

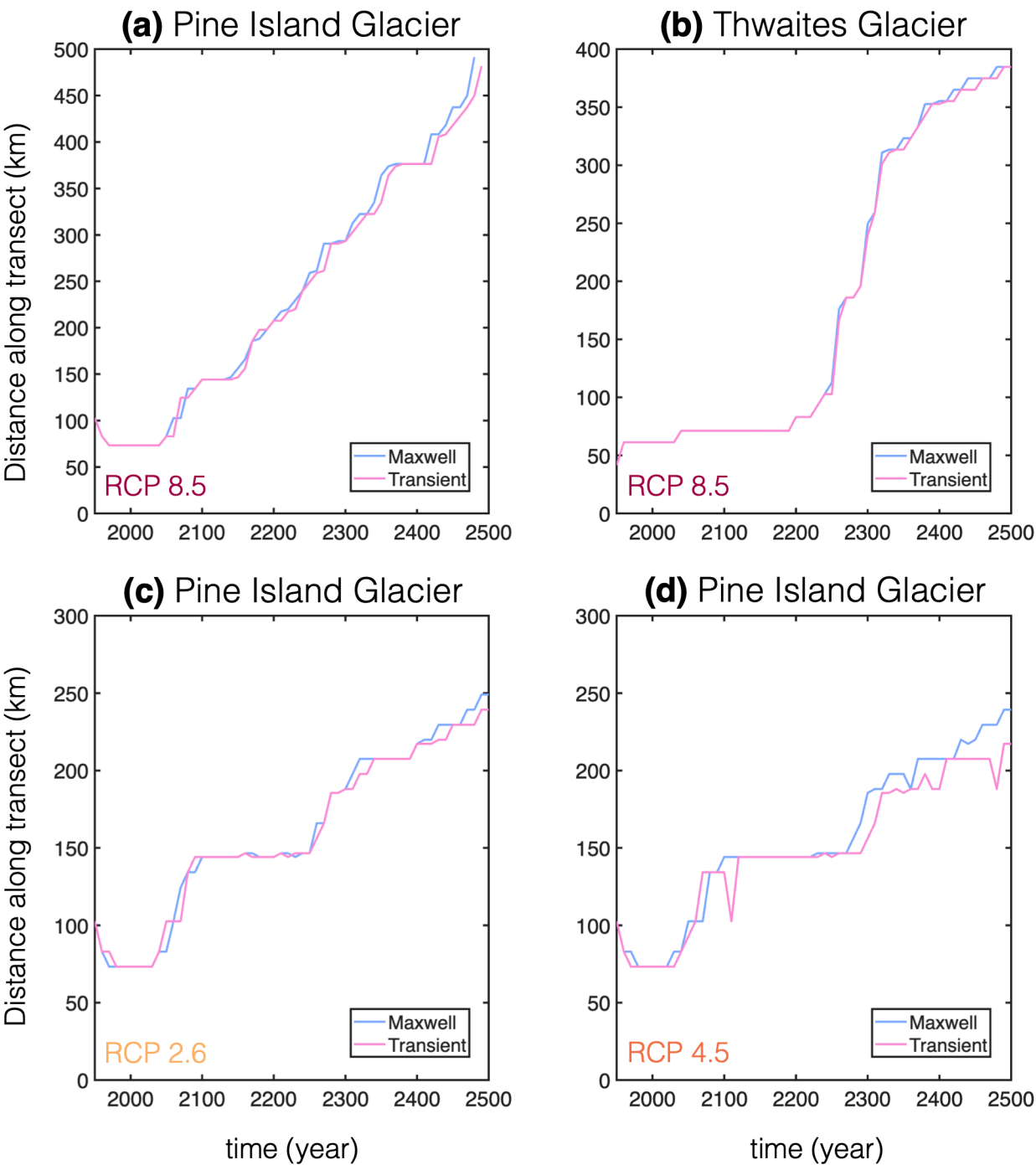


Figure S15. Grounding line migration (a),(b) Timeseries of Maxwell and transient model grounding line position along transect for Pine Island (a) and Thwaites glacier (b) under RCP 8.5 (corresponds to Figure 3 from the Main Text). **(c),(d)** Timeseries of Maxwell and transient model grounding line position along Pine Island transect for Pine Island under RCP 2.6 (c) and RCP 4.5 (d), corresponding to Figure 4 from the Main Text.

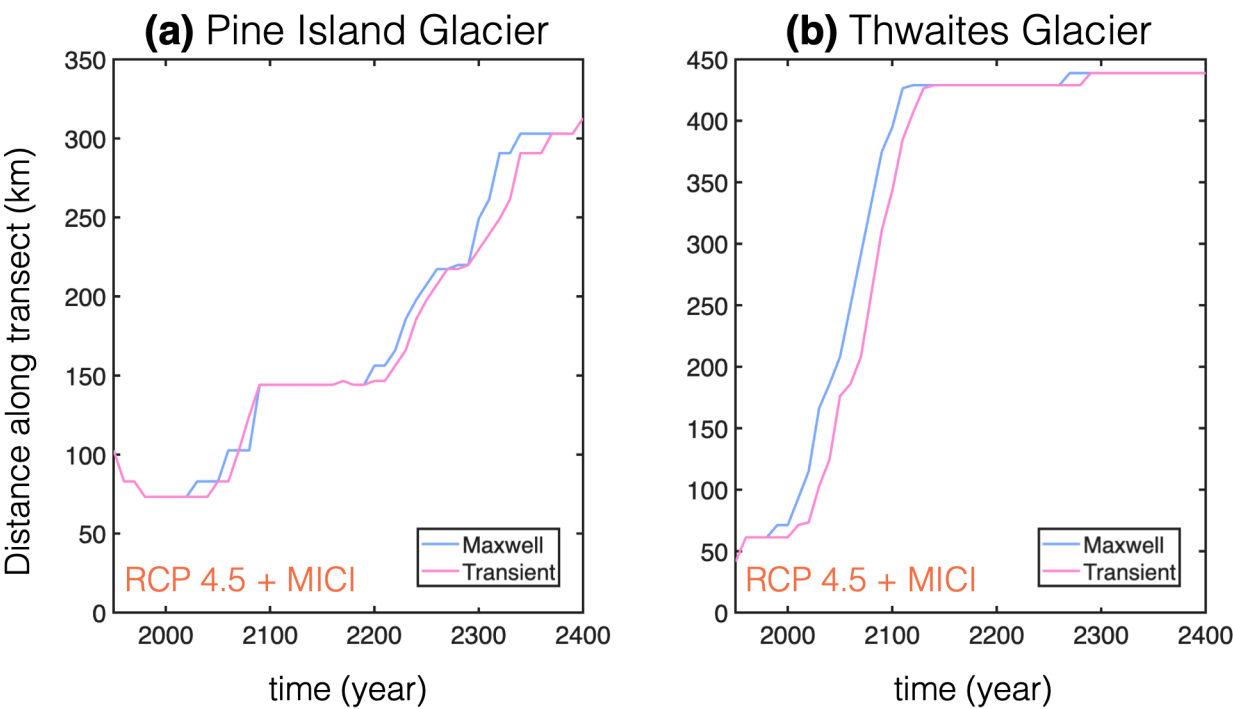


Figure S16. Grounding line migration including MICI (a),(b) Timeseries of Maxwell and transient model grounding line position along transects for Pine Island (a) and Thwaites glacier under RCP 4.5, including the MICI (corresponds to Figure 7 from the Main Text).