



Fig. 2: Scatter plots between the climatological means of SIT (y-axis) and SIA (x-axis) for CMIP6 models and Observations for the period (2002-2014) for February (red) and September (blue). The line of best fit represents the relationship between the two variables for selected months. Each small dot represents a model while the larger dots represent observations (E- CS2 and NSIDC for SIT and SIA, respectively). The figure clearly demonstrates seasonal variations in magnitudes of both the variables. Scale: million km^2