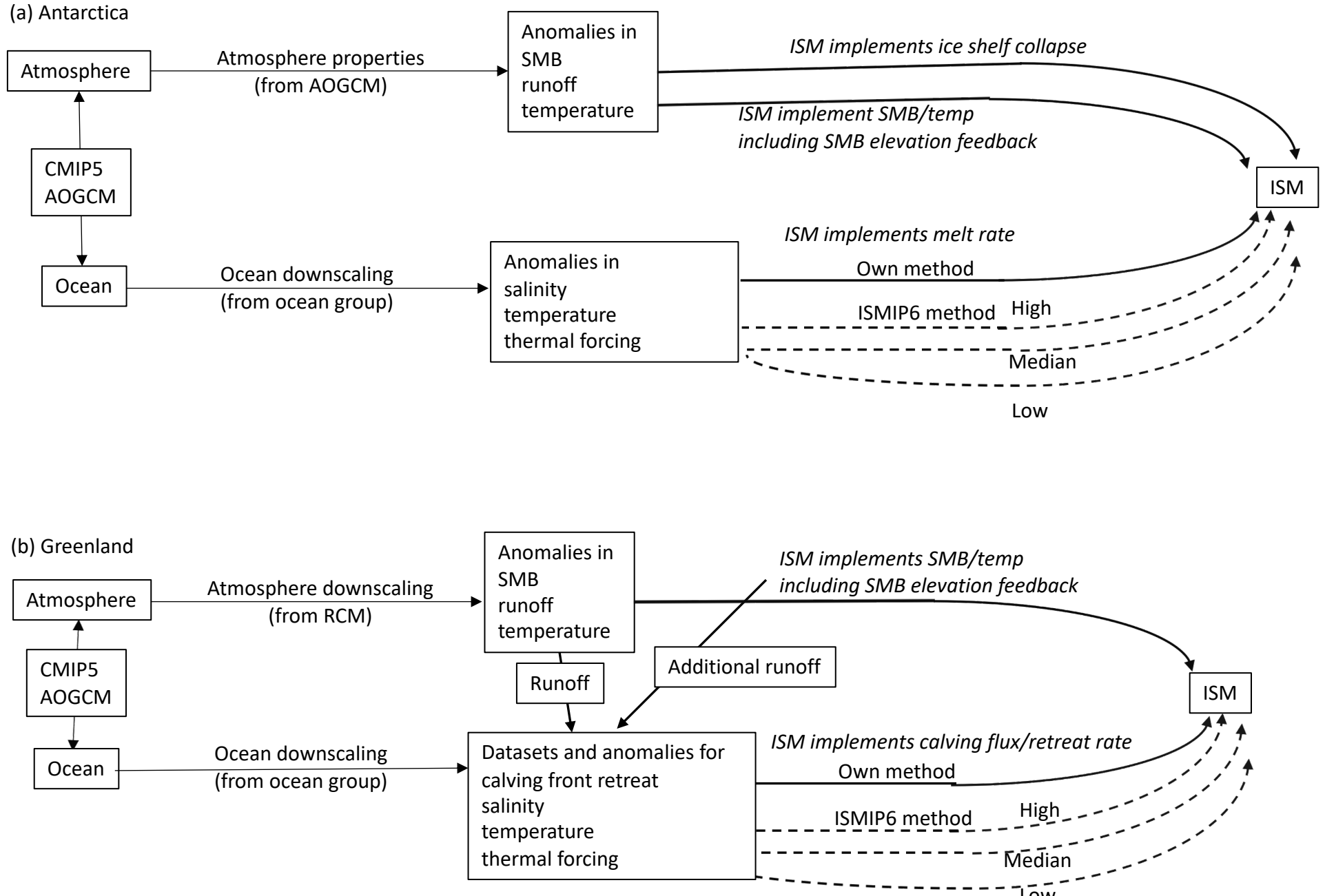
(a) Antarctica
Atmosphere
Atmosphere properties
(from AOGCM)
Anomalies in
SMB
runoff
temperature
ISM implements ice shelf collapse
ISM implement SMB/temp
including SMB elevation feedback
CMIP5
AOGCM
ISM
Ocean
Ocean downscaling
(from ocean group)
Anomalies in
salinity
temperature
thermal forcing
ISM implements melt rate
Own method
ISMIP6 method
High
Median
Low
(b) Greenland
Atmosphere
Atmosphere downscaling
(from RCM)
Anomalies in
SMB
runoff
temperature
ISM implements SMB/temp
including SMB elevation feedback
CMIP5
AOGCM
Runoff
Additional runoff
ISM
Ocean
Ocean downscaling
(from ocean group)
Datasets and anomalies for
calving front retreat
salinity
temperature
thermal forcing
ISM implements calving flux/retreat rate
Own method
ISMIP6 method
High
Median
Low