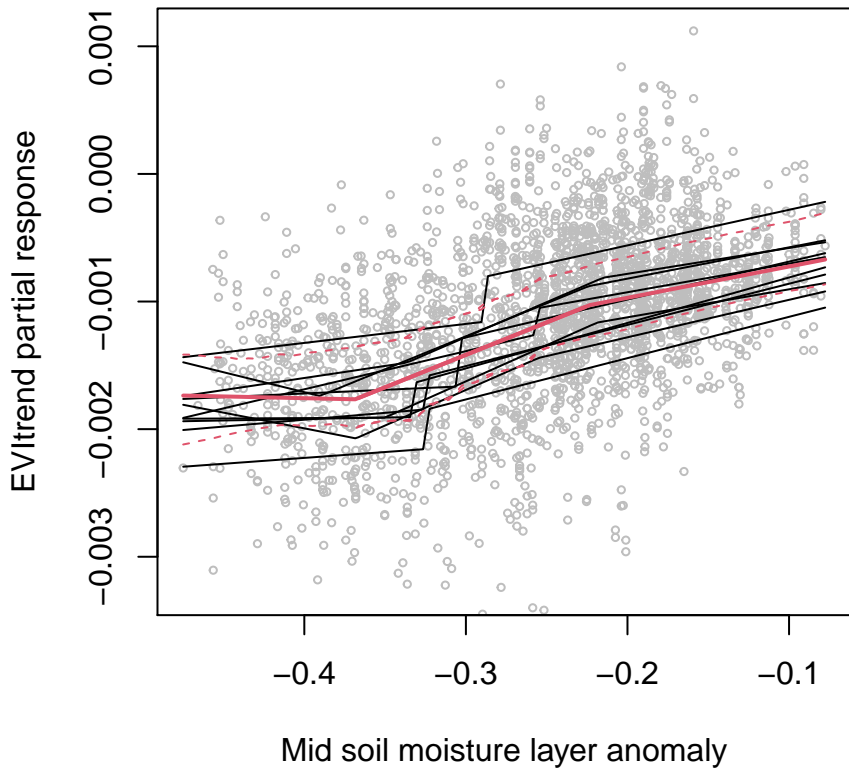**3−phase Model Fit**

Step Model Fit

EVItrend partial response

Mid soil moisture layer anomaly