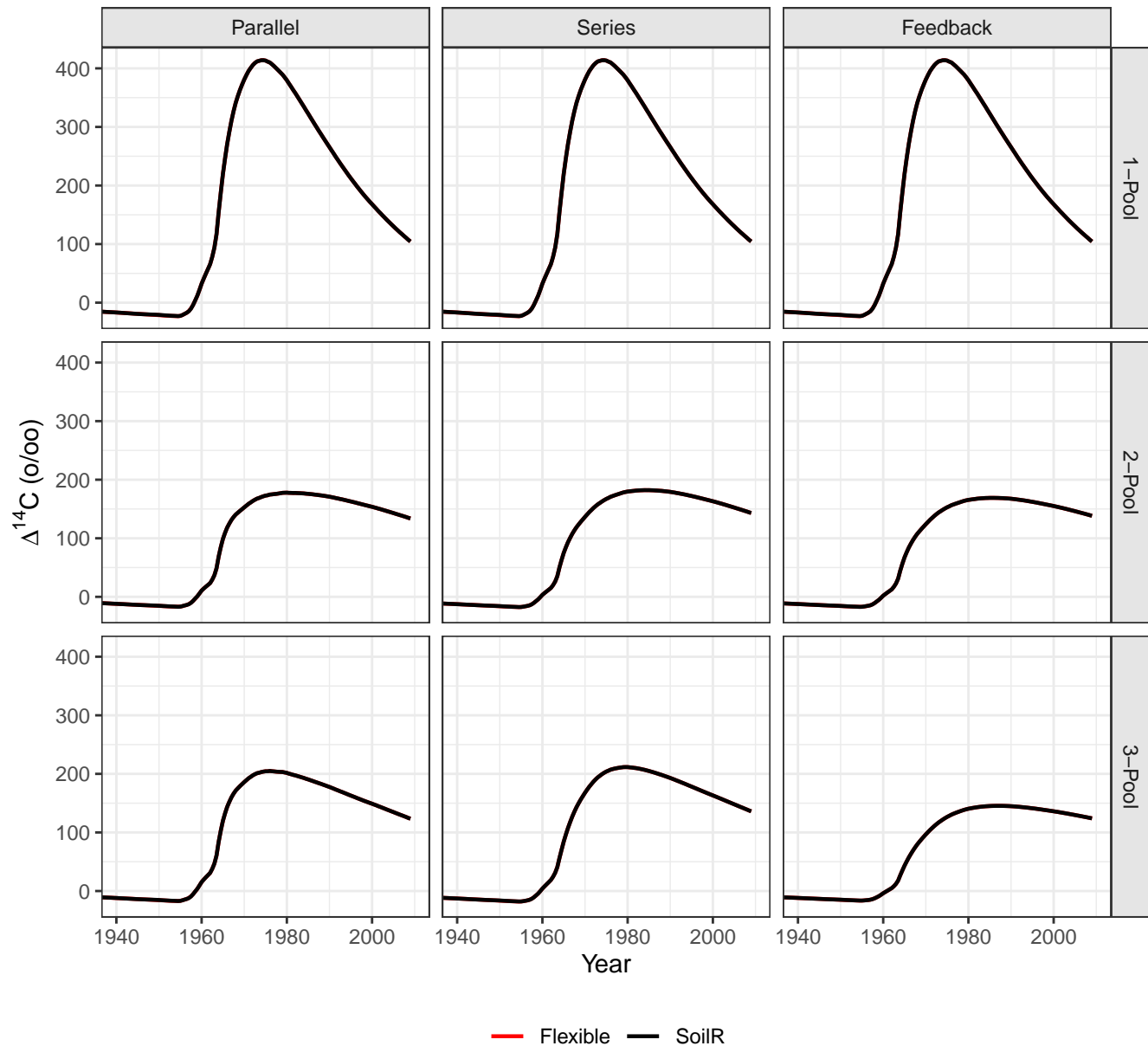


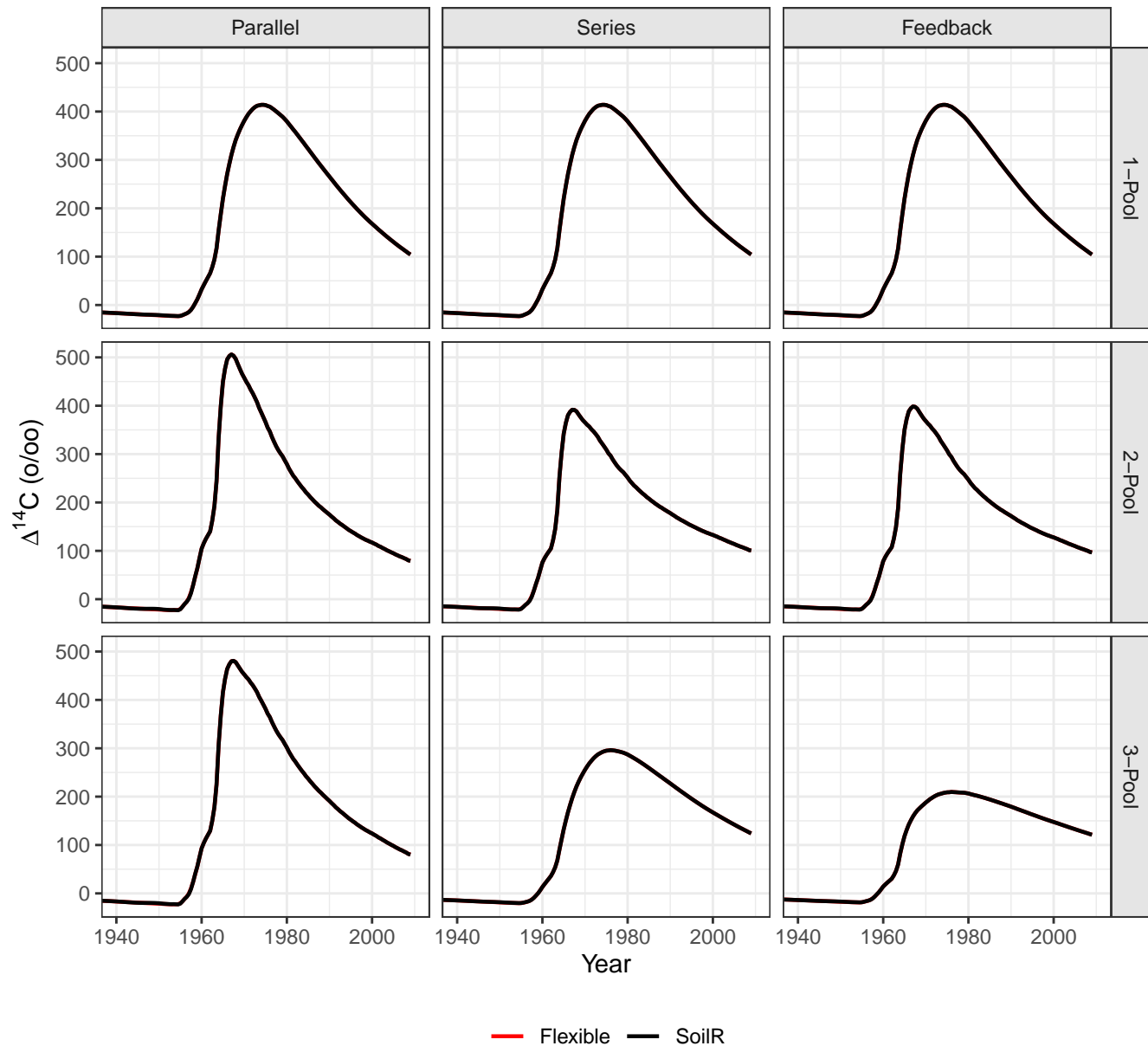
# Bulk SOM Validation: Flexible Framework vs SoilR

Black (SoilR) overlaid by red (Flexible) – close match = validation success

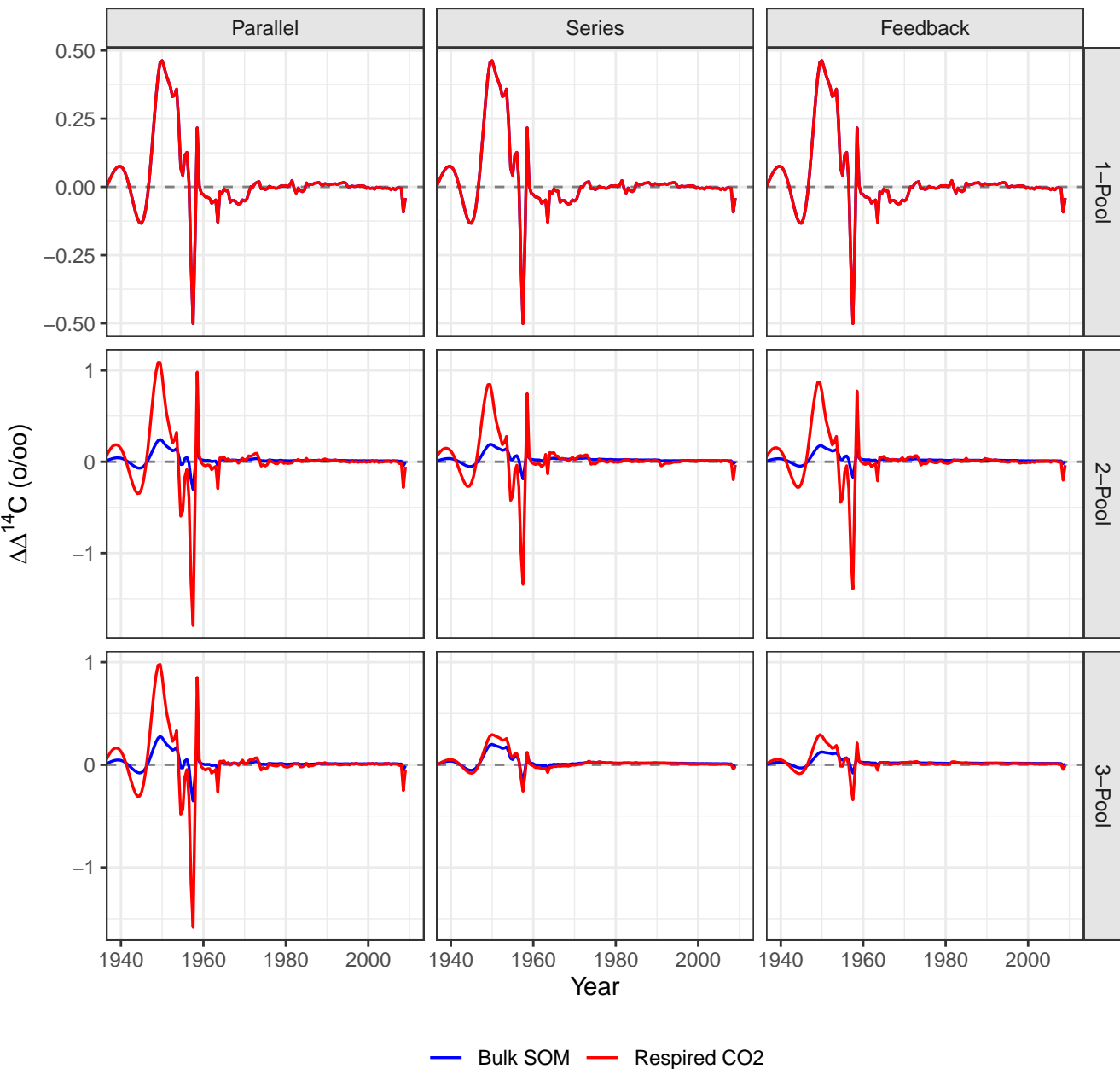


# Respired CO2 Validation: Flexible Framework vs SoilR

Black (SoilR) overlaid by red (Flexible)



# Differences: SoilR minus Flexible Framework

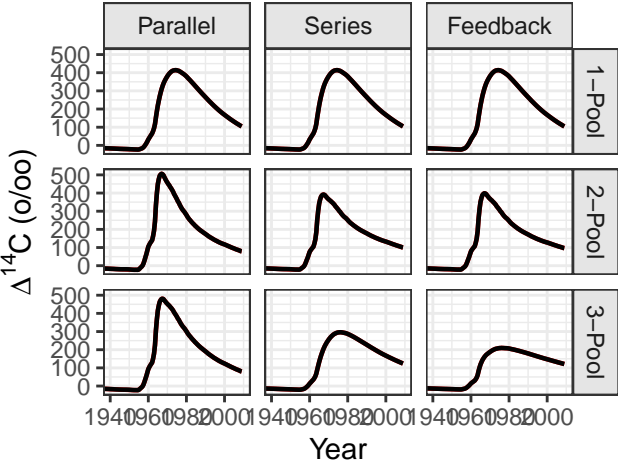
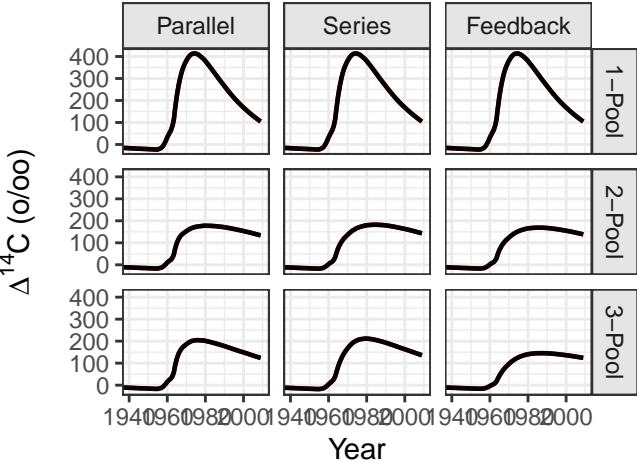


# Flexible Pool Framework: Comprehensive Validation

9 configurations validated against SoilR reference implementations

Bulk SOM Validation: Flexible Framework Respired CO2 Validation: Flexible Framework

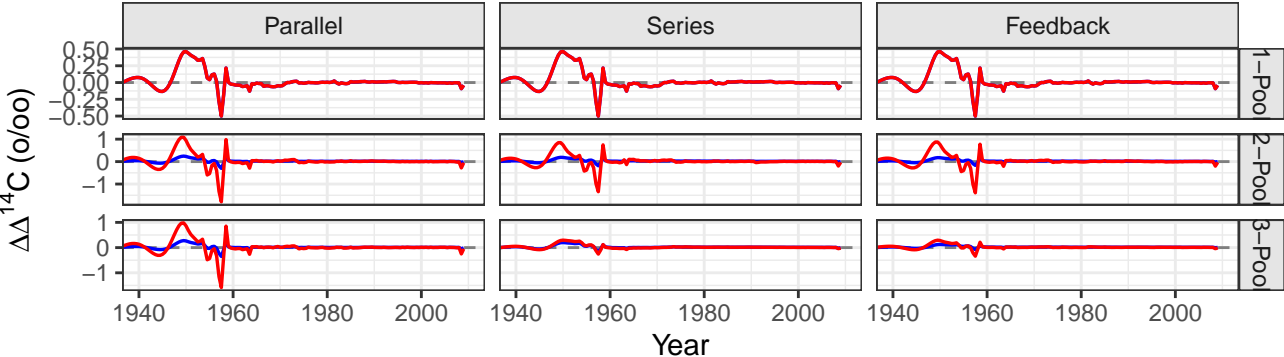
Black (SoilR) overlaid by red (Flexible) – close match Black (SoilR) overlaid by red (Flexible)



Flexible SoilR

Flexible SoilR

## Differences: SoilR minus Flexible Framework



Bulk SOM Respired CO2