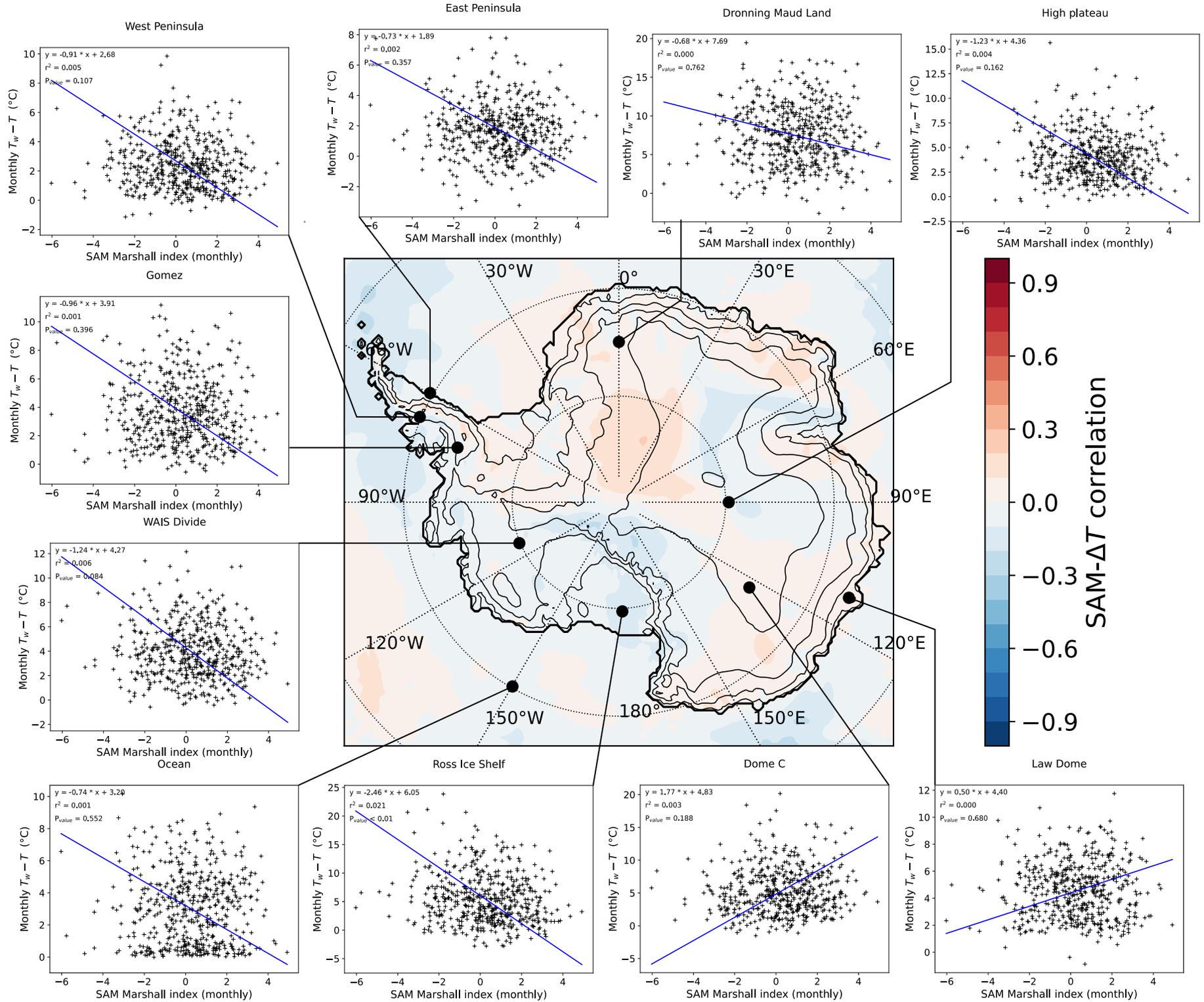


Supporting Figure 1, Reply to Review #2:

Scatter-plots and correlation values for monthly SAM index and monthly temperature anomalies, at ten sites described in the manuscript. Most sites show a weak negative correlation with SAM index, except for the Peninsula sites (including Gomez) where no correlation to weak positive correlation was found.

SOURCE for SAM monthly index:
<https://legacy.bas.ac.uk/met/gjma/sam.html> [accessed 2023-10-13]



Supporting Figure 2, Reply to Review #2:

Scatter-plots and correlation values for monthly SAM index and monthly snowfall-weighted minus average temperature, at ten sites described in the manuscript. Most sites show no correlation with SAM index, suggesting that SAM does not directly affect the snowfall-weighting difference of temperature averaging.

SOURCE for SAM monthly index:

<https://legacy.bas.ac.uk/met/gjma/sam.html> [accessed 2023-10-13]