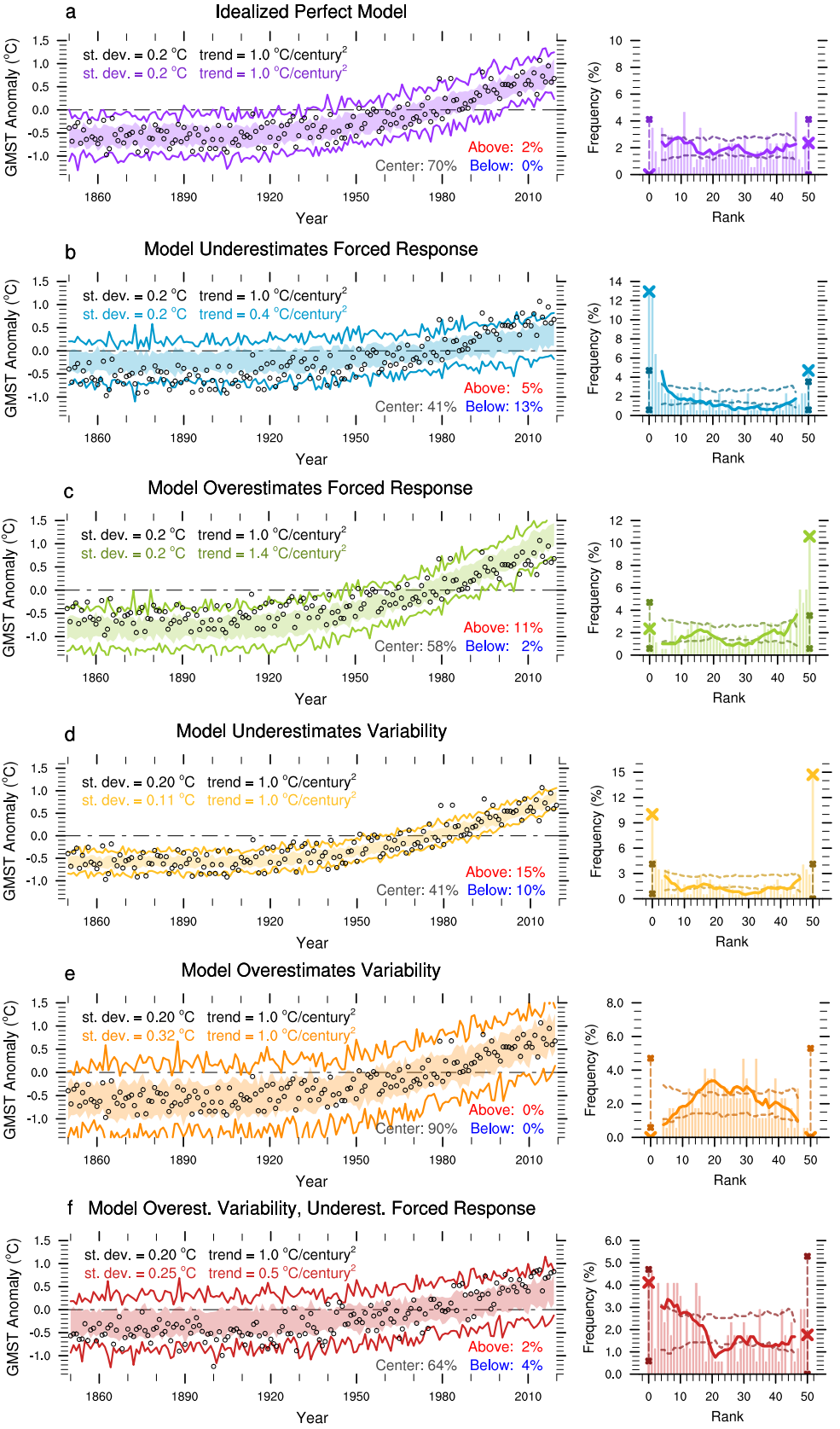
a
Idealized Perfect Model
st. dev. = 0.2 °C trend = 1.0 °C/century²
st. dev. = 0.2 °C trend = 1.0 °C/century²
Above: 2%
Center: 70% Below: 0%
b
Model Underestimates Forced Response
st. dev. = 0.2 °C trend = 1.0 °C/century²
st. dev. = 0.2 °C trend = 0.4 °C/century²
Above: 5%
Center: 41% Below: 13%
c
Model Overestimates Forced Response
st. dev. = 0.2 °C trend = 1.0 °C/century²
st. dev. = 0.2 °C trend = 1.4 °C/century²
Above: 11%
Center: 58% Below: 2%
d
Model Underestimates Variability
st. dev. = 0.20 °C trend = 1.0 °C/century²
st. dev. = 0.11 °C trend = 1.0 °C/century²
Above: 15%
Center: 41% Below: 10%
e
Model Overestimates Variability
st. dev. = 0.20 °C trend = 1.0 °C/century²
st. dev. = 0.32 °C trend = 1.0 °C/century²
Above: 0%
Center: 90% Below: 0%
f
Model Overest. Variability, Underest. Forced Response
st. dev. = 0.20 °C trend = 1.0 °C/century²
st. dev. = 0.25 °C trend = 0.5 °C/century²
Above: 2%
Center: 64% Below: 4%
GMST Anomaly (°C)
Year
Frequency (%)
Rank