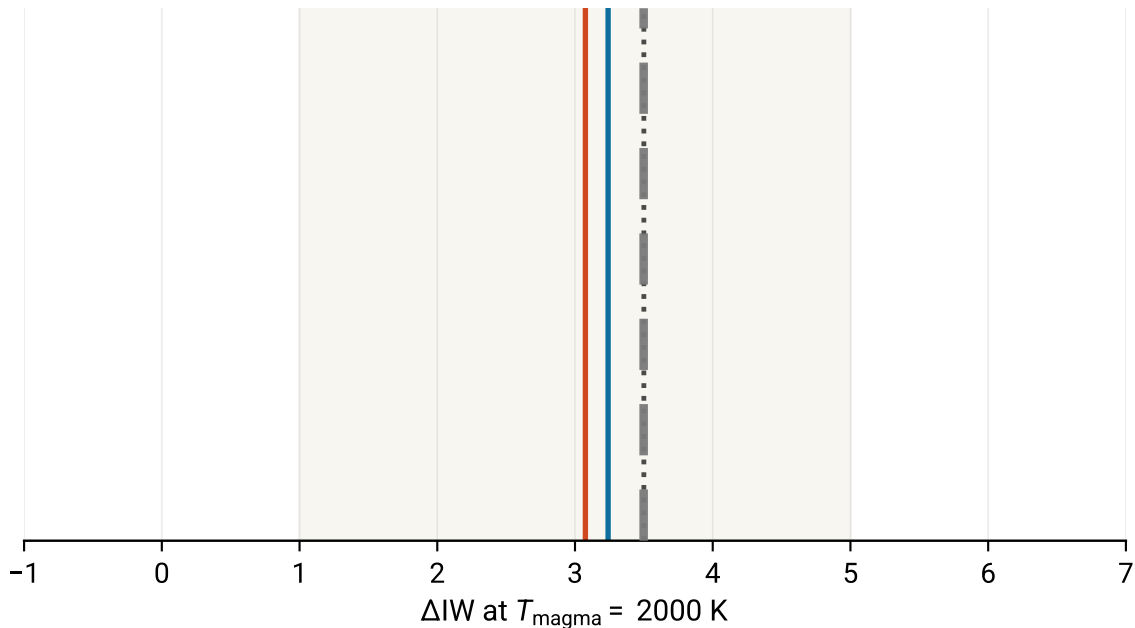


Earth fiducial: both backends vs. the empirical mantle-fO₂ range



- Frost & McCammon 2008 Earth-mantle range
- Sossi 2020 upper-mantle anchor: $\Delta IW = +3.50$
- CALLIOPE (Fischer, default): $\Delta IW = +3.24$
- CALLIOPE (O'Neill, legacy): $\Delta IW = +3.50$
- atmodeller: $\Delta IW = +3.08$