EXPERIMENT **SIMPLETEMP**
- linear temperature profile
- reference salinity profile

First-year ice | Multiyear ice

(a) Mean abs diff 2.2±5.8 K
(b) Mean abs diff 1.2±1.3 K
(c) Mean abs diff 14.9±23.8 K
(d) Mean abs diff 10.7±21.3 K

Cold conditions
Warm conditions

Brightness temperatures simulated based on simplified profiles [K]

Reference brightness temperatures [K]