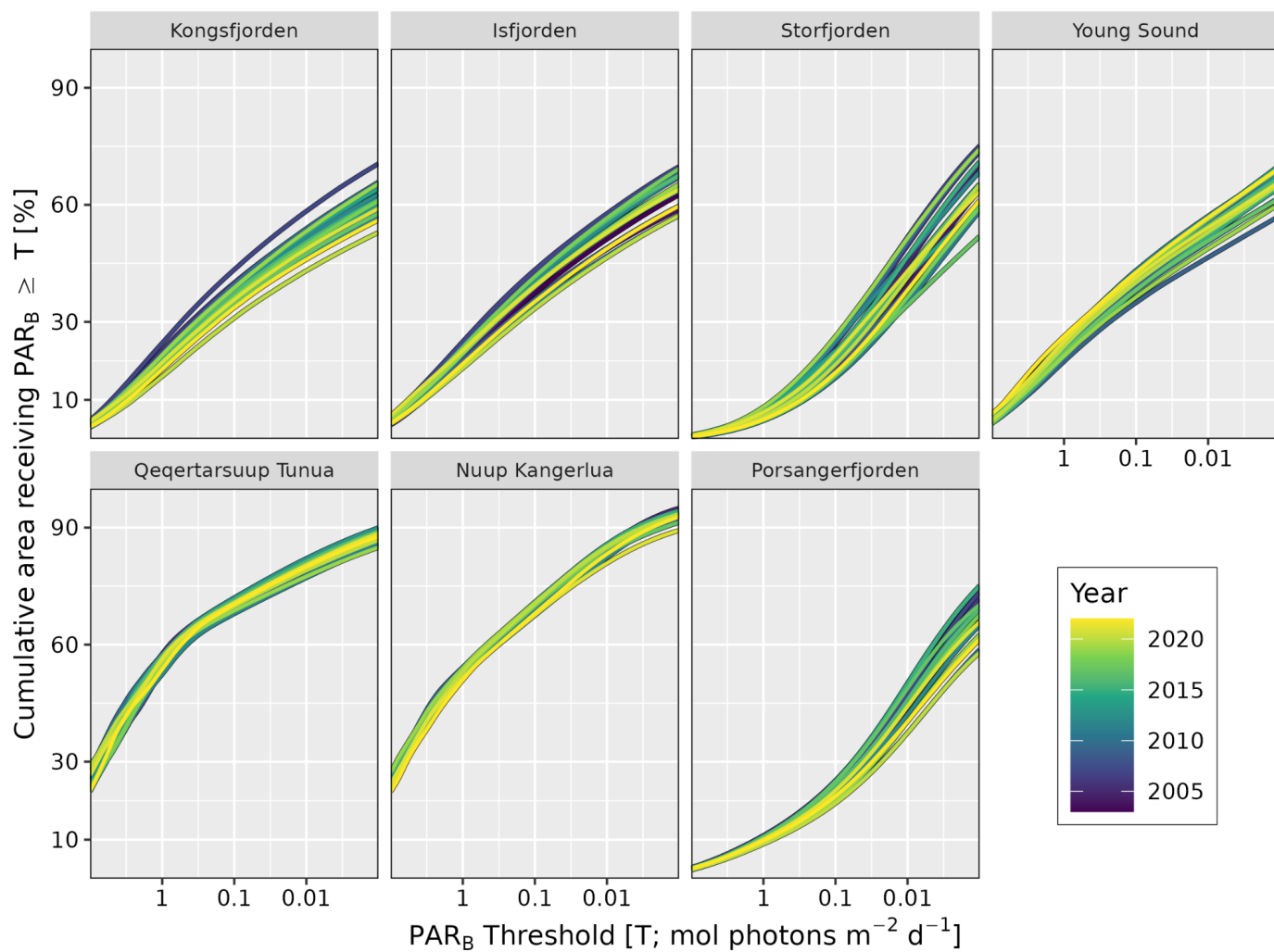
Figure S2: Shallow (i.e. depth <= 50 m) *P*-functions per site for annual average bottom PAR (PAR_B). Otherwise the same as Fig. 5.