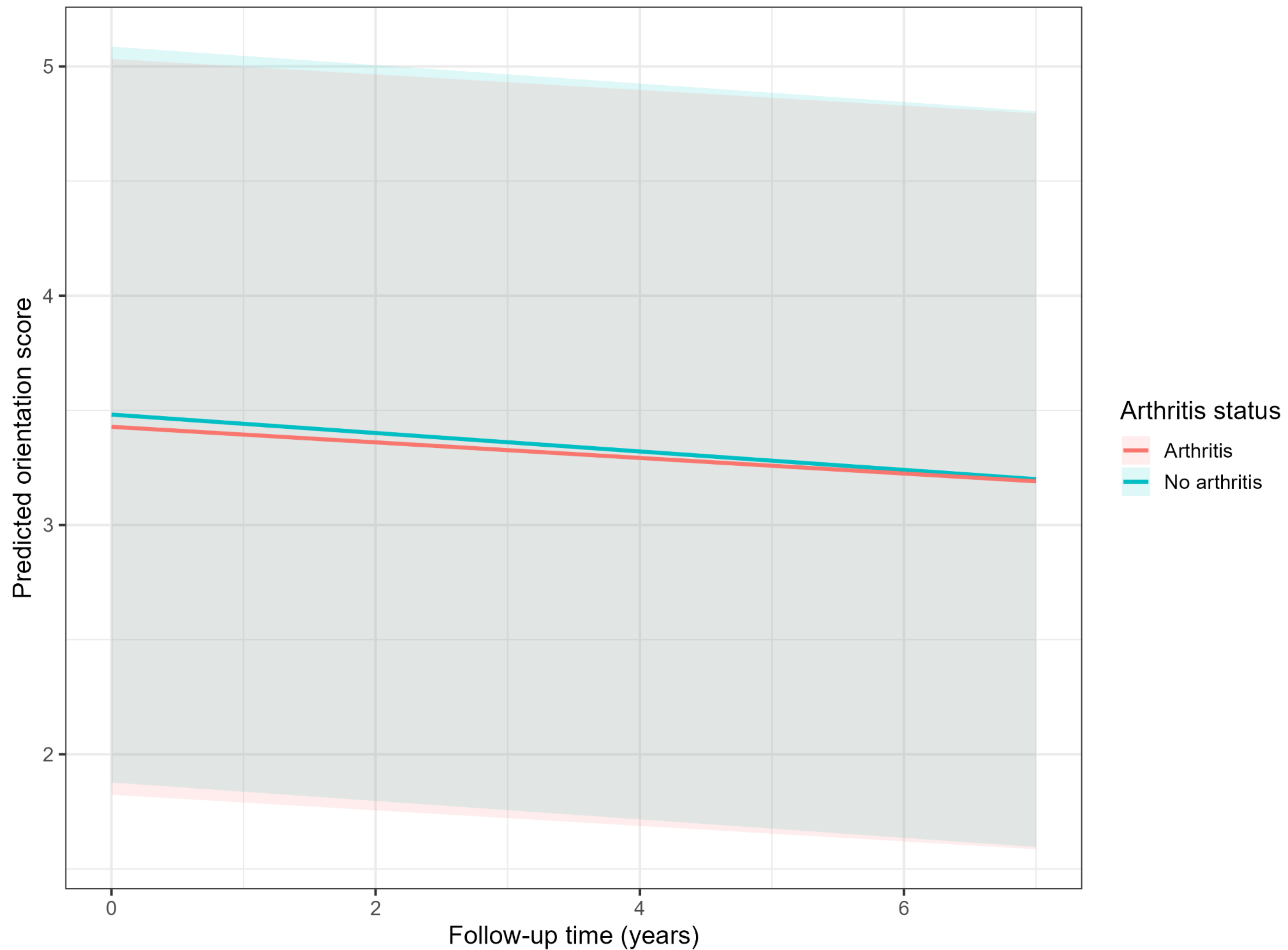


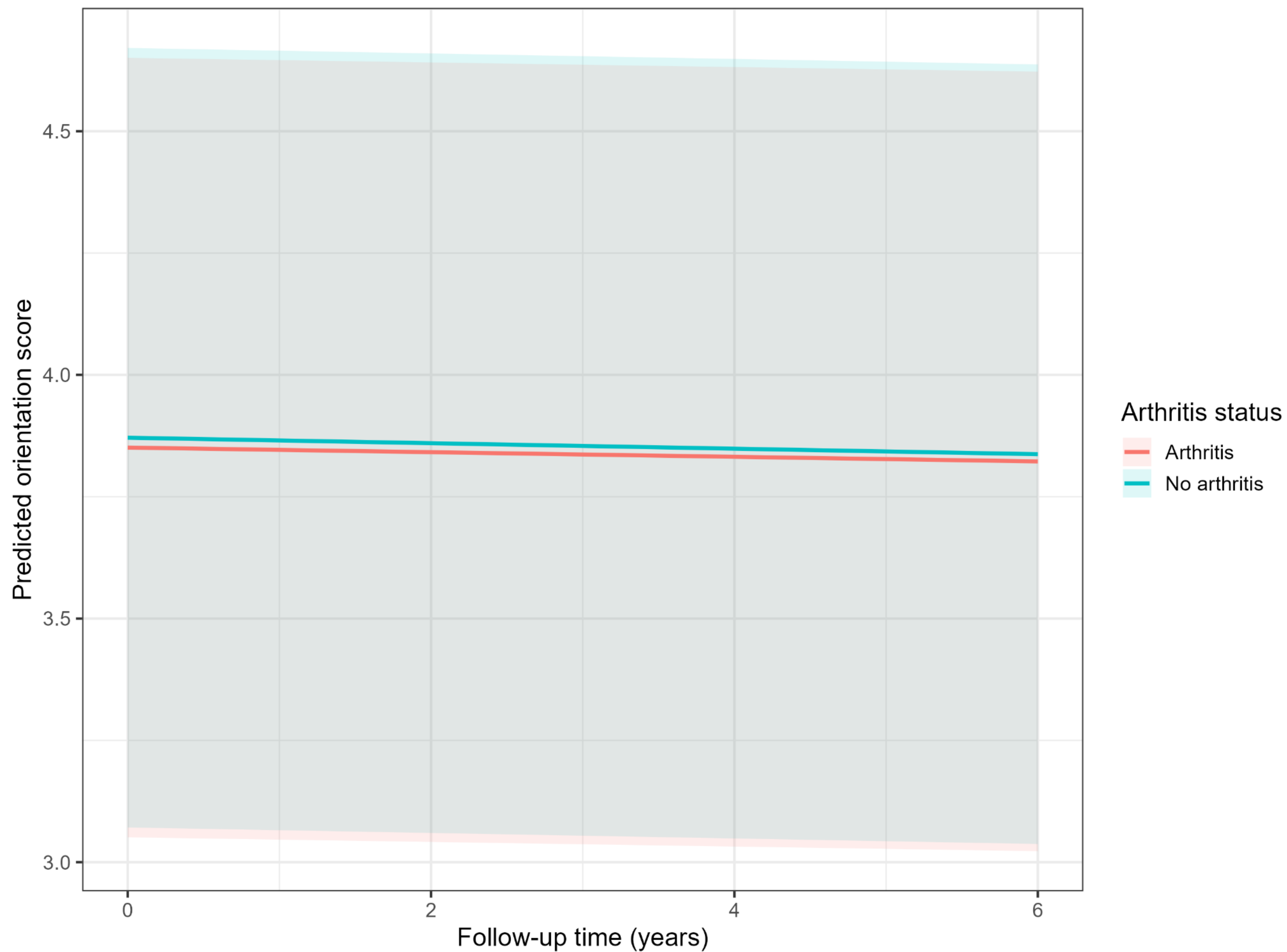
Predicted trajectories of orientation score by arthritis status (CHARLS)

Shaded bands represent approximate 95% prediction intervals



Predicted trajectories of orientation score by arthritis status (ELSA)

Shaded bands represent approximate 95% prediction intervals



Predicted trajectories of orientation score by arthritis status (HRS)

Shaded bands represent approximate 95% prediction intervals

