Error diagnostics

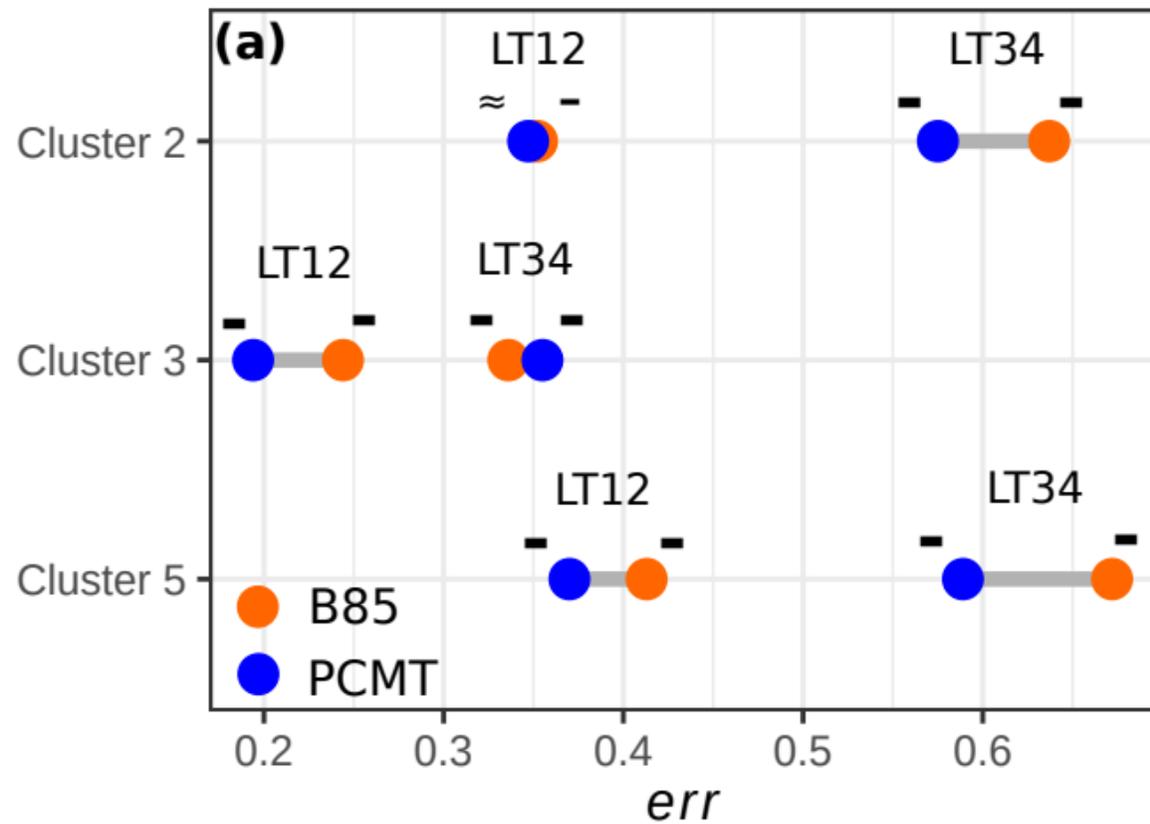*A* component

Error diagnostics

S component