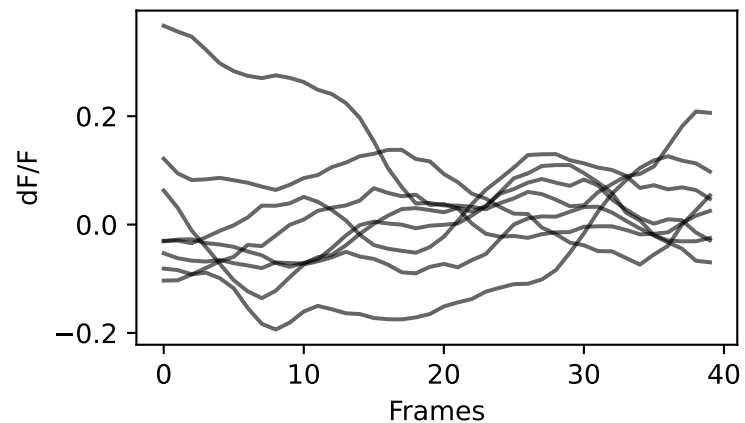
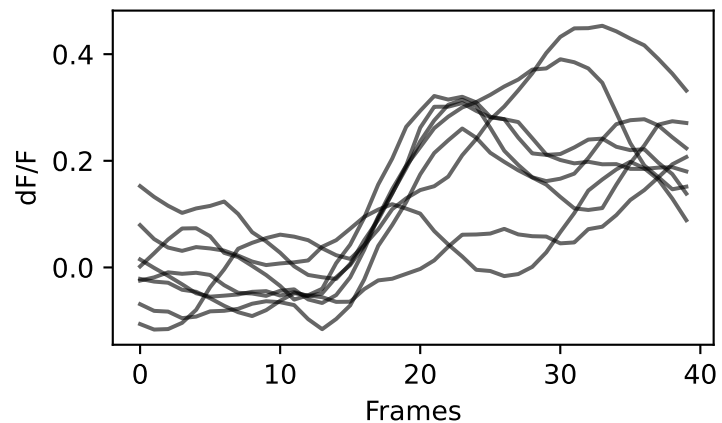


# Config 23, ROI 21

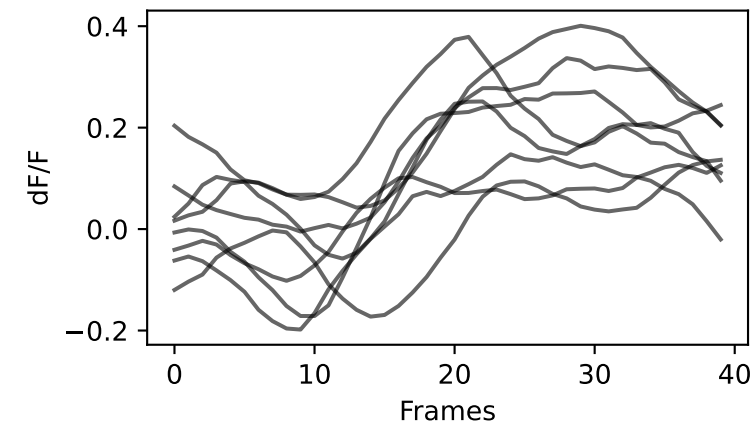
Session 1



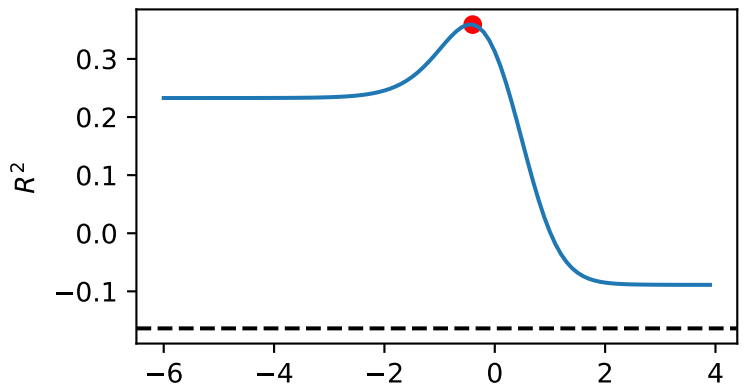
Session 2



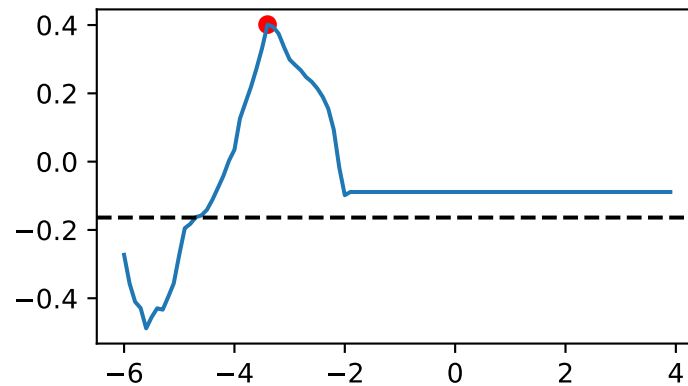
Session 3



Ridge  $R^2$

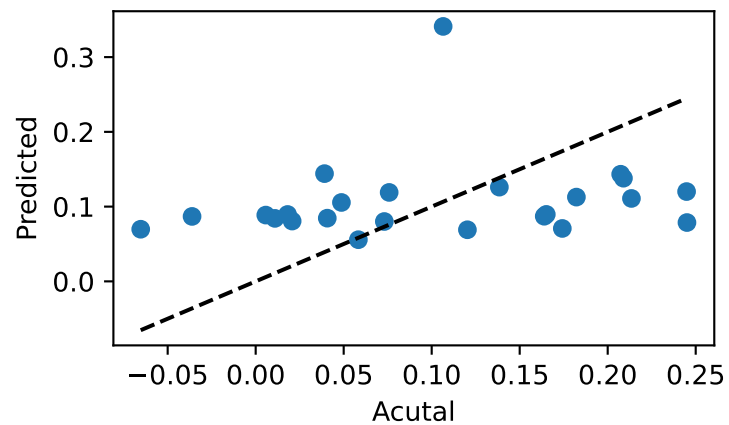


Lasso  $R^2$

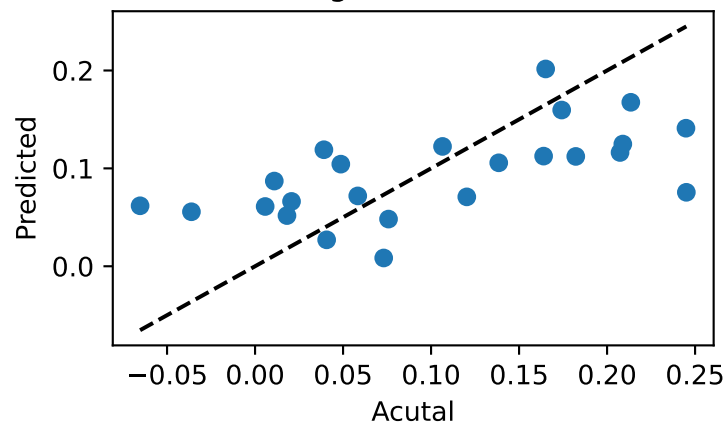


Lin 1-1  $R^2 = -0.16$   
 Ridge  $R^2 = 0.36$   
 Lasso  $R^2 = 0.40$

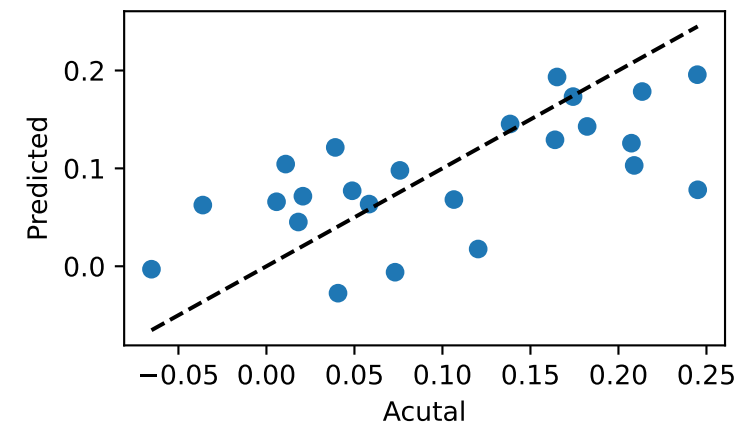
Lin 1-1



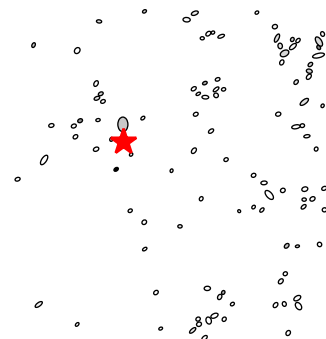
Ridge  $\alpha=4.0\text{e-}01$



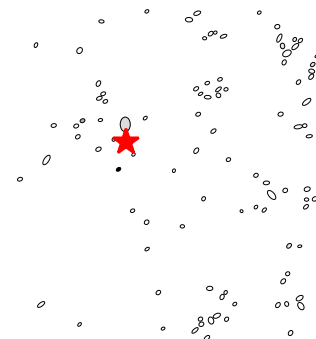
Lasso  $\alpha=4.0\text{e-}04$



Ridge ROI Weights

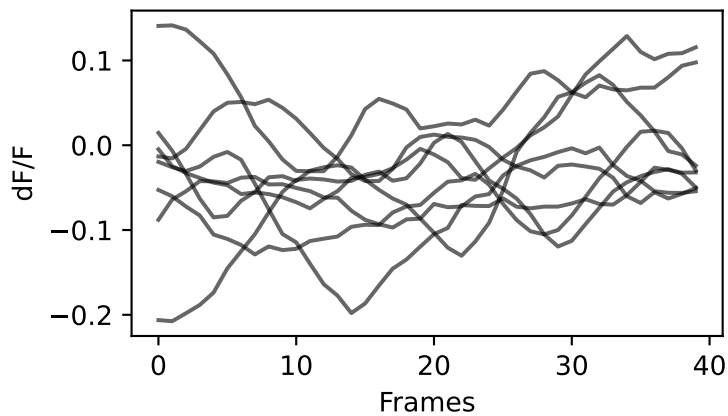


Lasso ROI Weights

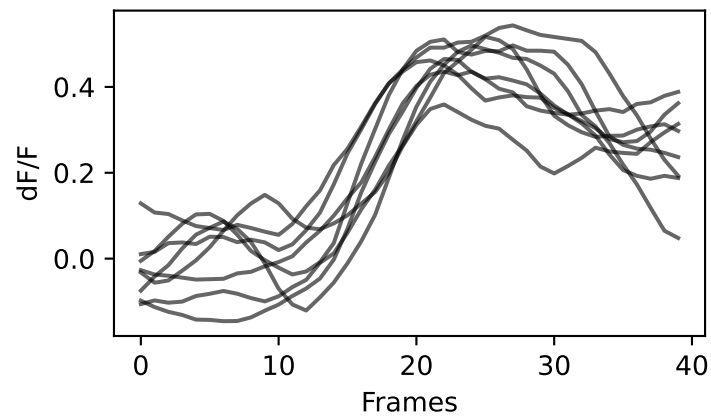


# Config 24, ROI 21

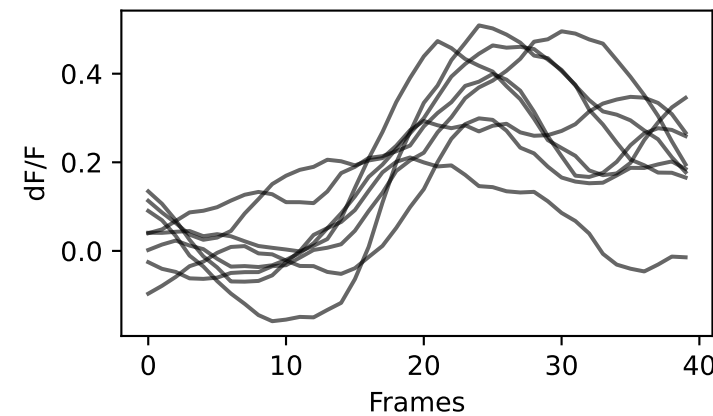
Session 1



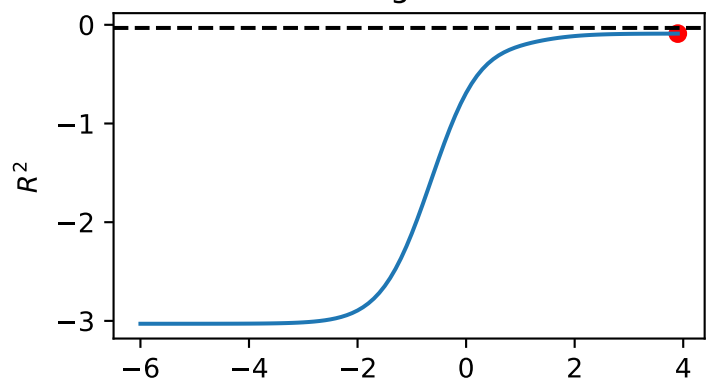
Session 2



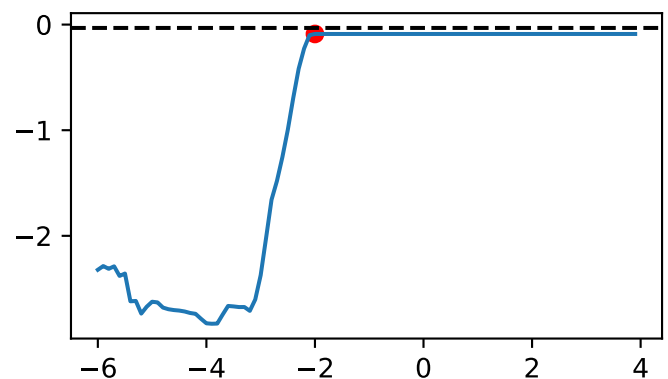
Session 3



Ridge  $R^2$

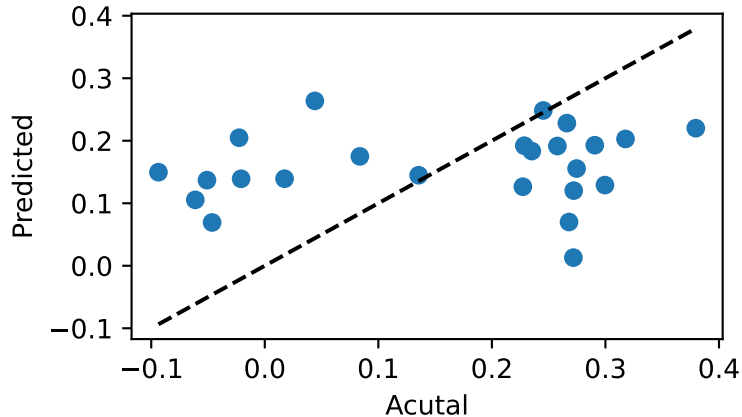


Lasso  $R^2$

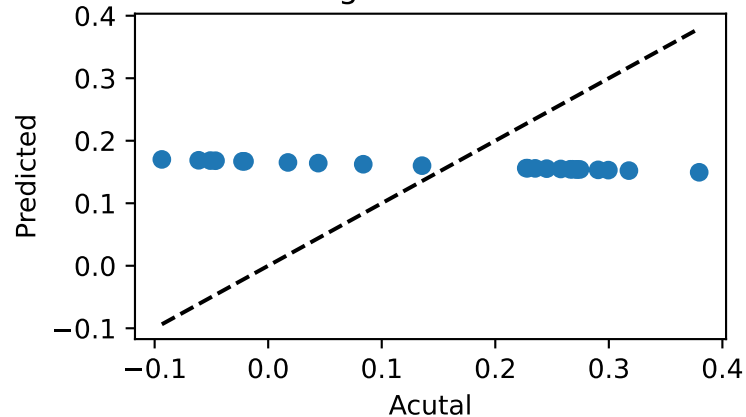


Lin 1-1  $R^2 = -0.03$   
Ridge  $R^2 = -0.09$   
Lasso  $R^2 = -0.09$

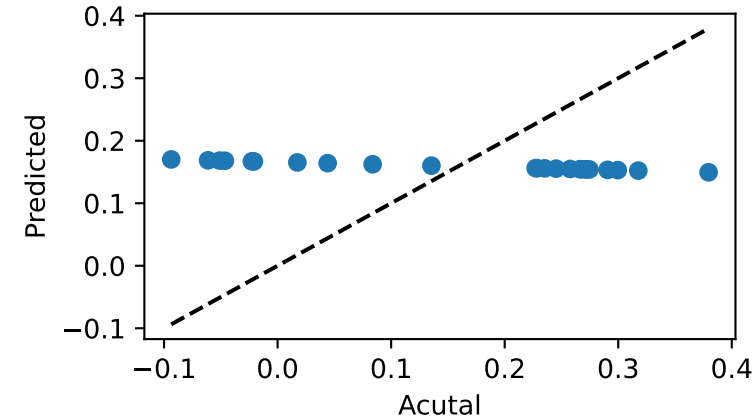
Lin 1-1



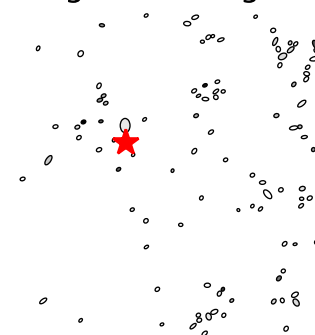
Ridge  $\alpha=7.9e+03$



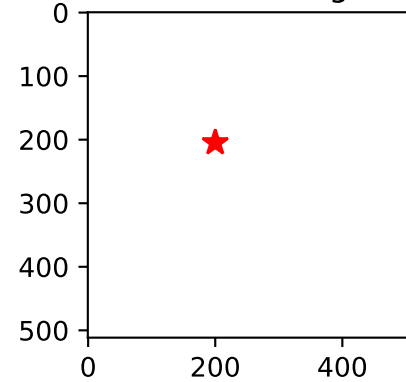
Lasso  $\alpha=1.0e-02$



Ridge ROI Weights

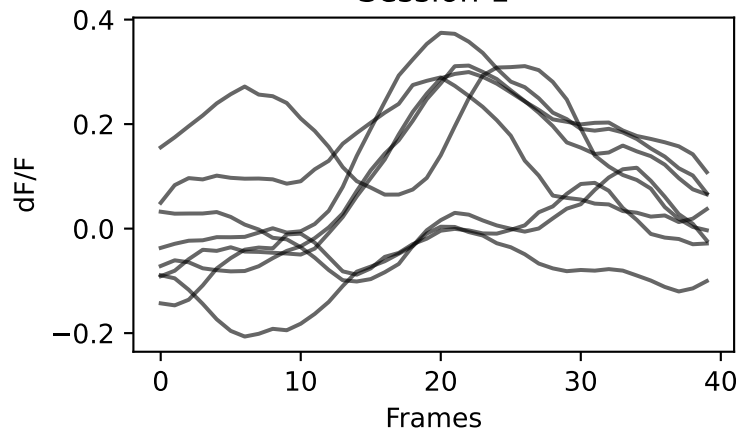


Lasso ROI Weights

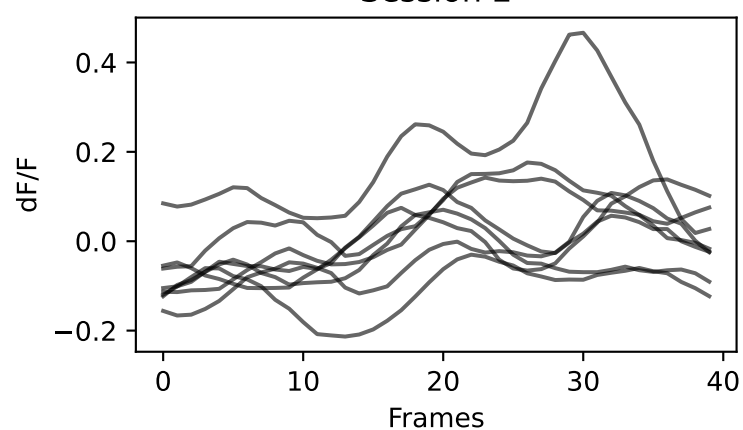


# Config 3, ROI 22

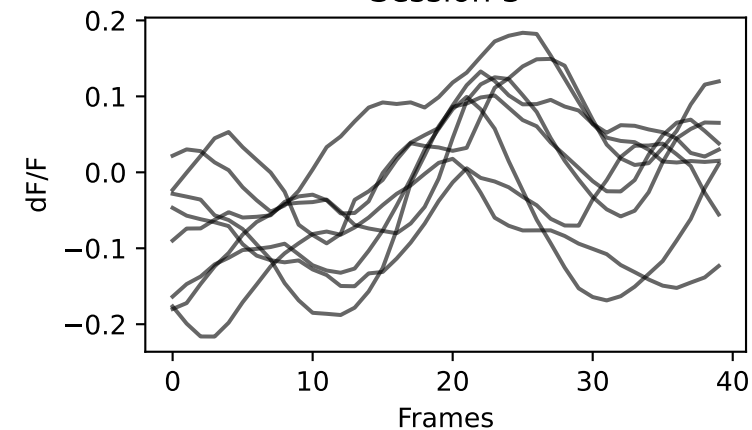
Session 1



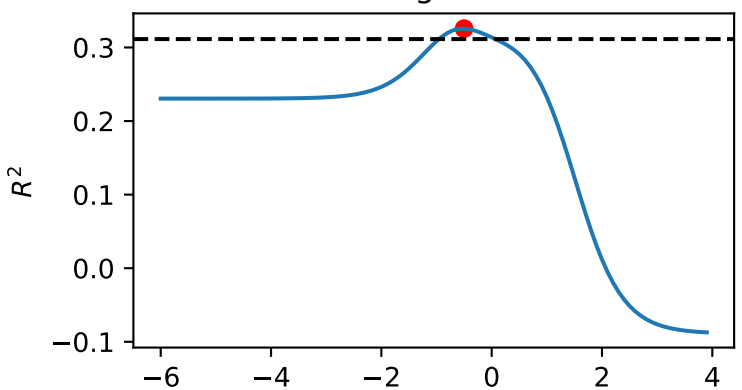
Session 2



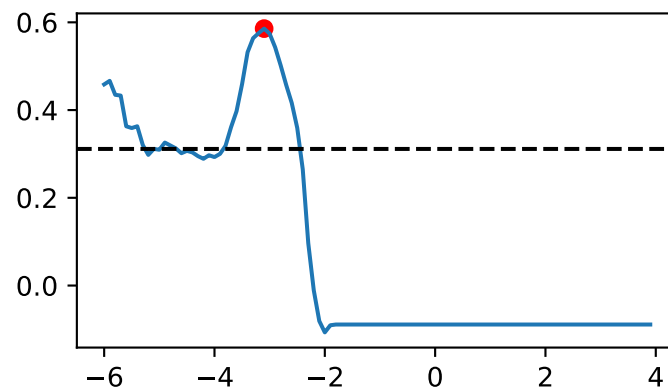
Session 3



Ridge  $R^2$

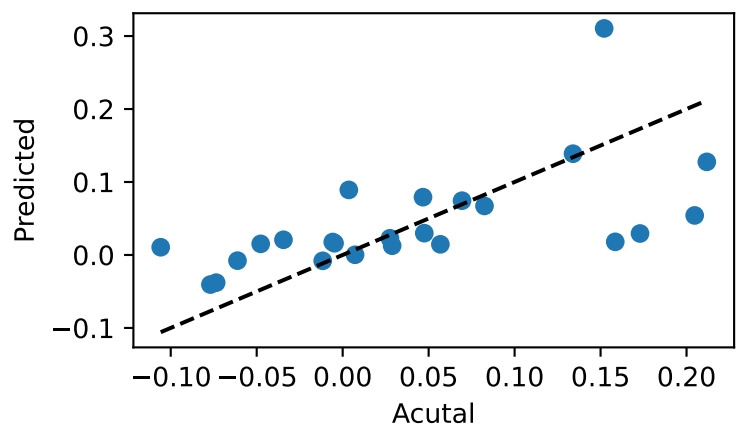


Lasso  $R^2$

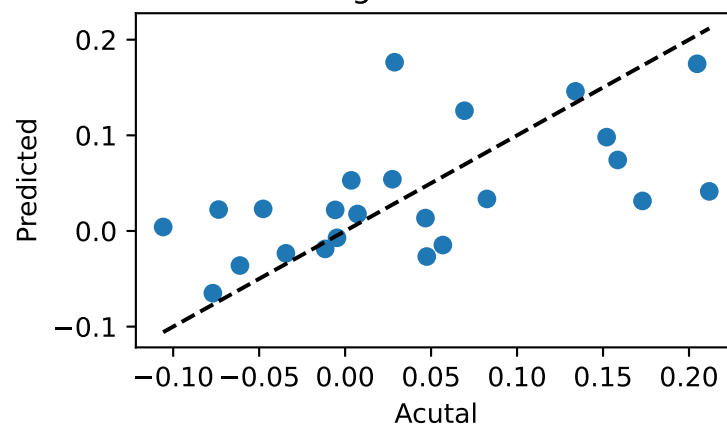


Lin 1-1  $R^2 = 0.31$   
 Ridge  $R^2 = 0.33$   
 Lasso  $R^2 = 0.59$

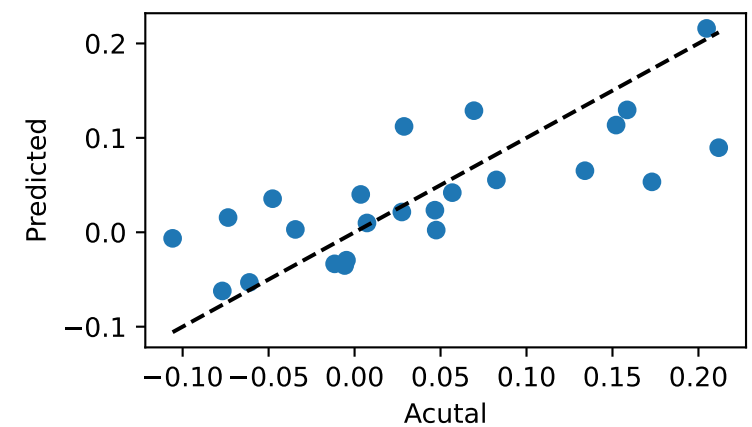
Lin 1-1



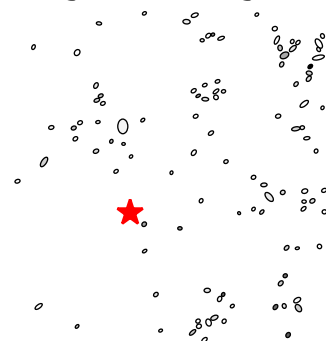
Ridge  $\alpha=3.2\text{e-}01$



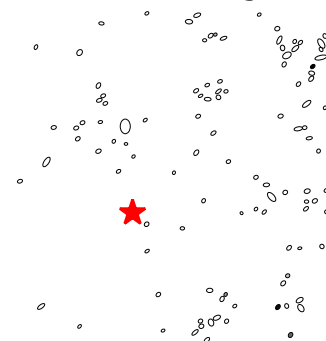
Lasso  $\alpha=7.9\text{e-}04$



Ridge ROI Weights

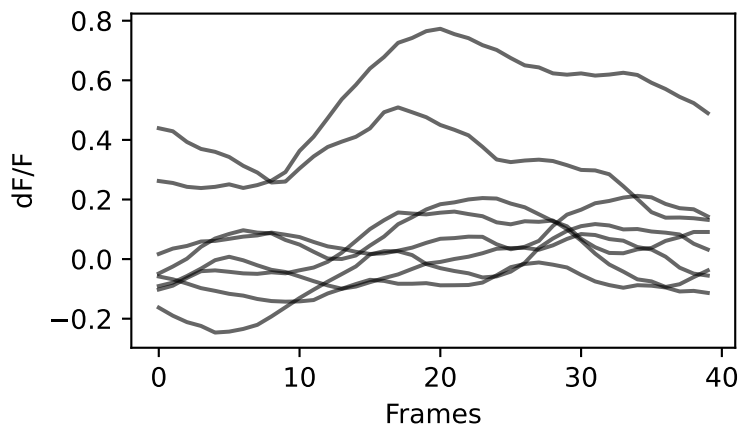


Lasso ROI Weights

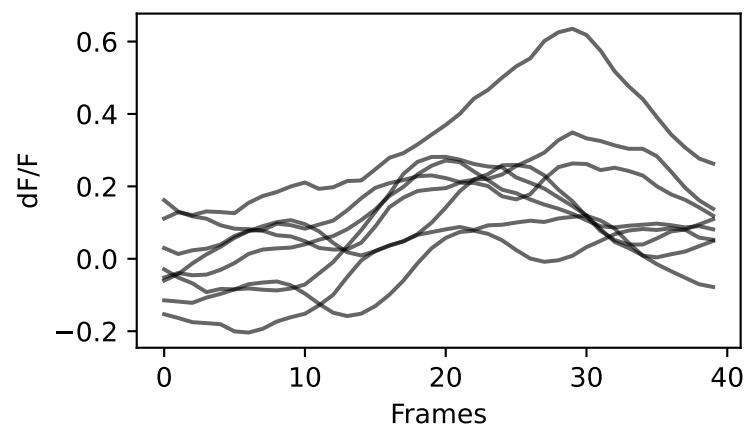


# Config 13, ROI 22

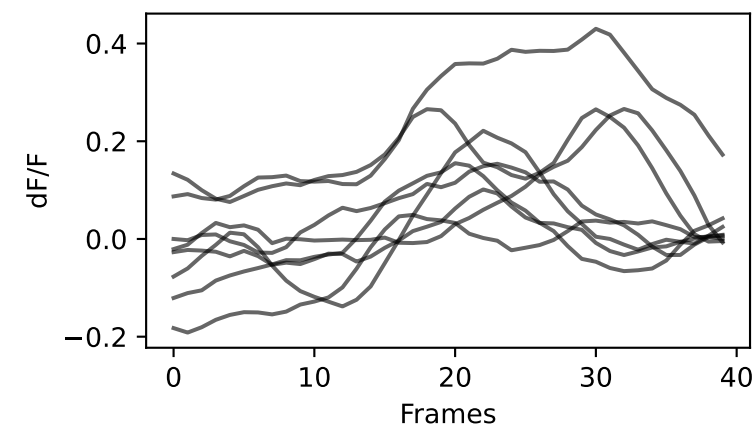
Session 1



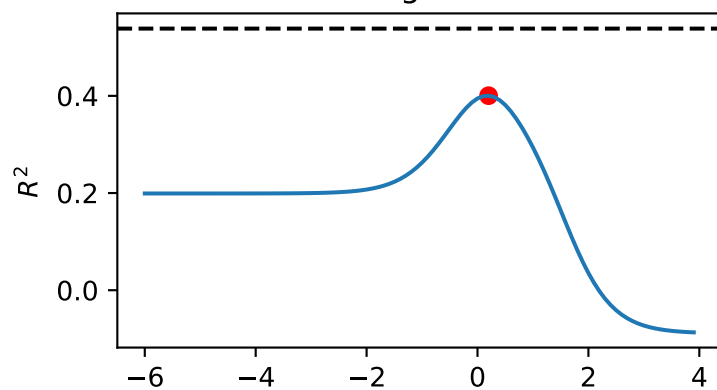
Session 2



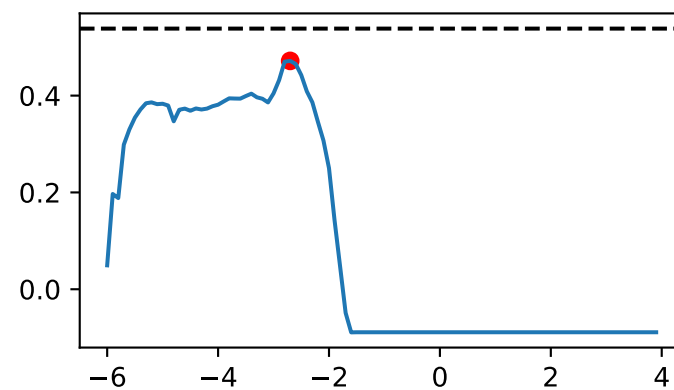
Session 3



Ridge  $R^2$



Lasso  $R^2$

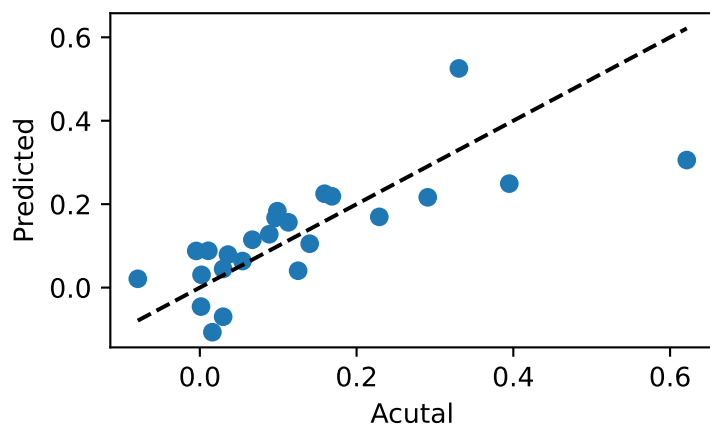


Lin 1-1  $R^2 = 0.54$

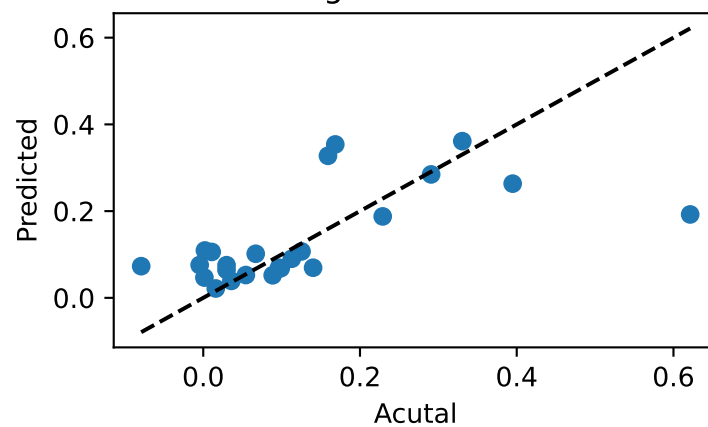
Ridge  $R^2 = 0.40$

Lasso  $R^2 = 0.47$

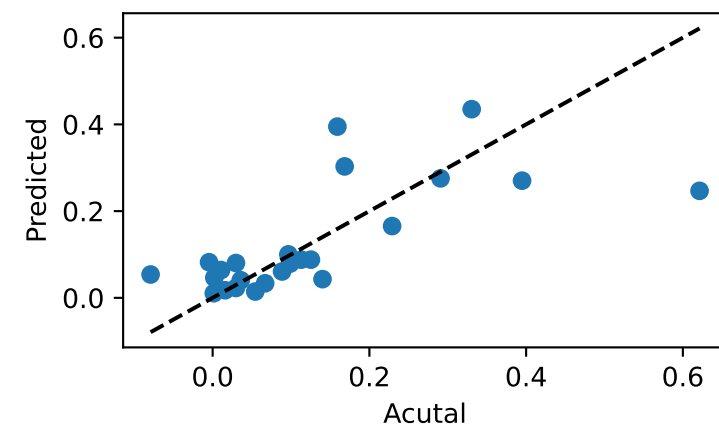
Lin 1-1



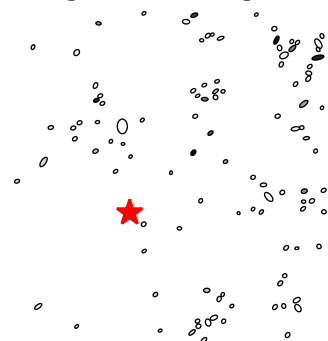
Ridge  $\alpha=1.6e+00$



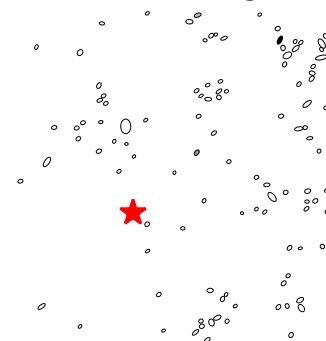
Lasso  $\alpha=2.0e-03$



Ridge ROI Weights

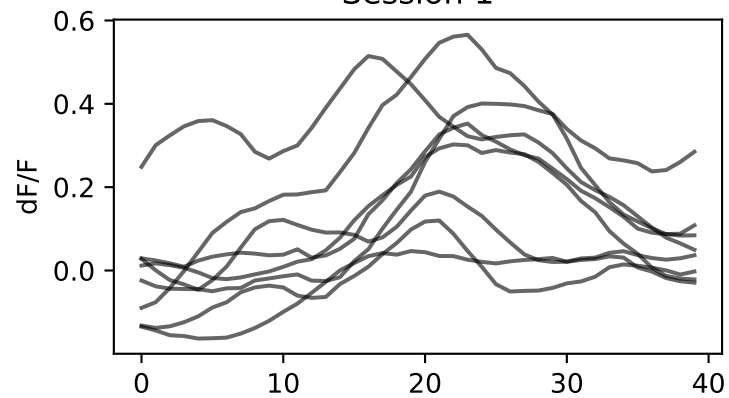


Lasso ROI Weights

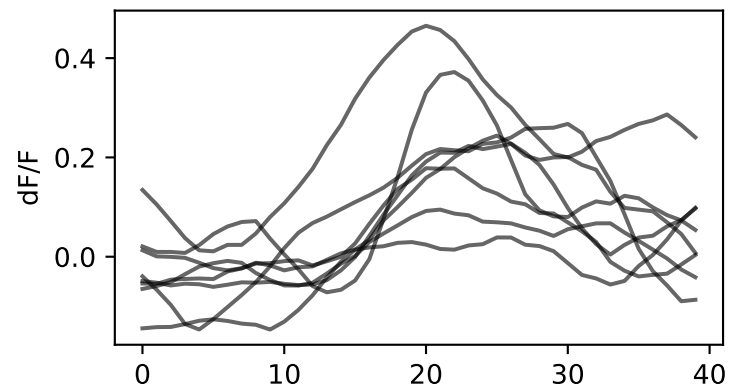


# Config 14, ROI 22

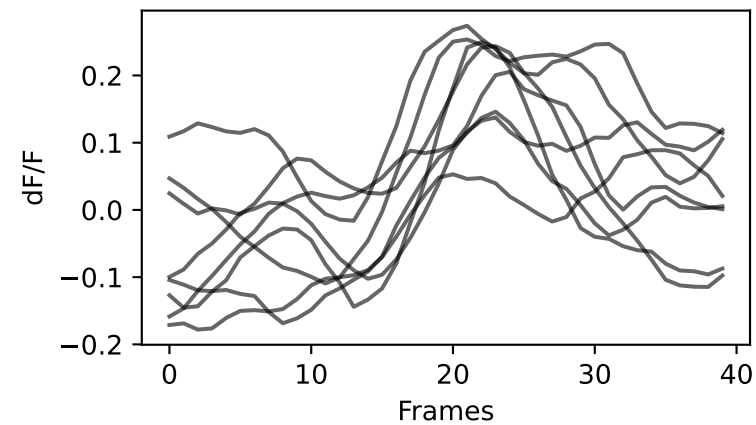
Session 1



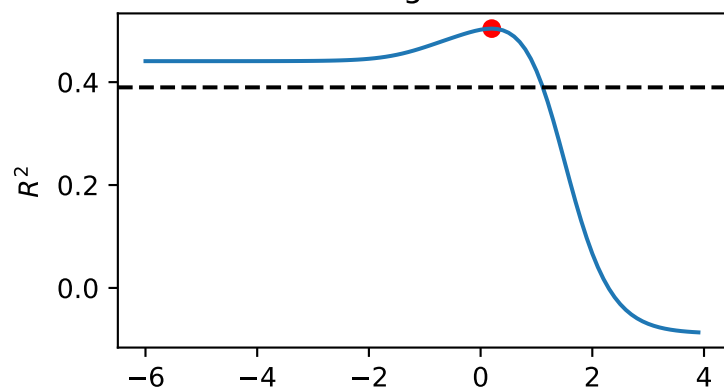
Session 2



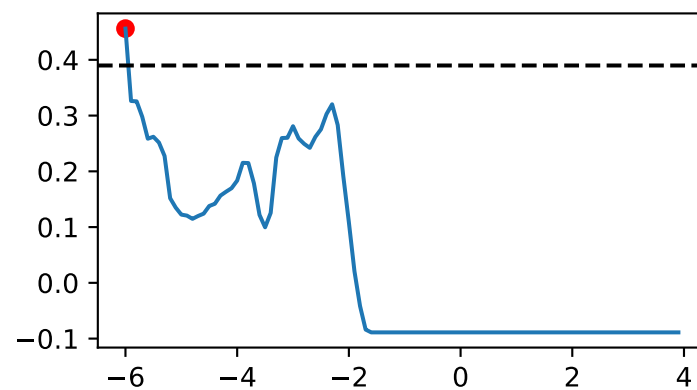
Session 3



Ridge  $R^2$

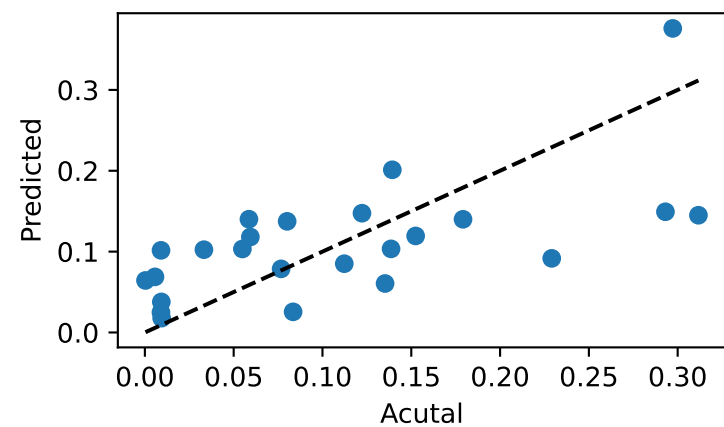


Lasso  $R^2$

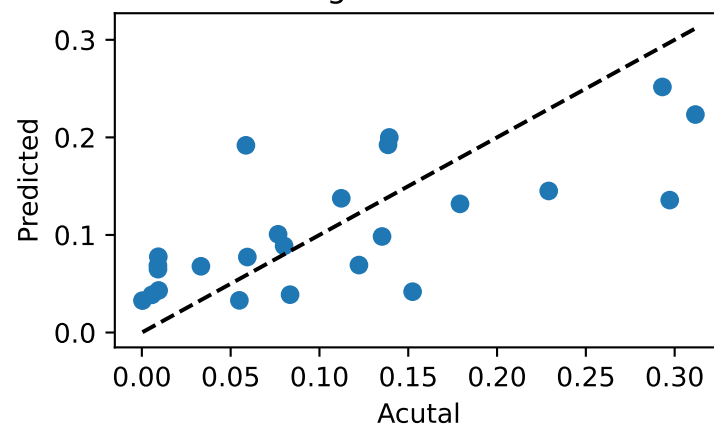


Lin 1-1  $R^2 = 0.39$   
 Ridge  $R^2 = 0.50$   
 Lasso  $R^2 = 0.46$

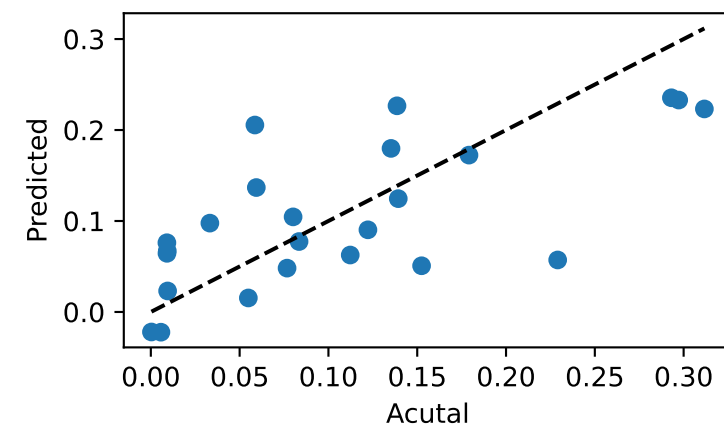
Lin 1-1



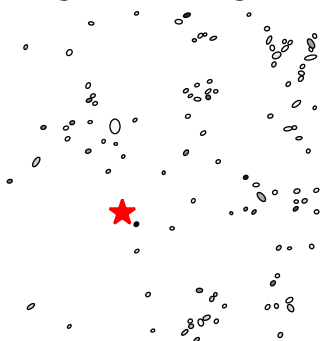
Ridge  $\alpha=1.6e+00$



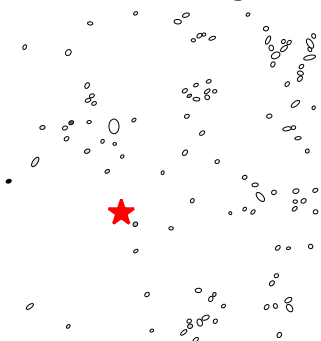
Lasso  $\alpha=1.0e-06$



Ridge ROI Weights

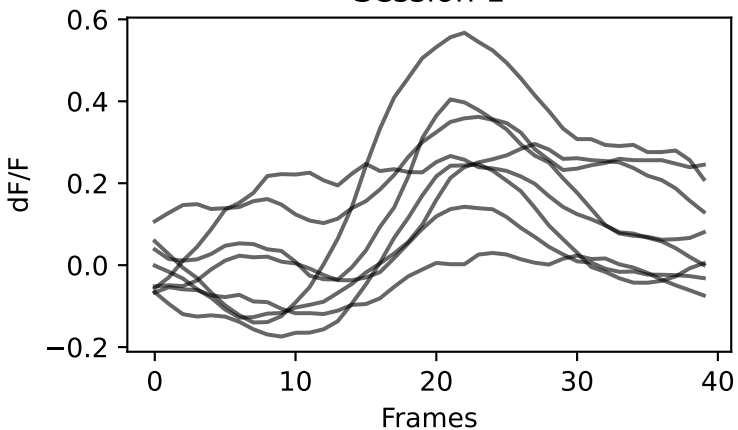


Lasso ROI Weights

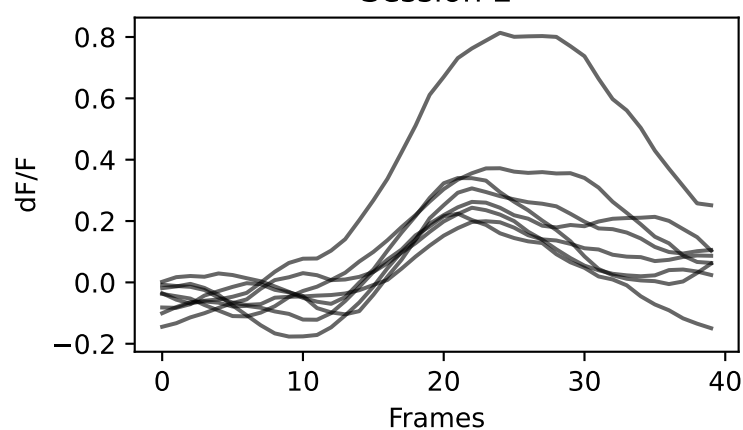


# Config 15, ROI 22

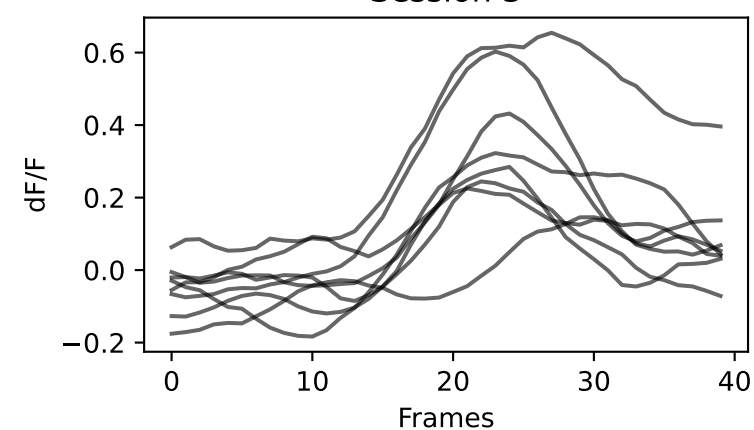
Session 1



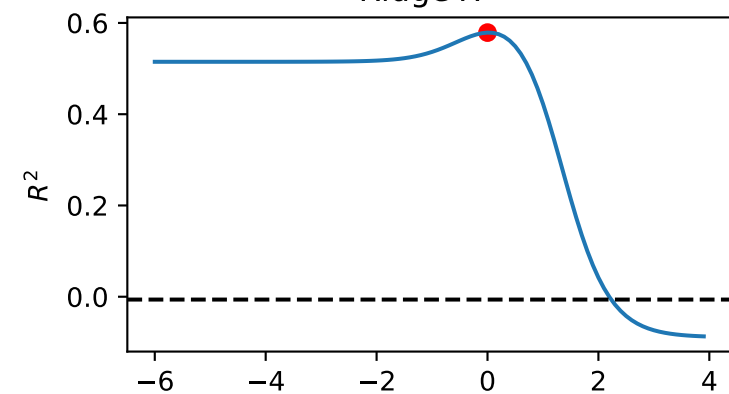
Session 2



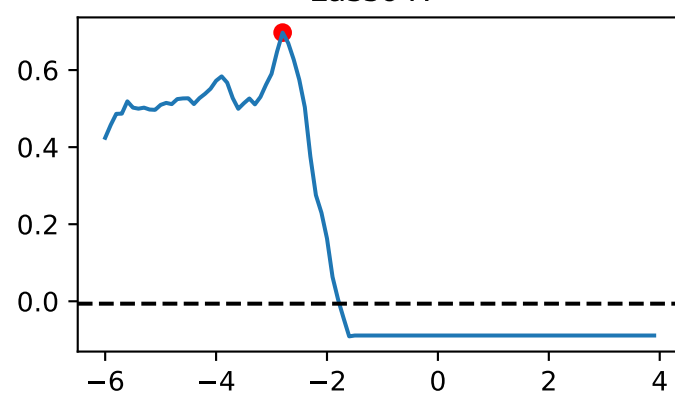
Session 3



Ridge  $R^2$

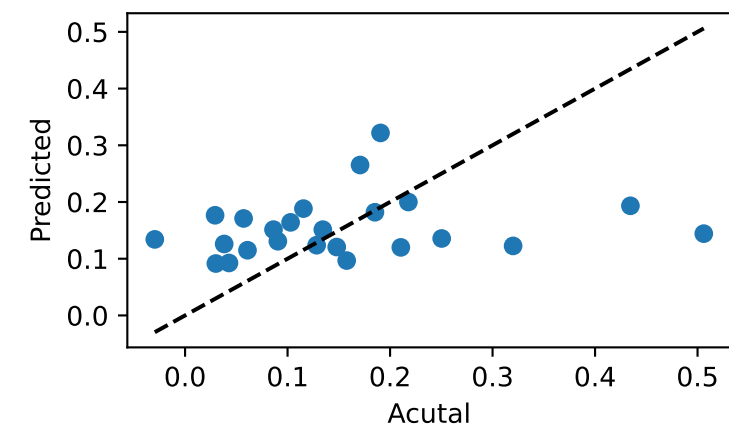


Lasso  $R^2$

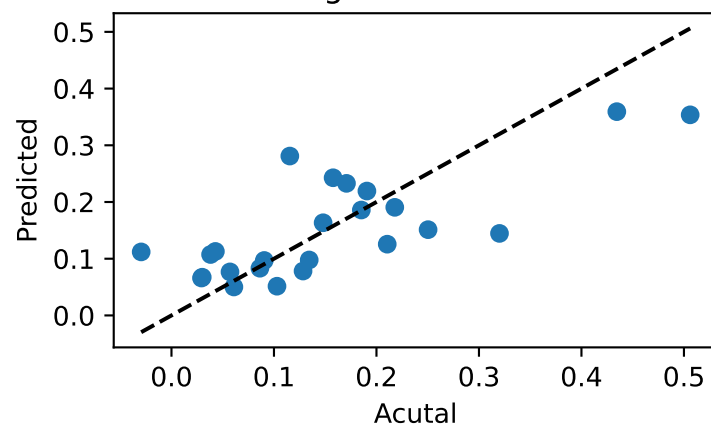


Lin 1-1  $R^2 = -0.01$   
 Ridge  $R^2 = 0.58$   
 Lasso  $R^2 = 0.70$

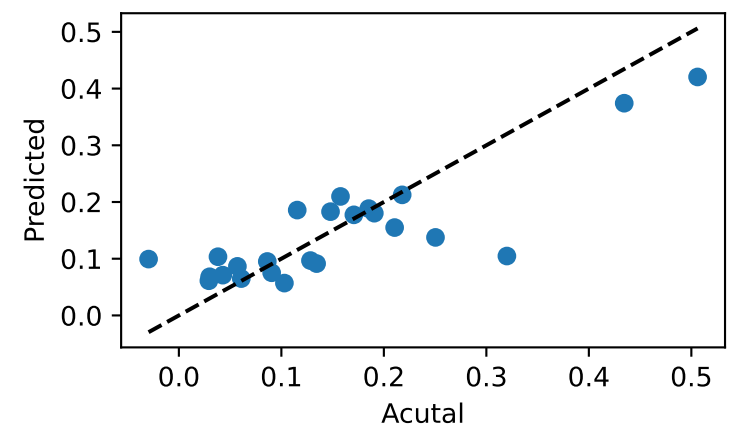
Lin 1-1



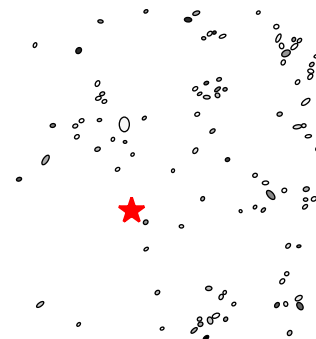
Ridge  $\alpha=1.0e+00$



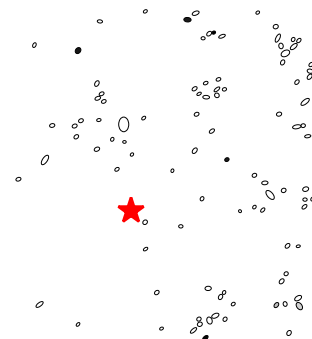
Lasso  $\alpha=1.6e-03$



Ridge ROI Weights

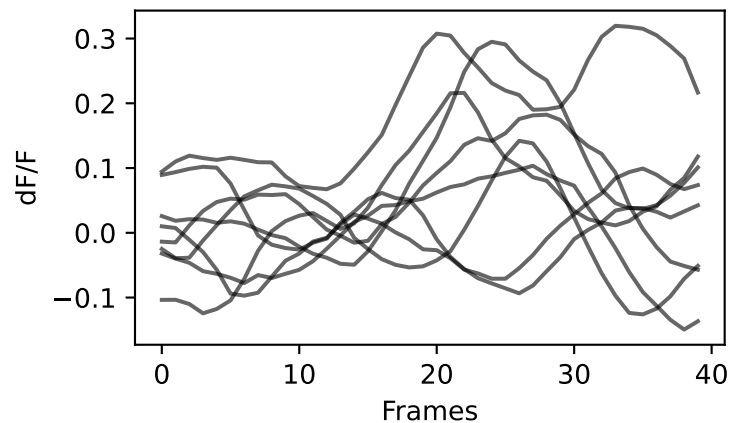


Lasso ROI Weights

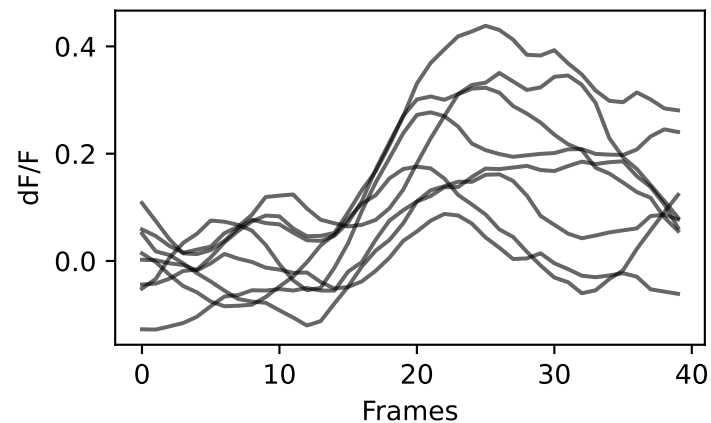


# Config 14, ROI 23

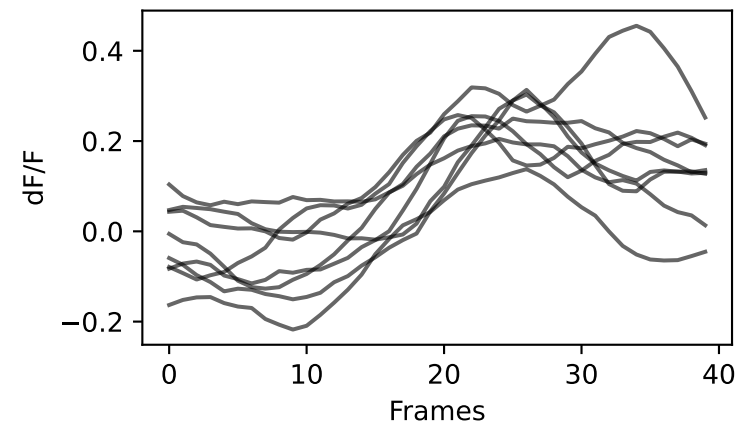
Session 1



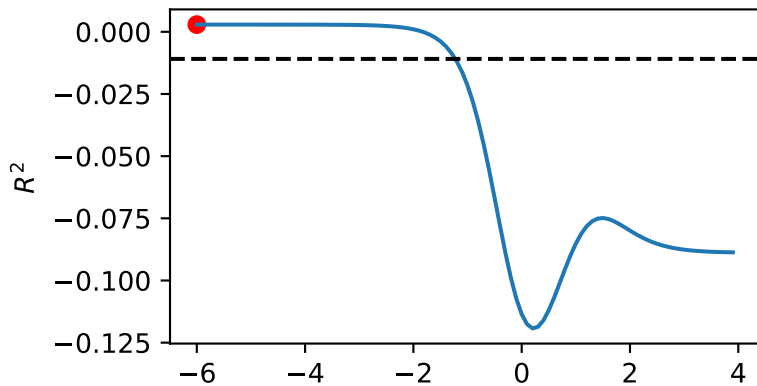
Session 2



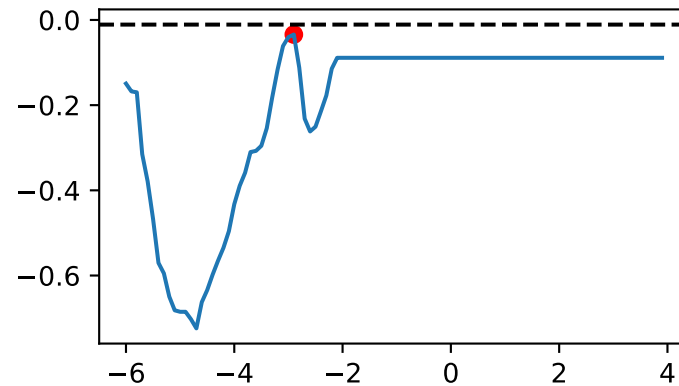
Session 3



Ridge  $R^2$

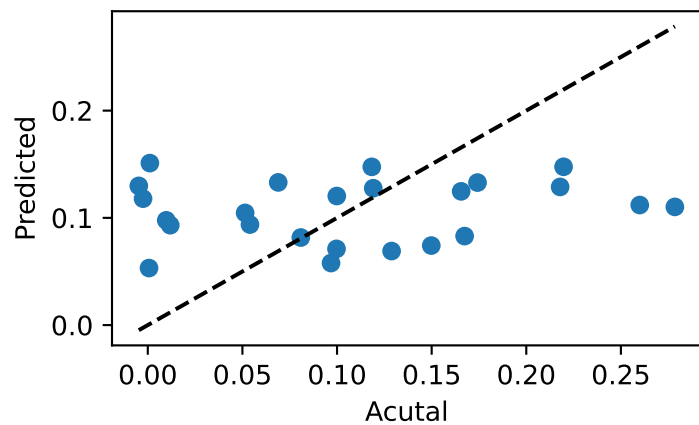


Lasso  $R^2$

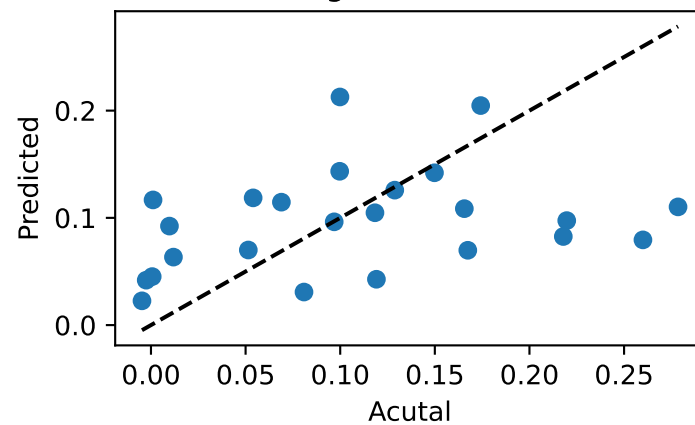


Lin 1-1  $R^2 = -0.01$   
 Ridge  $R^2 = 0.00$   
 Lasso  $R^2 = -0.03$

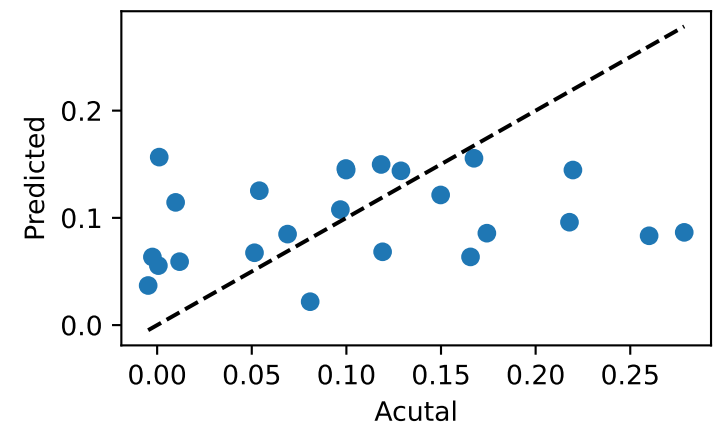
Lin 1-1



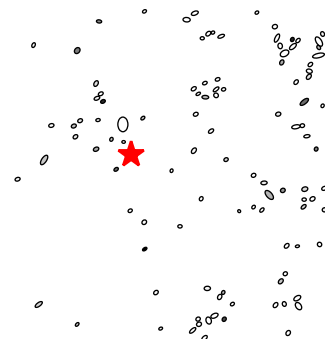
Ridge  $\alpha=1.0\text{e-}06$



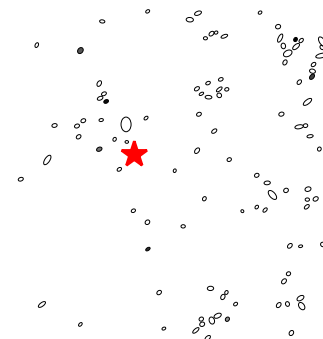
Lasso  $\alpha=1.3\text{e-}03$



Ridge ROI Weights

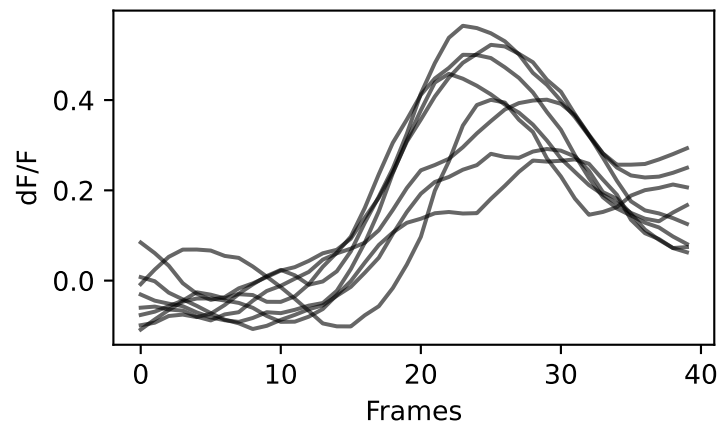


Lasso ROI Weights

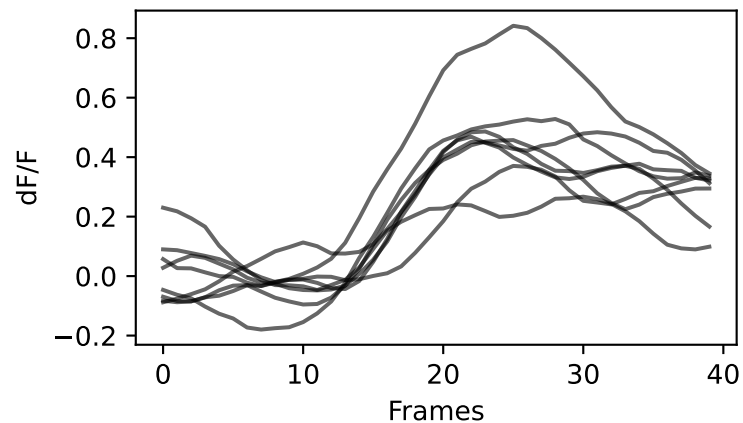


# Config 15, ROI 23

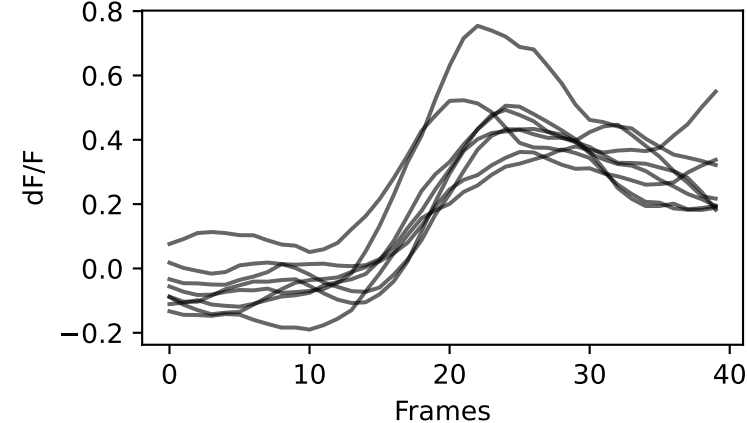
Session 1



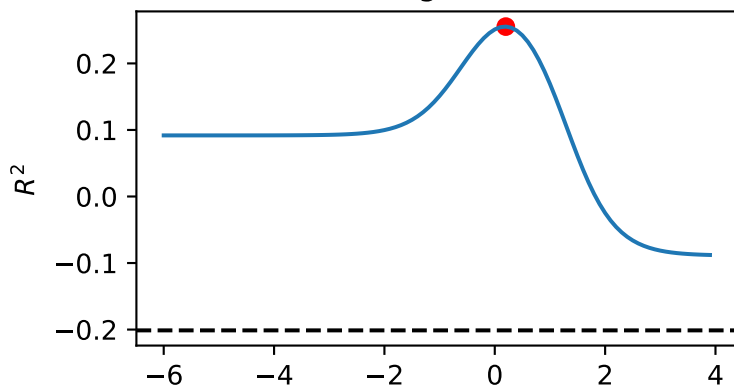
Session 2



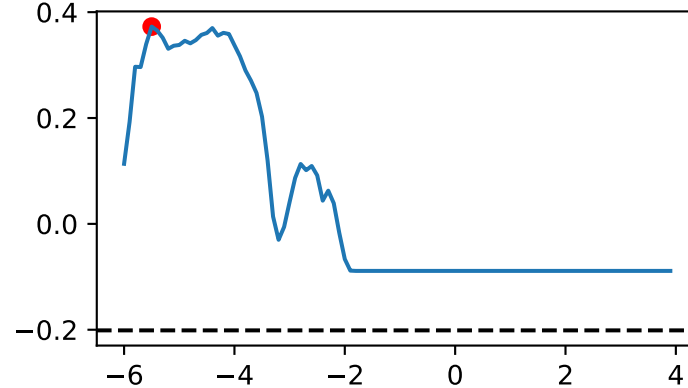
Session 3



Ridge  $R^2$

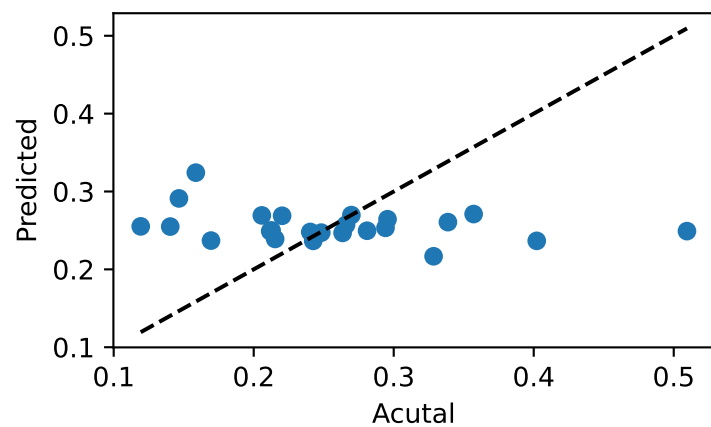


Lasso  $R^2$

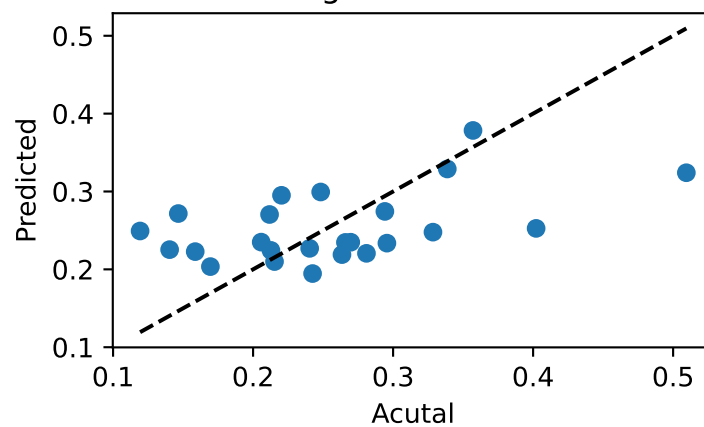


Lin 1-1  $R^2 = -0.20$   
 Ridge  $R^2 = 0.26$   
 Lasso  $R^2 = 0.37$

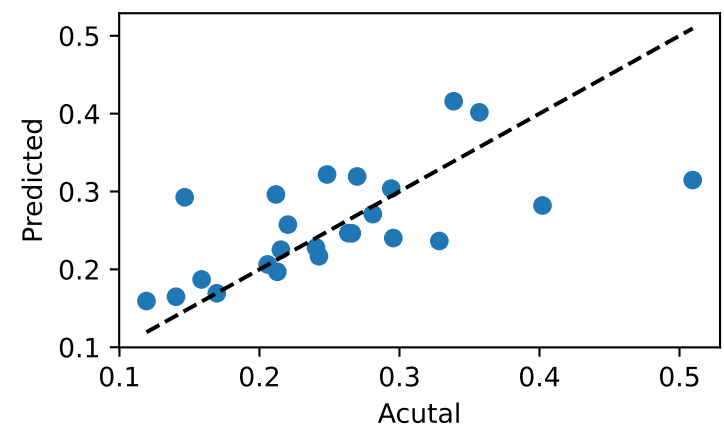
Lin 1-1



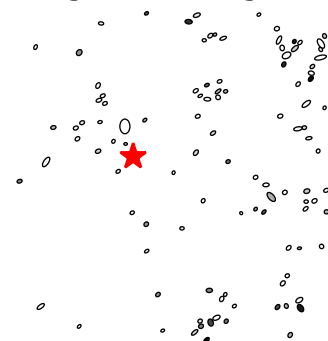
Ridge  $\alpha=1.6\text{e}+00$



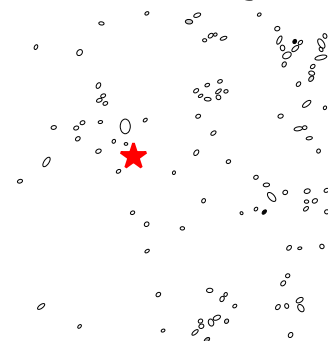
Lasso  $\alpha=3.2\text{e}-06$



Ridge ROI Weights



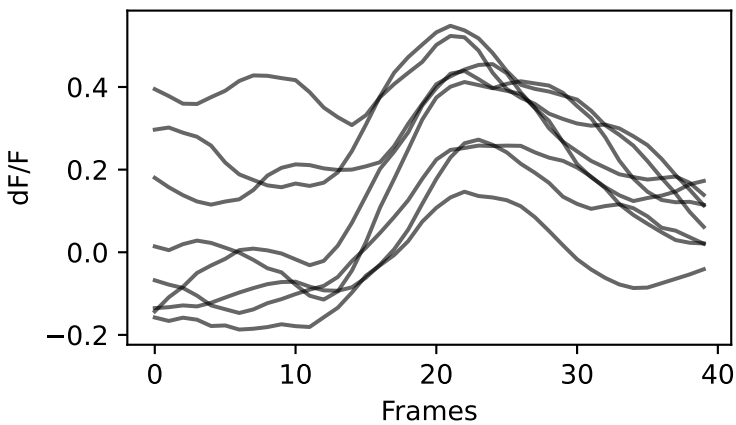
Lasso ROI Weights



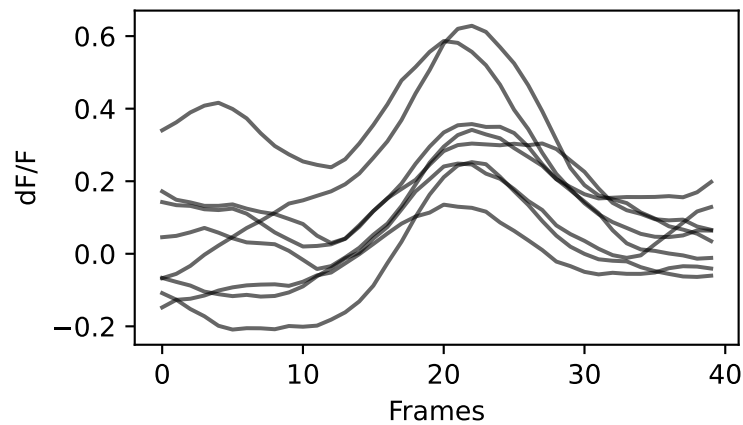


# Config 3, ROI 26

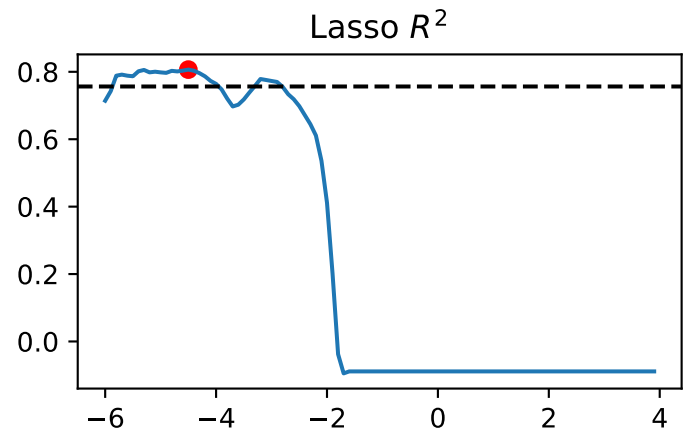
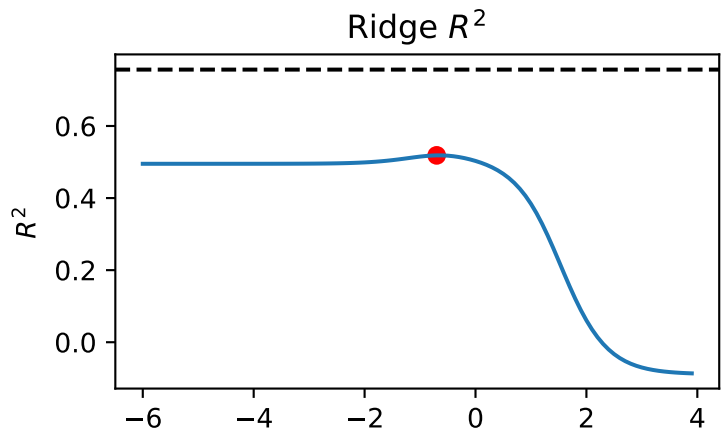
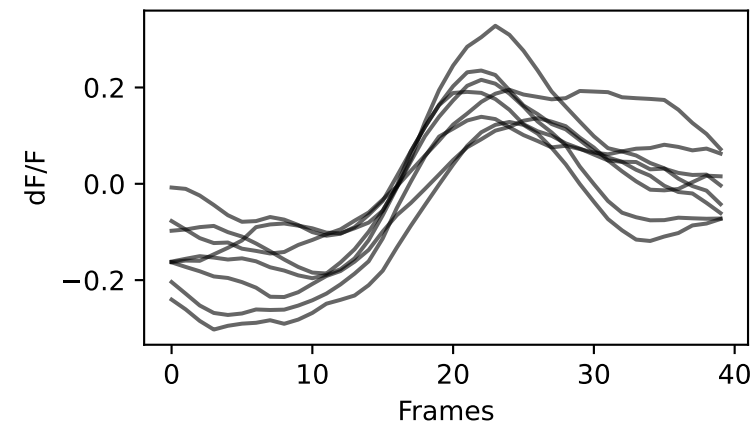
Session 1



Session 2

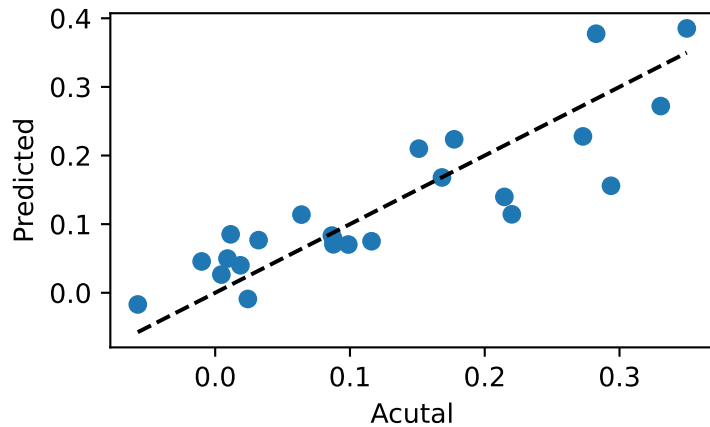


Session 3

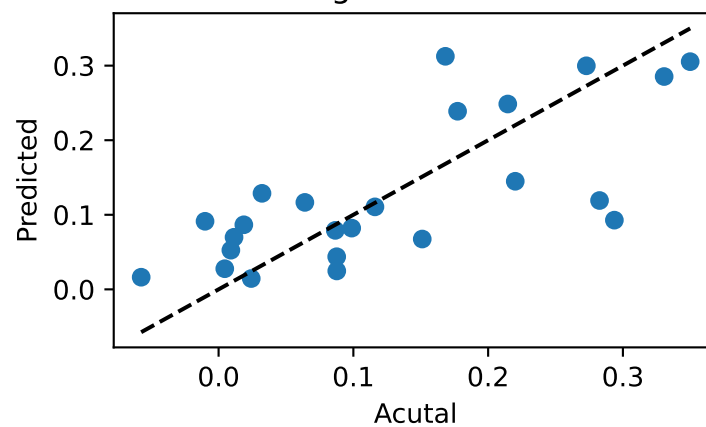


Lin 1-1  $R^2 = 0.76$   
 Ridge  $R^2 = 0.52$   
 Lasso  $R^2 = 0.81$

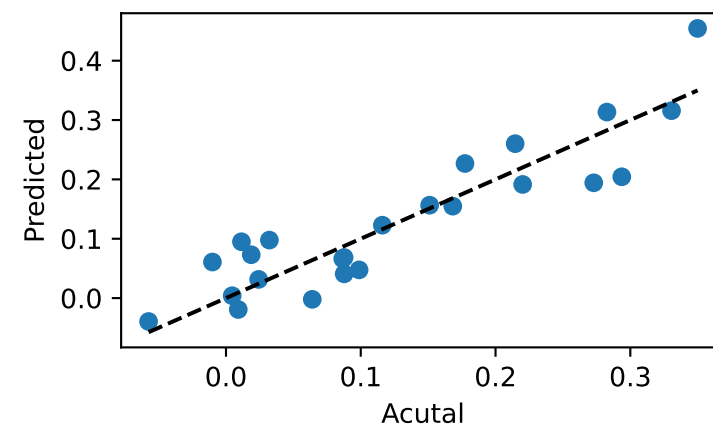
Lin 1-1



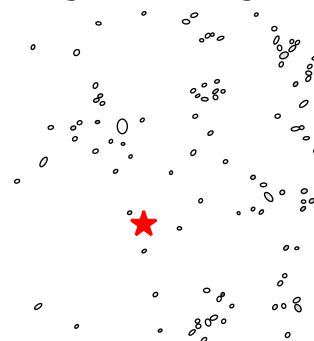
Ridge  $\alpha=2.0\text{e-}01$



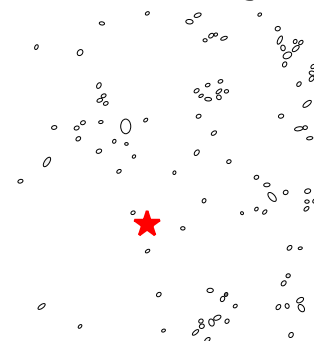
Lasso  $\alpha=3.2\text{e-}05$



Ridge ROI Weights

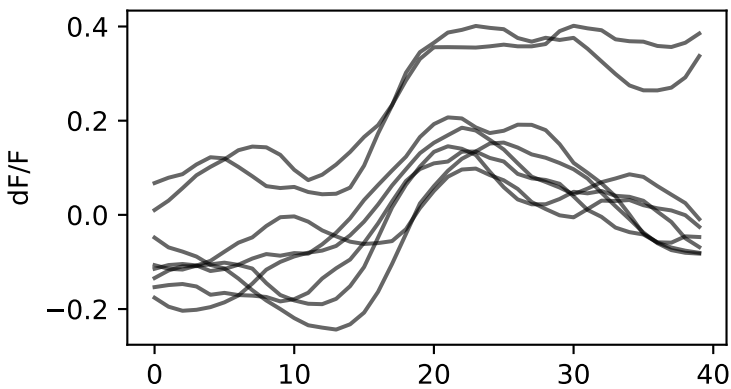


Lasso ROI Weights

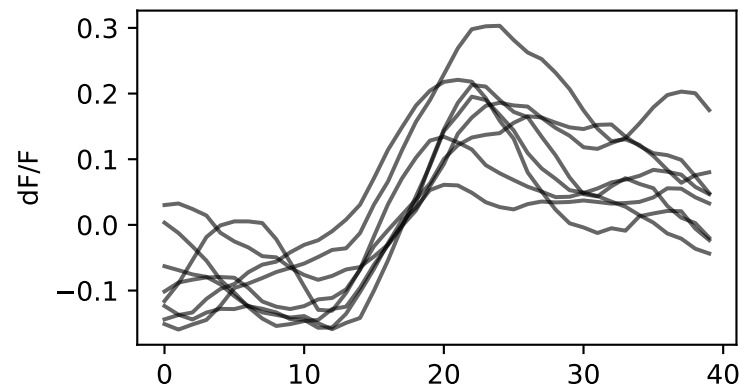


# Config 8, ROI 26

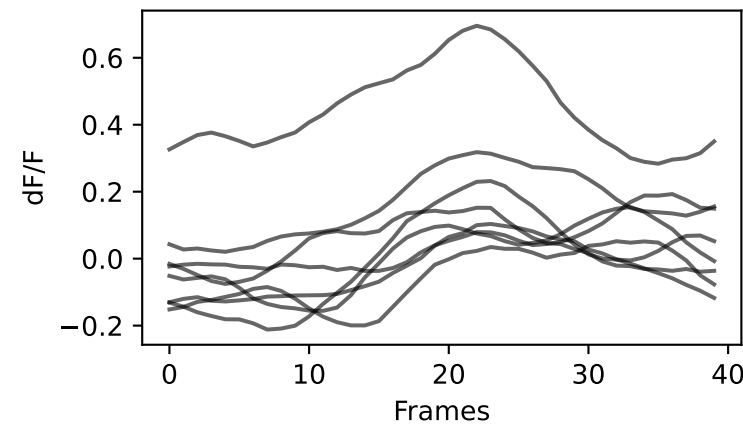
Session 1



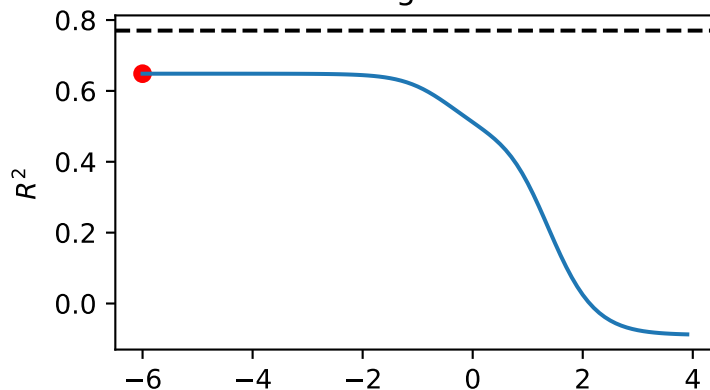
Session 2



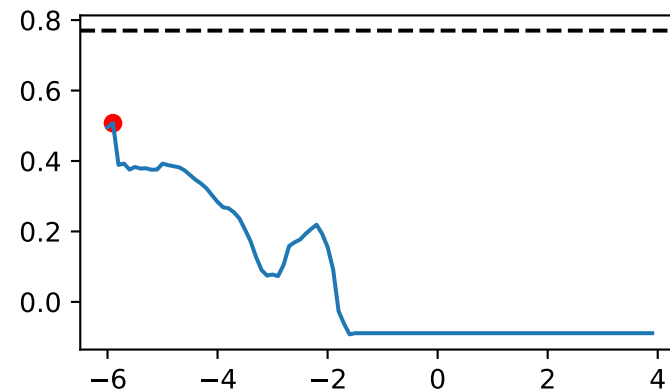
Session 3



Ridge  $R^2$

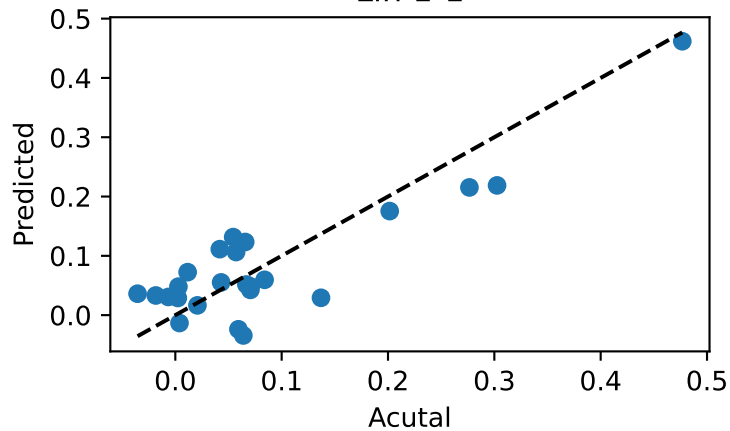


Lasso  $R^2$

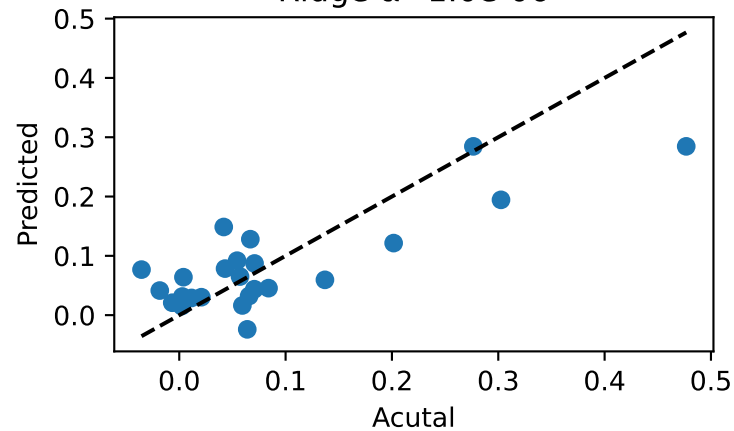


Lin 1-1  $R^2 = 0.77$   
 Ridge  $R^2 = 0.65$   
 Lasso  $R^2 = 0.51$

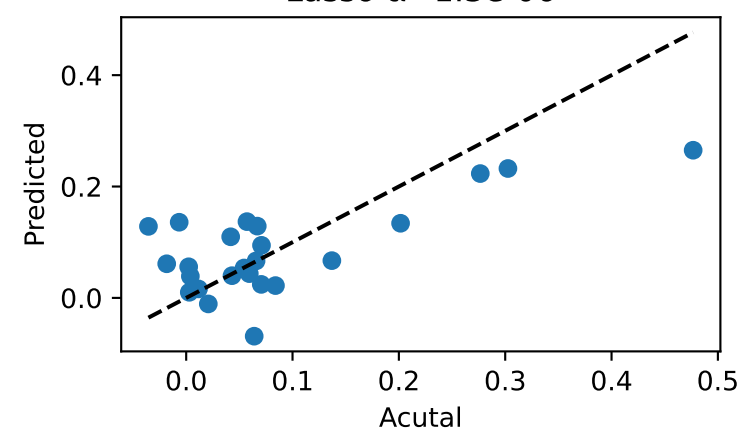
Lin 1-1



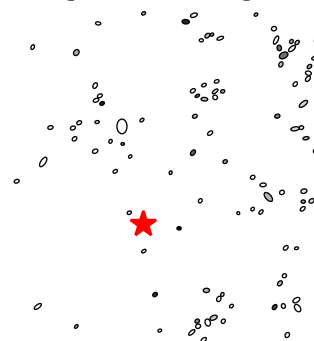
Ridge  $\alpha=1.0\text{e-}06$



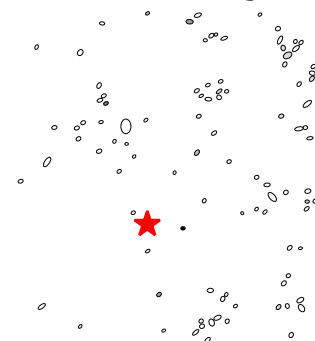
Lasso  $\alpha=1.3\text{e-}06$



Ridge ROI Weights

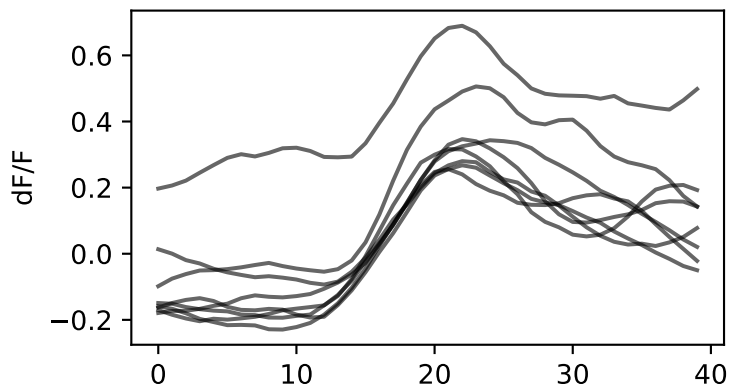


Lasso ROI Weights

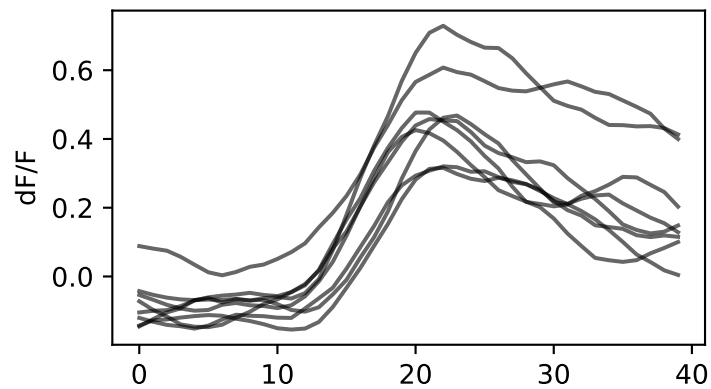


# Config 9, ROI 26

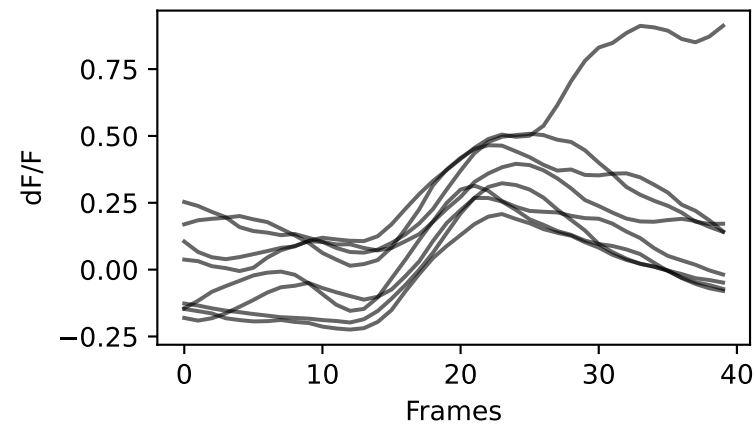
Session 1



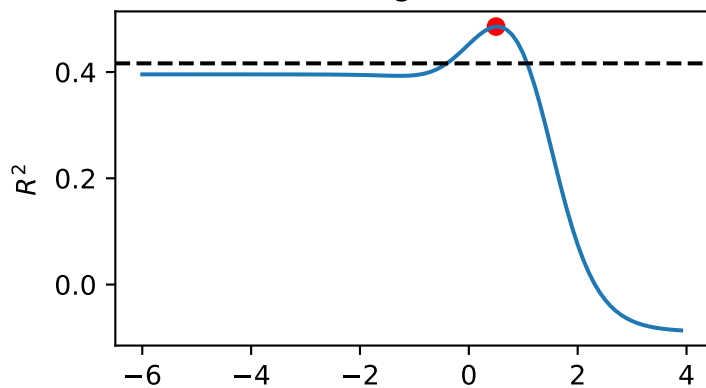
Session 2



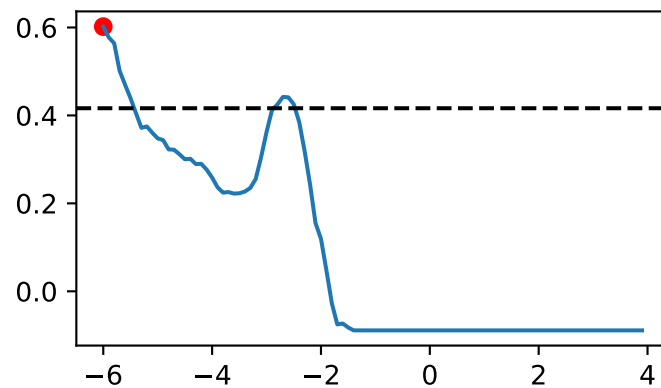
Session 3



Ridge  $R^2$

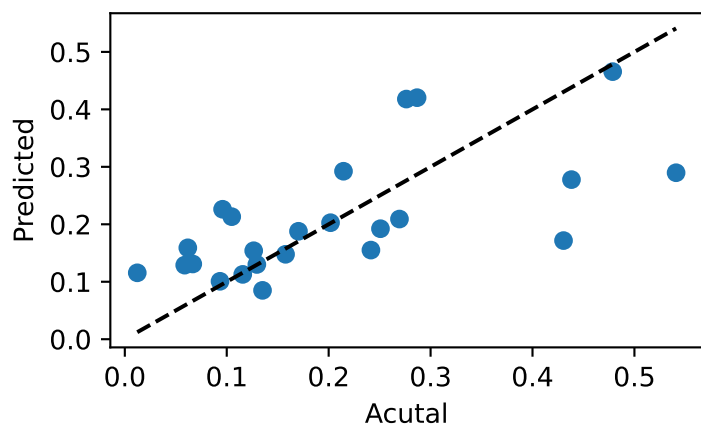


Lasso  $R^2$

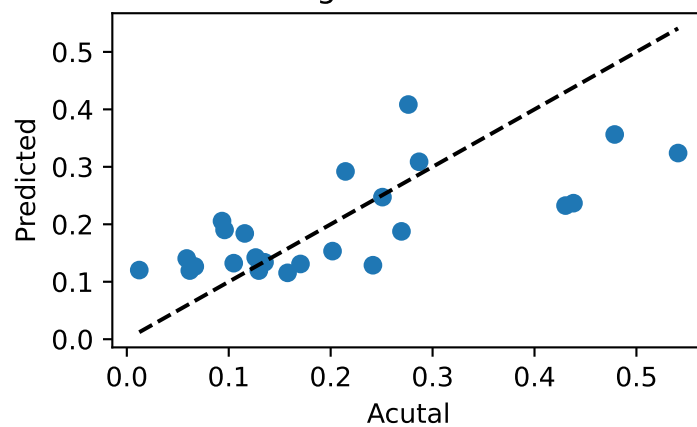


Lin 1-1  $R^2 = 0.42$   
 Ridge  $R^2 = 0.49$   
 Lasso  $R^2 = 0.60$

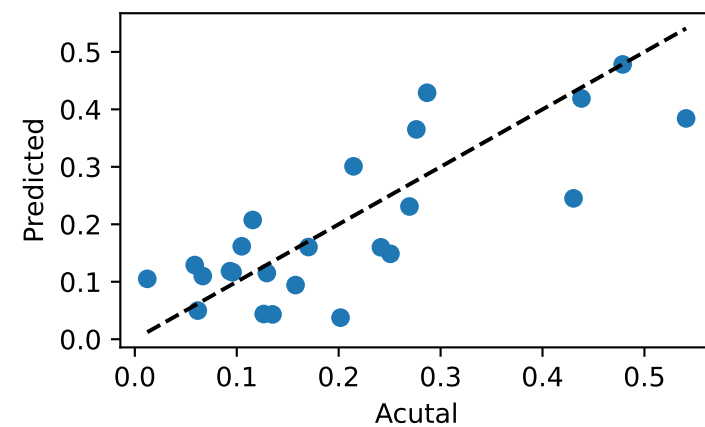
Lin 1-1



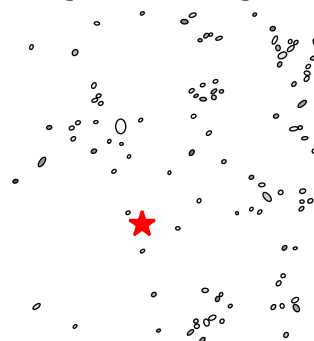
Ridge  $\alpha=3.2e+00$



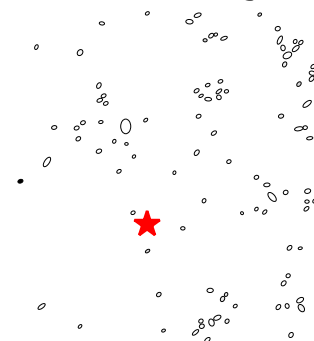
Lasso  $\alpha=1.0e-06$



Ridge ROI Weights

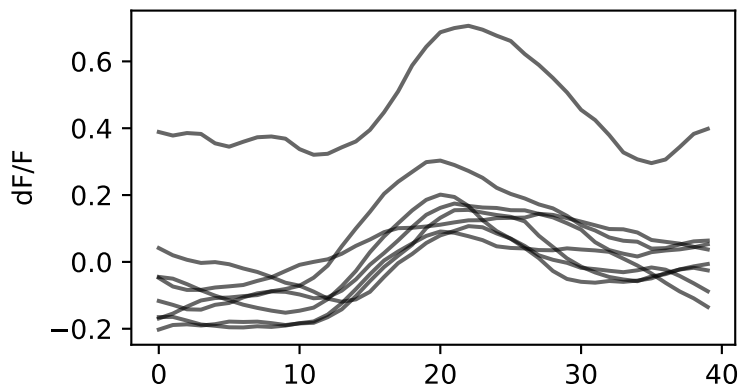


Lasso ROI Weights

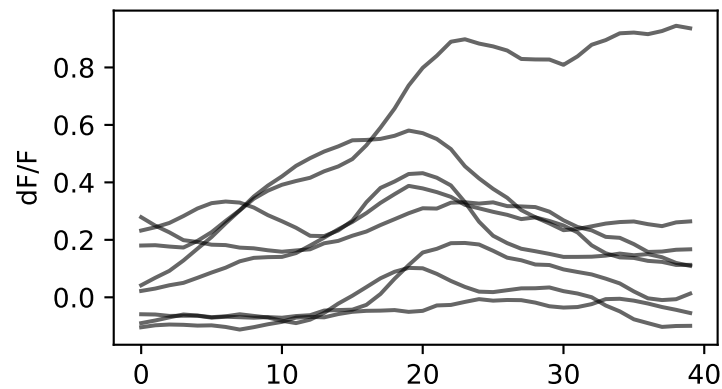


# Config 11, ROI 26

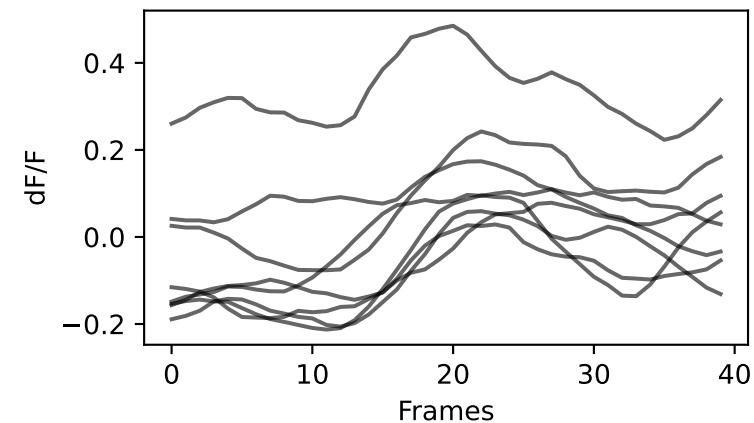
Session 1



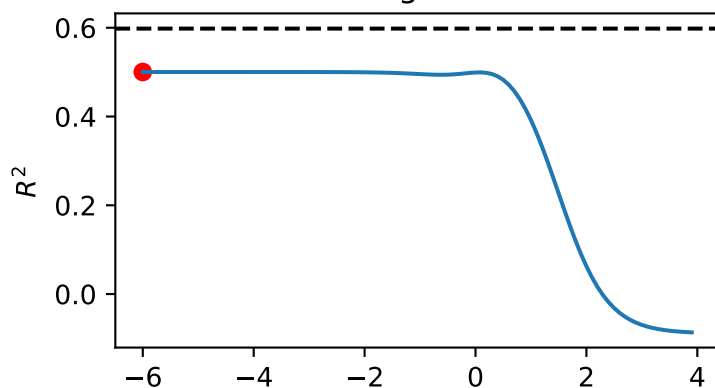
Session 2



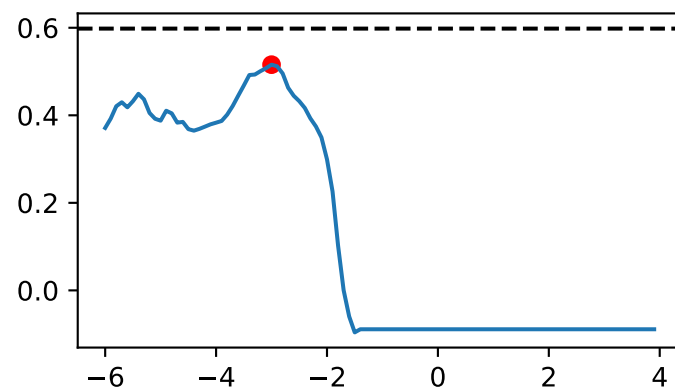
Session 3



Ridge  $R^2$

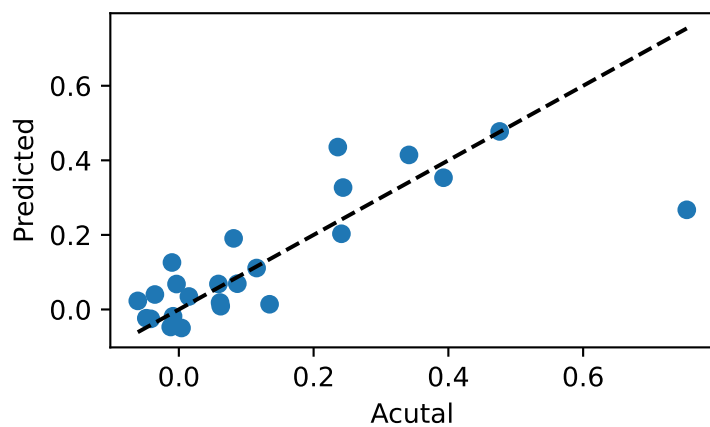


Lasso  $R^2$

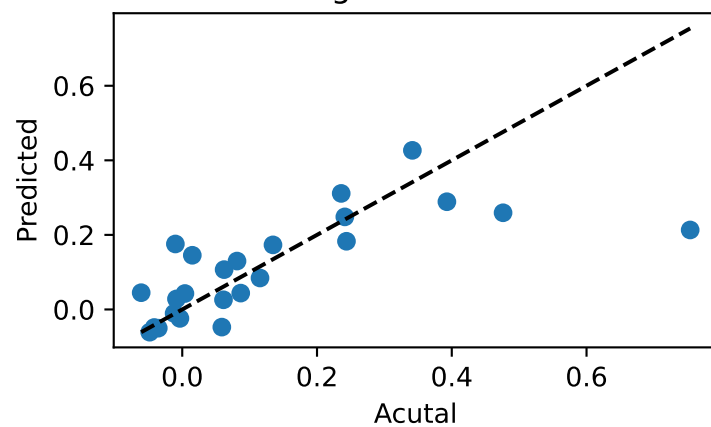


Lin 1-1  $R^2 = 0.60$   
 Ridge  $R^2 = 0.50$   
 Lasso  $R^2 = 0.52$

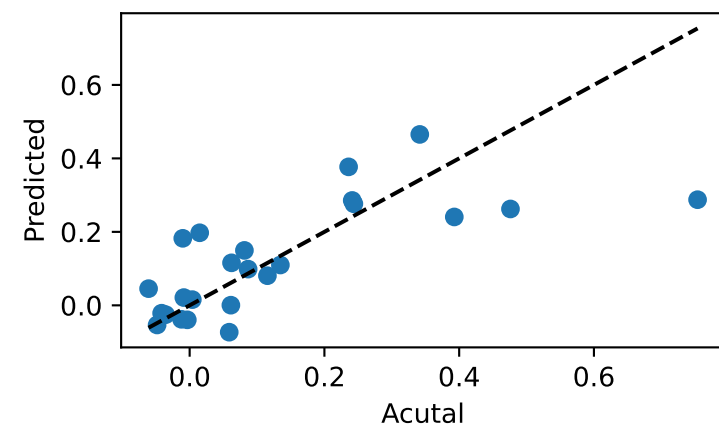
Lin 1-1



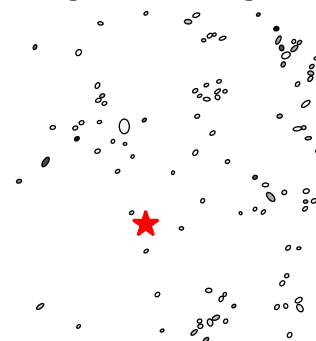
Ridge  $\alpha=1.0\text{e-}06$



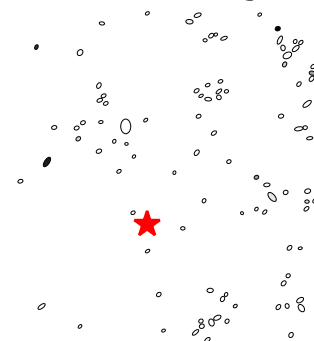
Lasso  $\alpha=1.0\text{e-}03$



Ridge ROI Weights

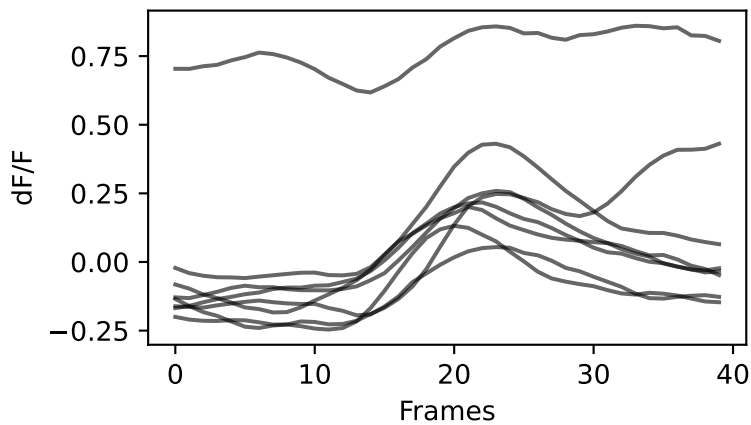


Lasso ROI Weights

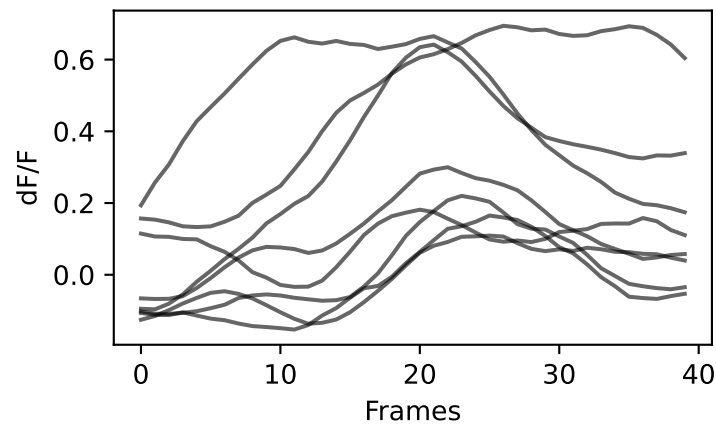


# Config 12, ROI 26

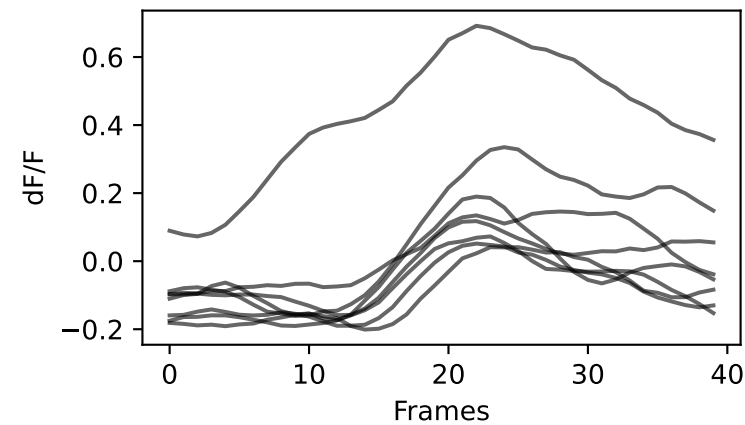
Session 1



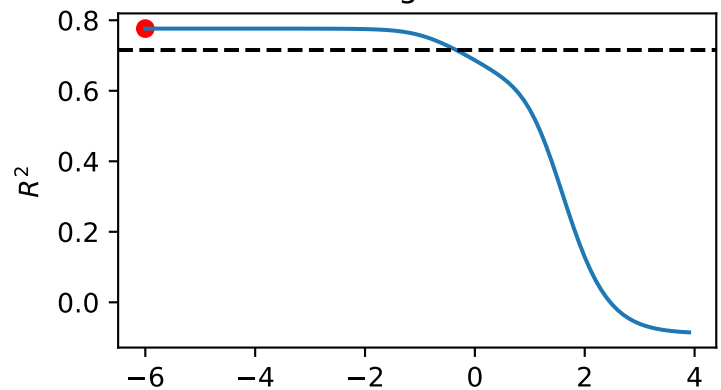
Session 2



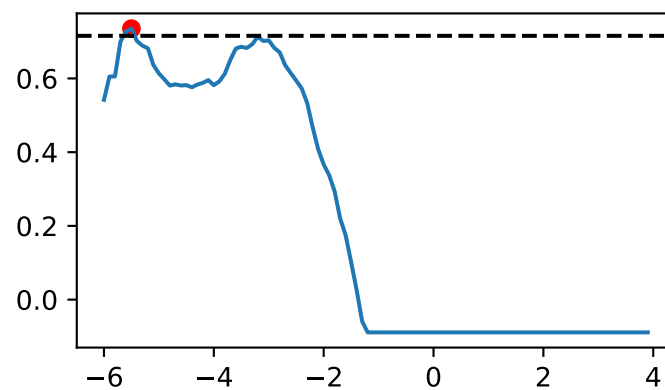
Session 3



Ridge  $R^2$



Lasso  $R^2$

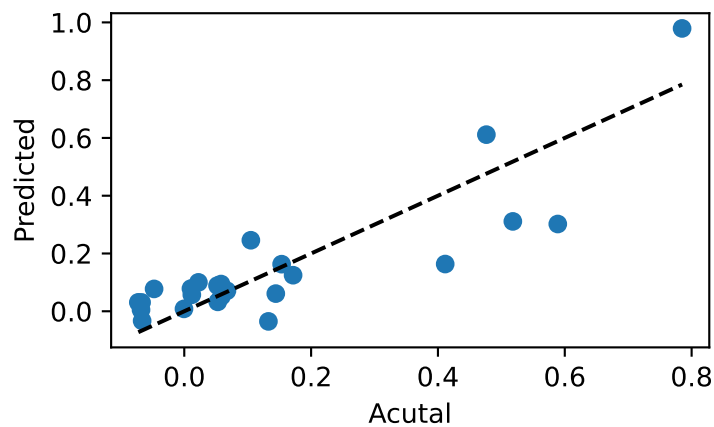


Lin 1-1  $R^2 = 0.72$

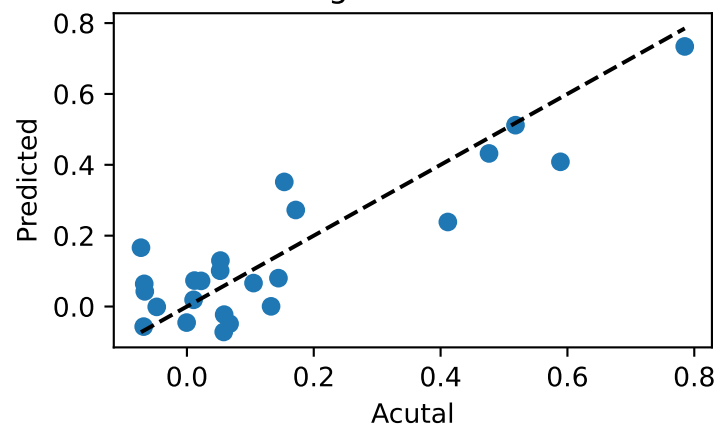
Ridge  $R^2 = 0.78$

Lasso  $R^2 = 0.74$

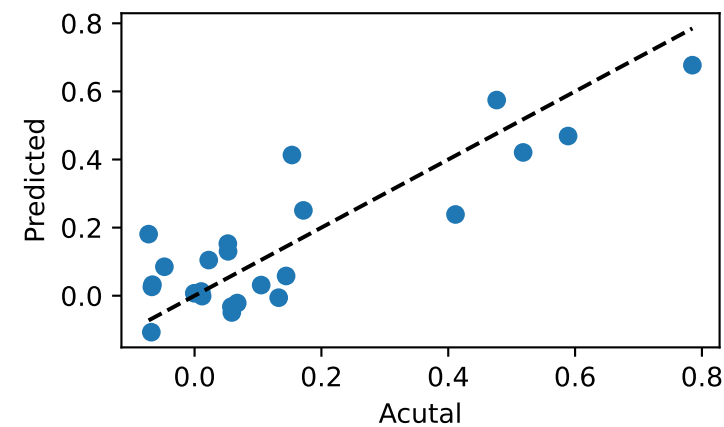
Lin 1-1



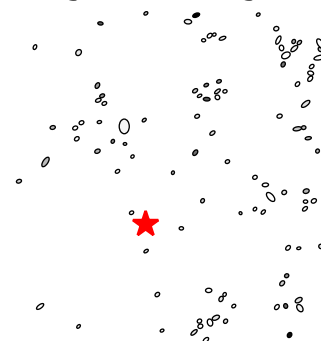
Ridge  $\alpha=1.0\text{e-}06$



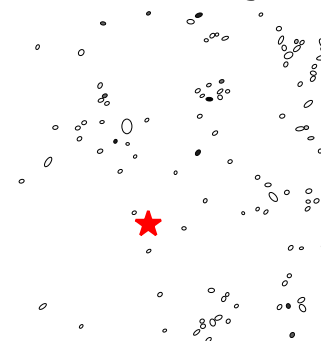
Lasso  $\alpha=3.2\text{e-}06$



Ridge ROI Weights

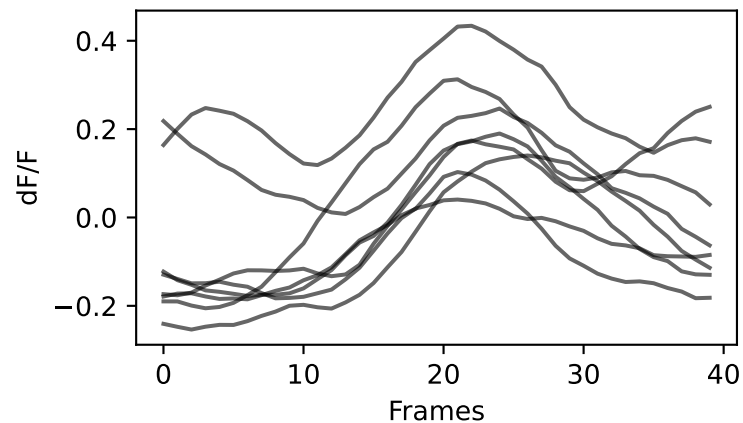


Lasso ROI Weights

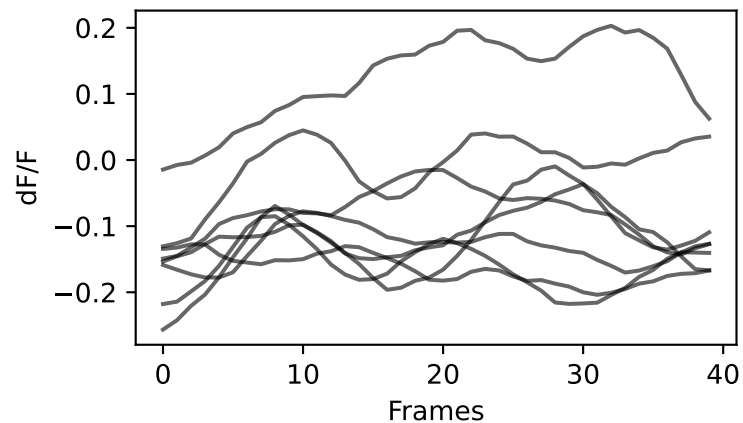


# Config 28, ROI 26

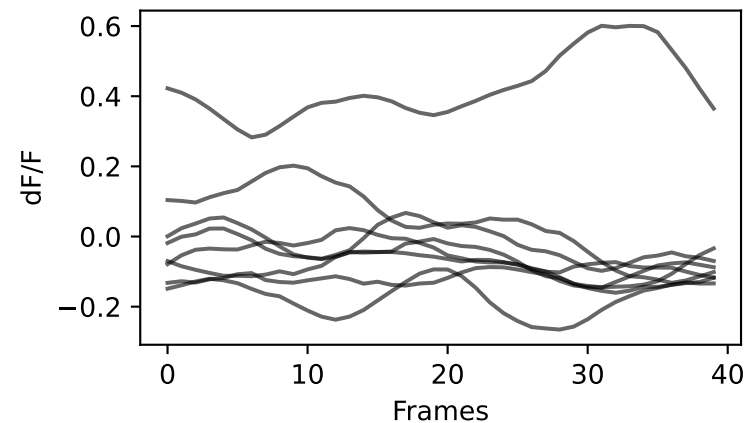
Session 1



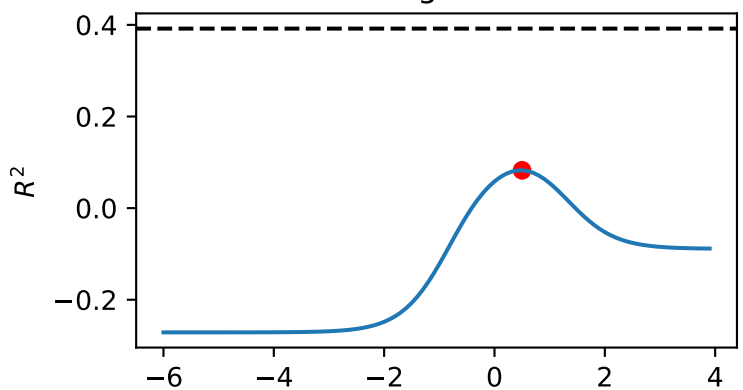
Session 2



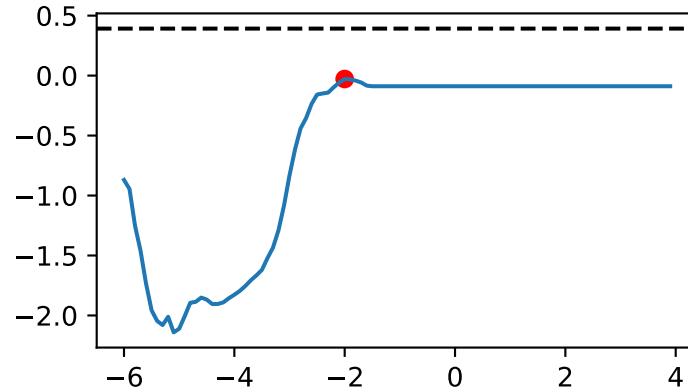
Session 3



Ridge  $R^2$

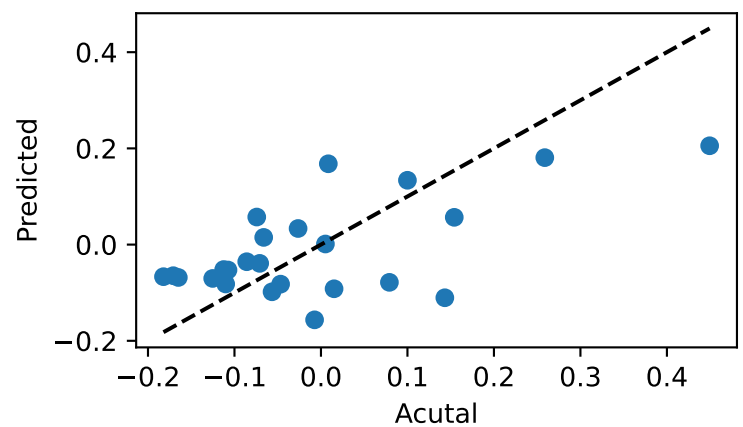


Lasso  $R^2$

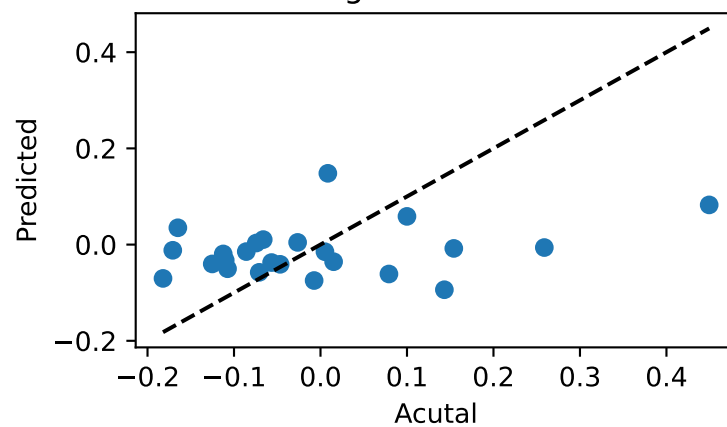


Lin 1-1  $R^2 = 0.39$   
 Ridge  $R^2 = 0.08$   
 Lasso  $R^2 = -0.03$

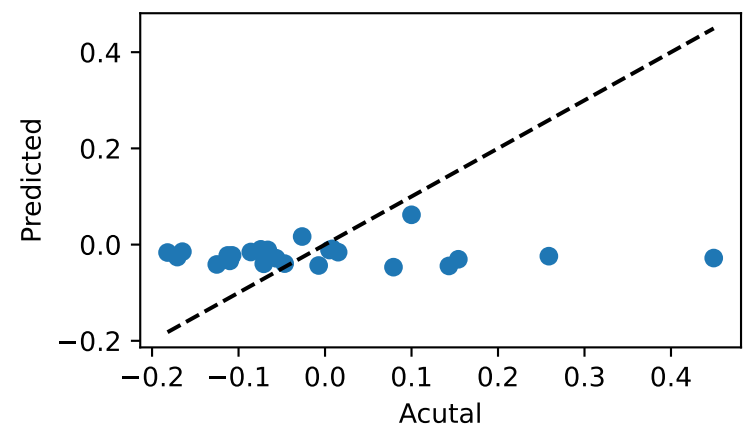
Lin 1-1



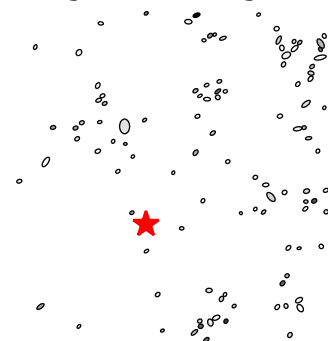
Ridge  $\alpha=3.2e+00$



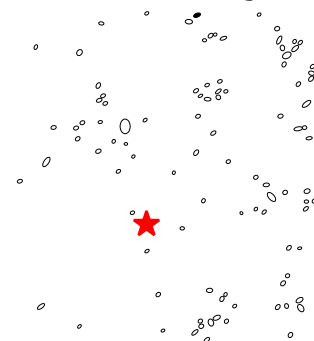
Lasso  $\alpha=1.0e-02$



Ridge ROI Weights

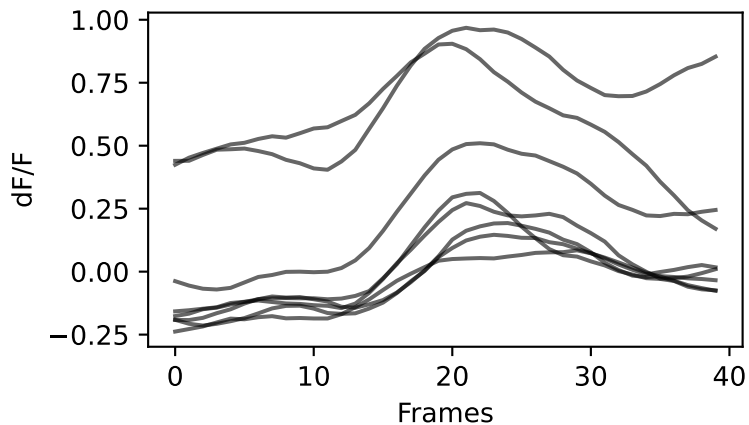


Lasso ROI Weights

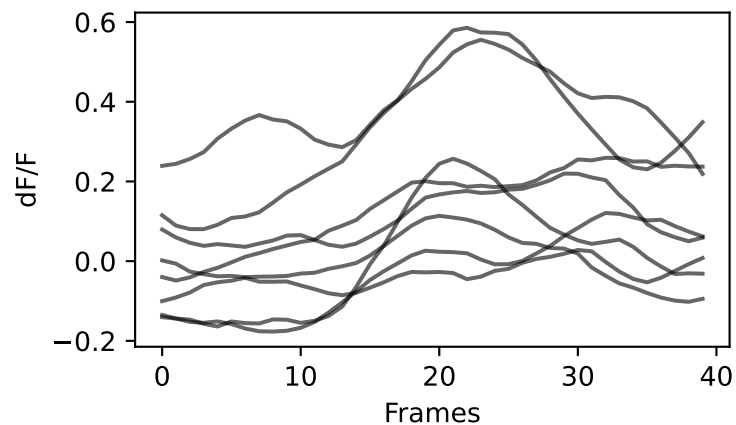


# Config 29, ROI 26

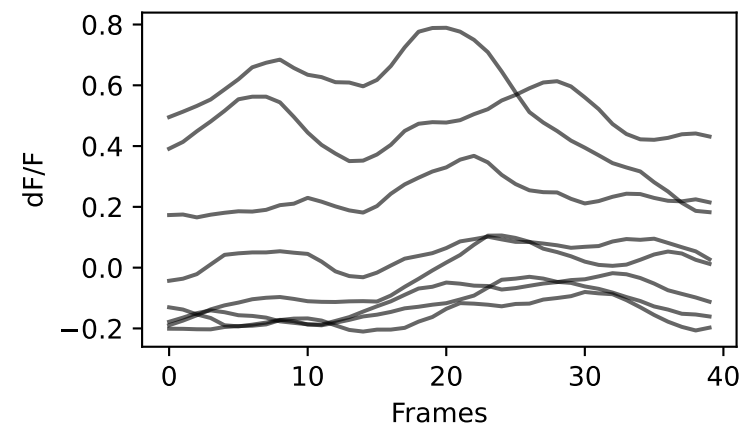
Session 1



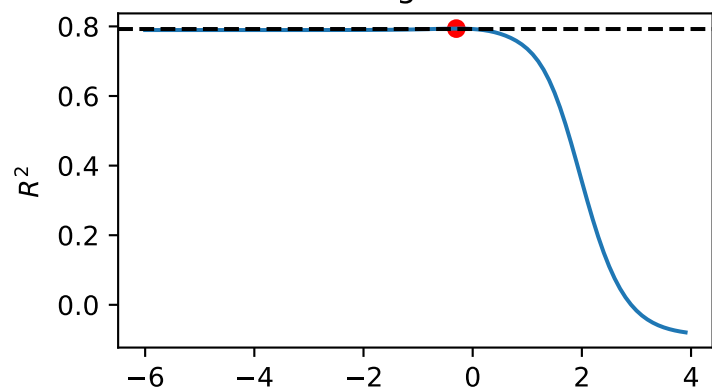
Session 2



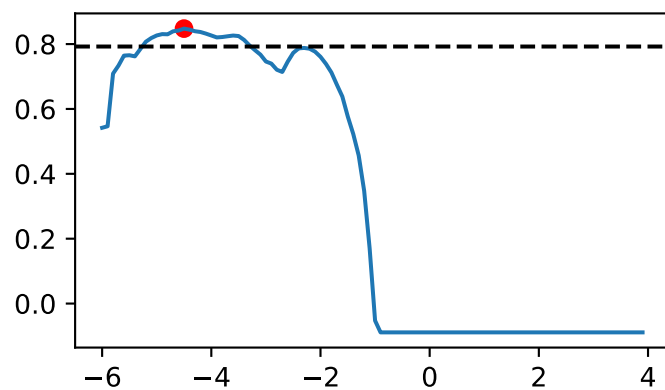
Session 3



Ridge  $R^2$



Lasso  $R^2$

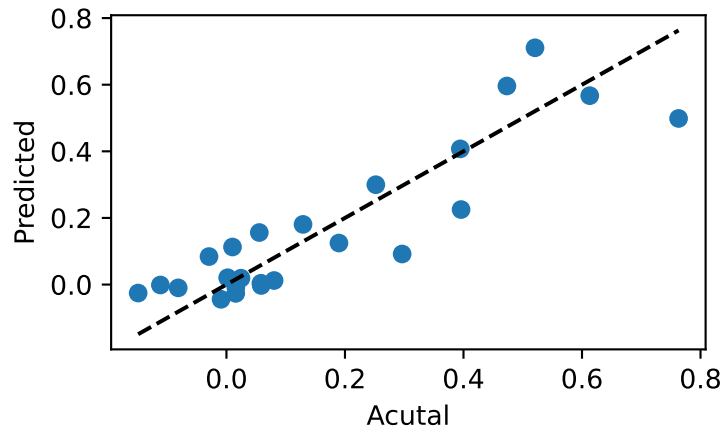


Lin 1-1  $R^2 = 0.79$

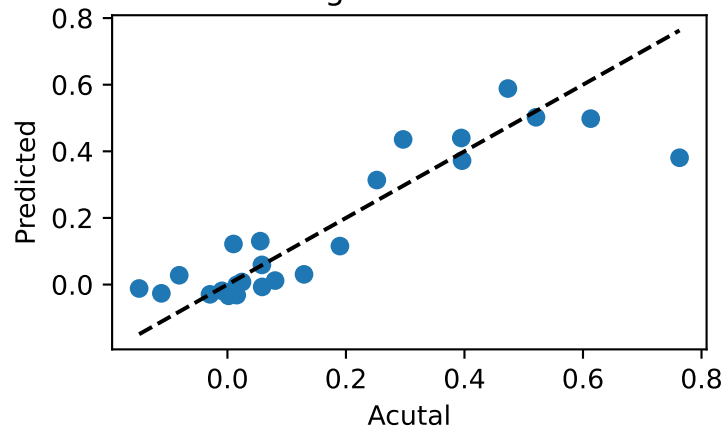
Ridge  $R^2 = 0.79$

Lasso  $R^2 = 0.85$

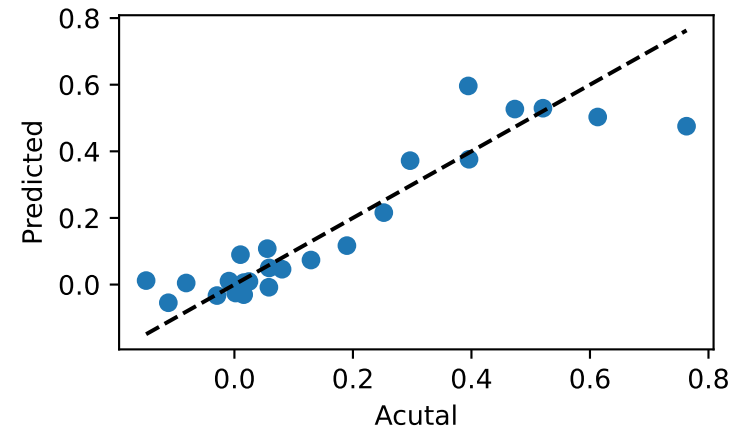
Lin 1-1



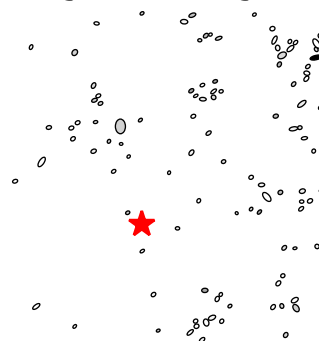
Ridge  $\alpha=5.0e-01$



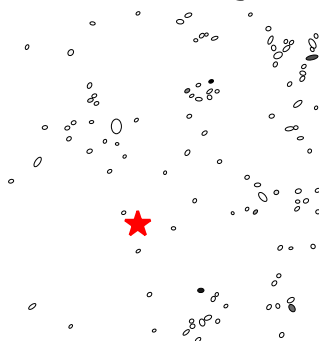
Lasso  $\alpha=3.2e-05$



Ridge ROI Weights

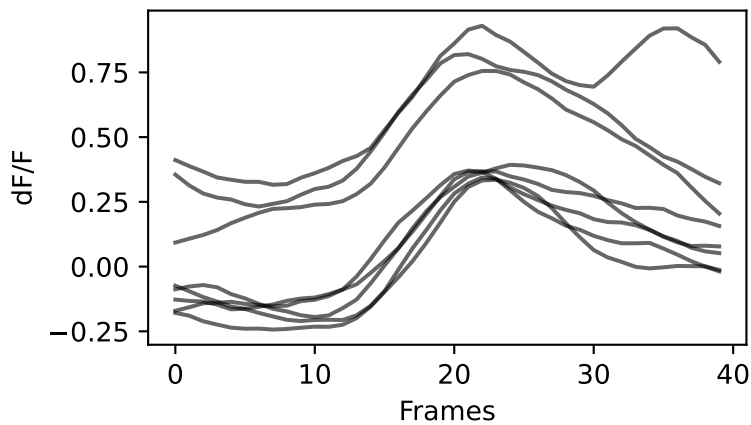


Lasso ROI Weights

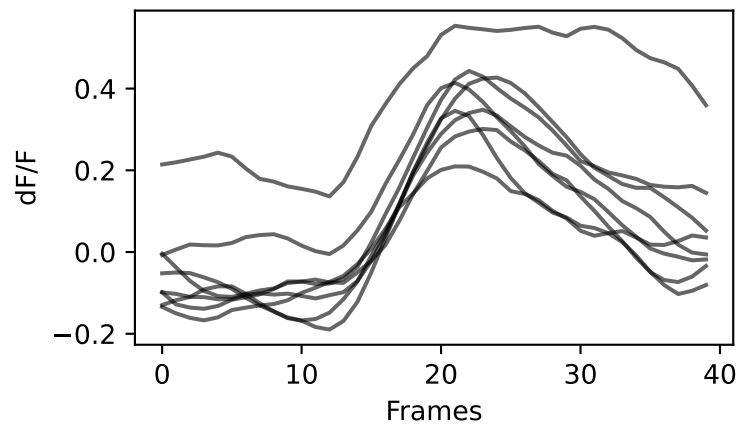


# Config 30, ROI 26

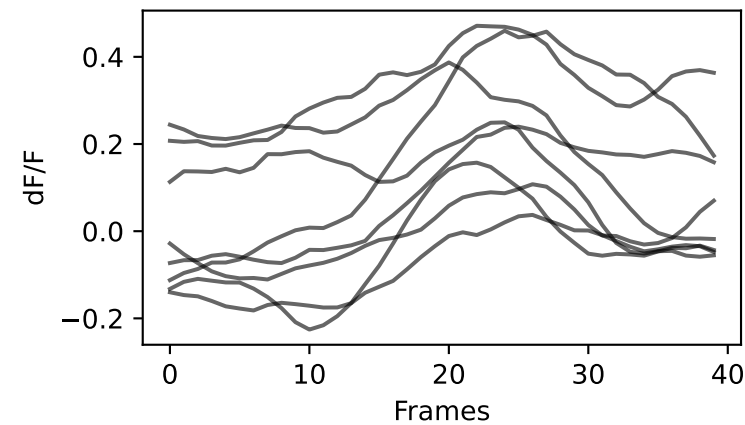
Session 1



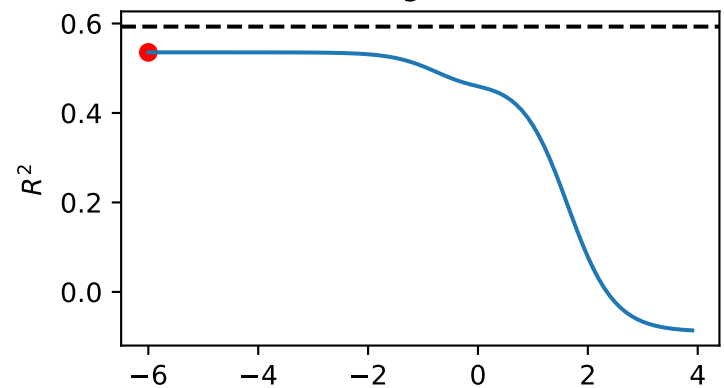
Session 2



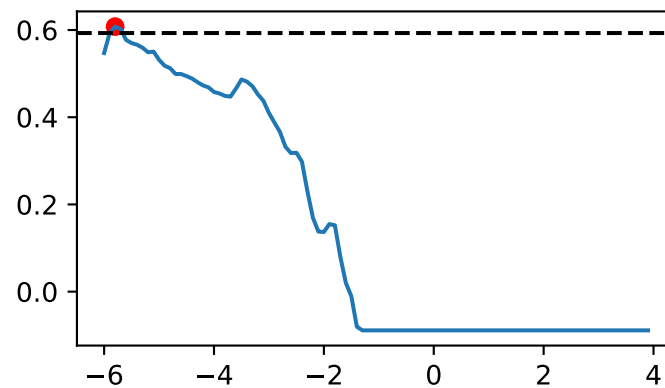
Session 3



Ridge  $R^2$



Lasso  $R^2$

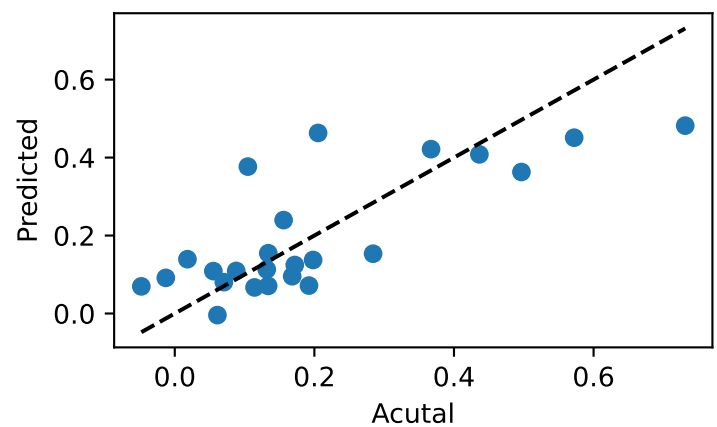


Lin 1-1  $R^2 = 0.59$

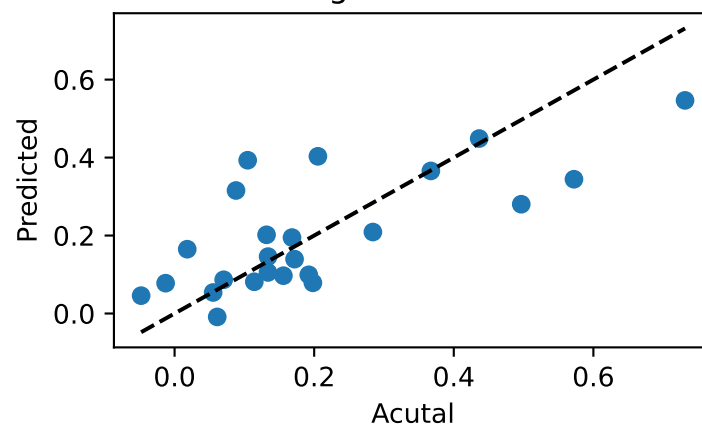
Ridge  $R^2 = 0.54$

Lasso  $R^2 = 0.61$

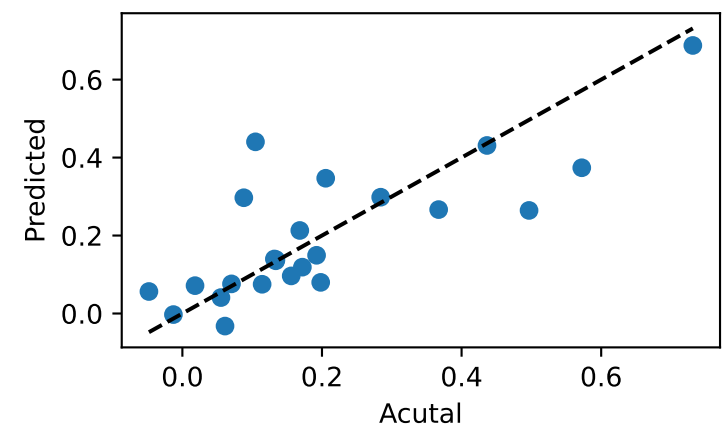
Lin 1-1



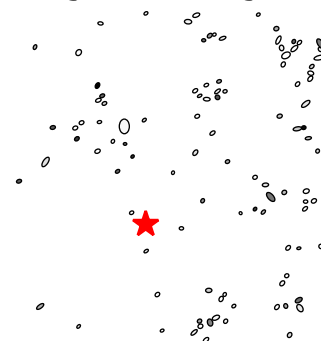
Ridge  $\alpha=1.0\text{e-}06$



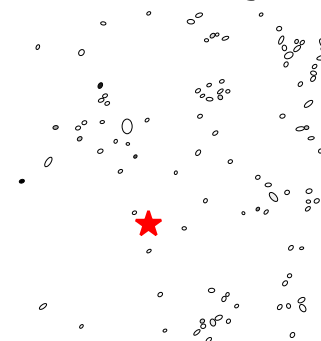
Lasso  $\alpha=1.6\text{e-}06$



Ridge ROI Weights



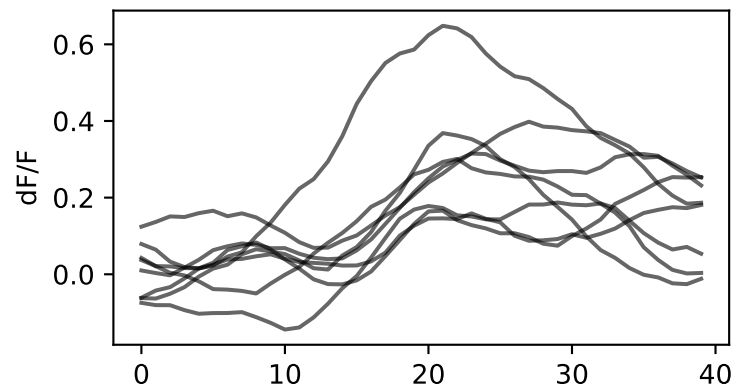
Lasso ROI Weights



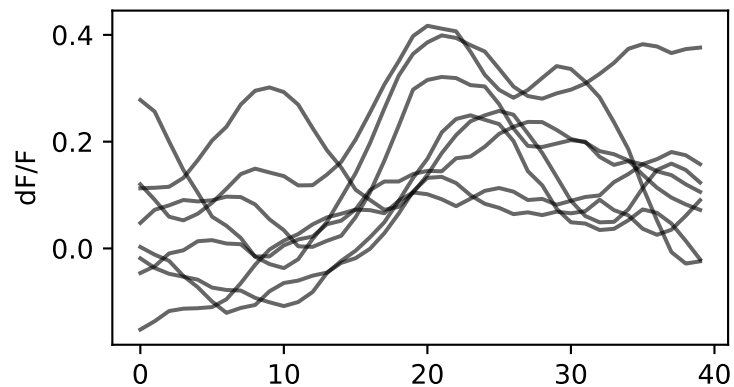


# Config 9, ROI 27

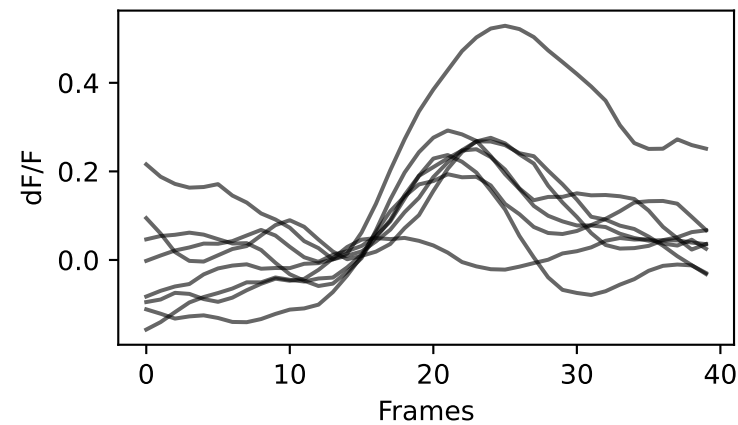
Session 1



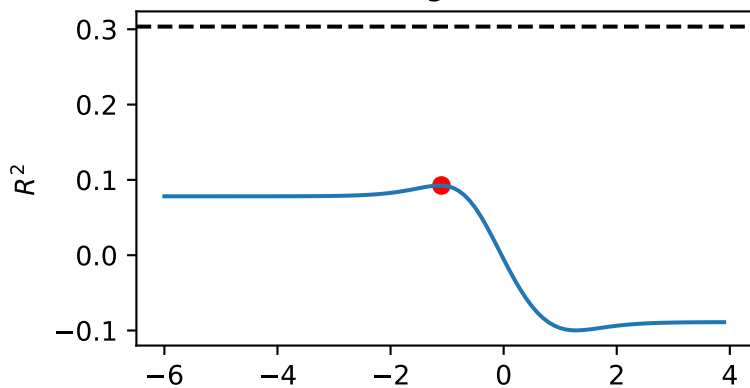
Session 2



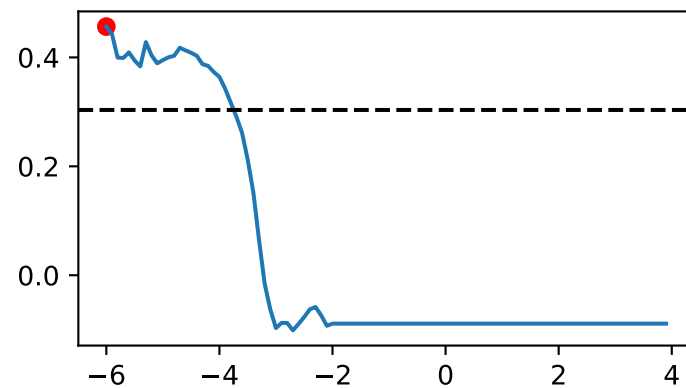
Session 3



Ridge  $R^2$

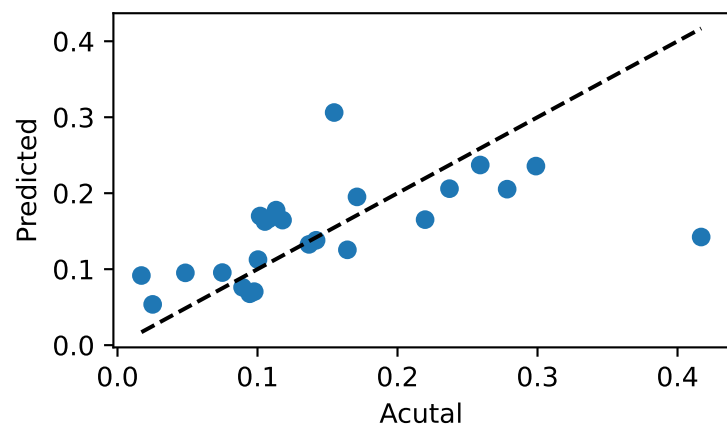


Lasso  $R^2$

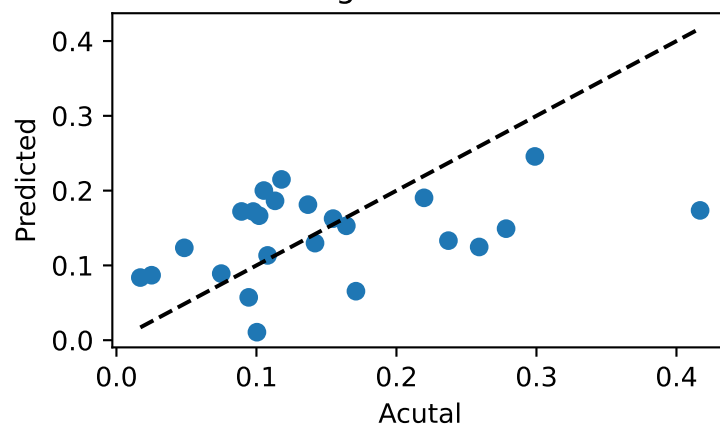


Lin 1-1  $R^2 = 0.30$   
Ridge  $R^2 = 0.09$   
Lasso  $R^2 = 0.46$

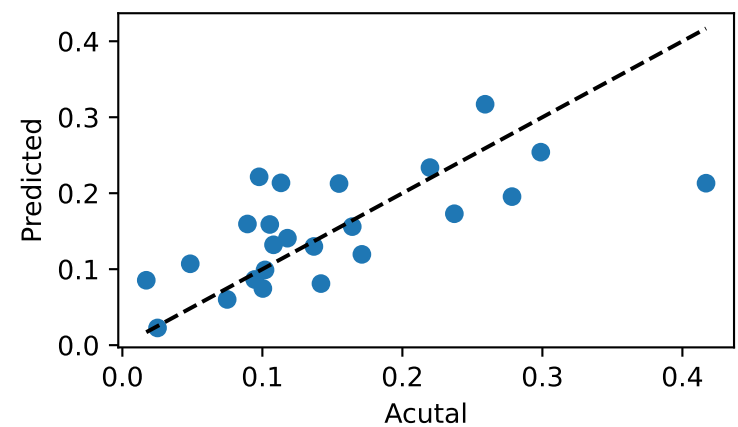
Lin 1-1



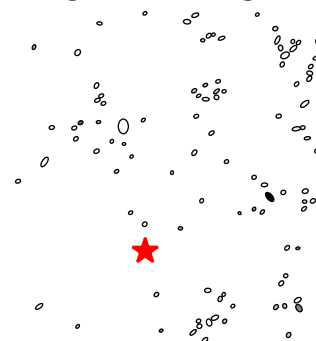
Ridge  $\alpha=7.9e-02$



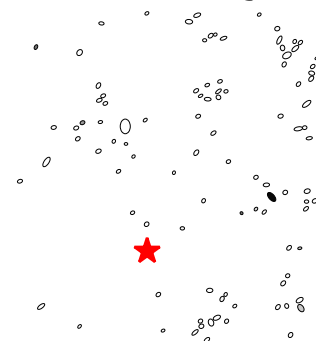
Lasso  $\alpha=1.0e-06$



Ridge ROI Weights

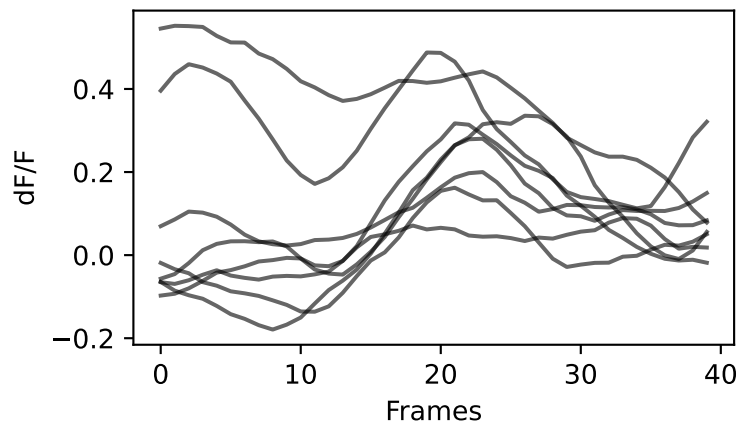


Lasso ROI Weights

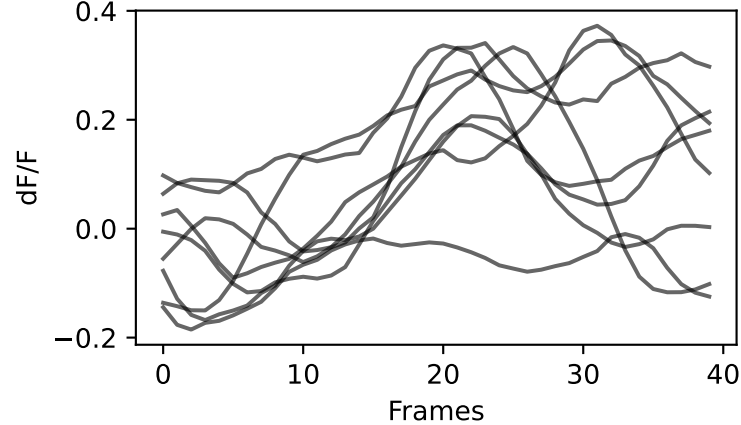


# Config 30, ROI 27

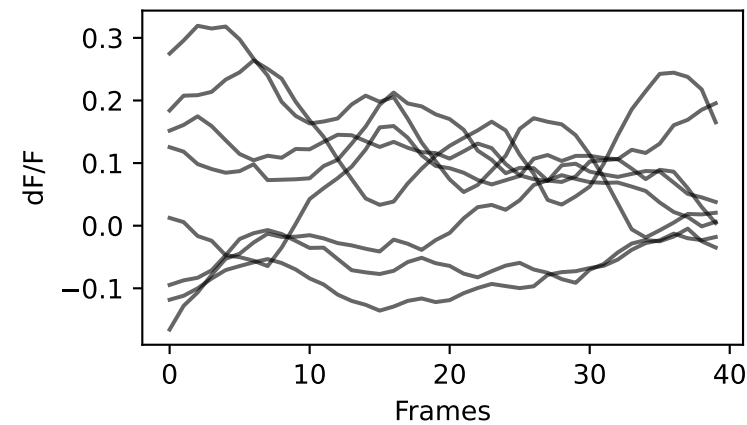
Session 1



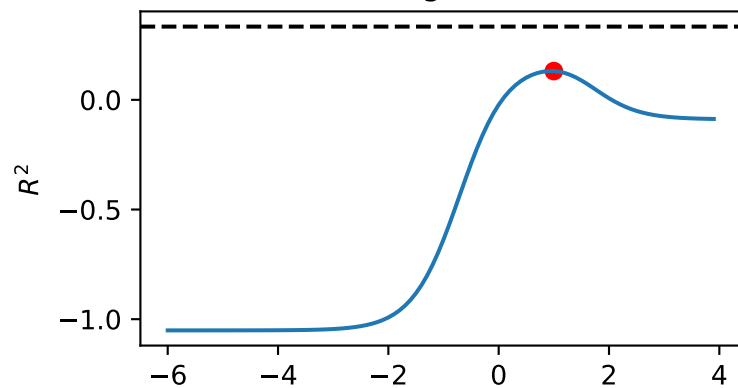
Session 2



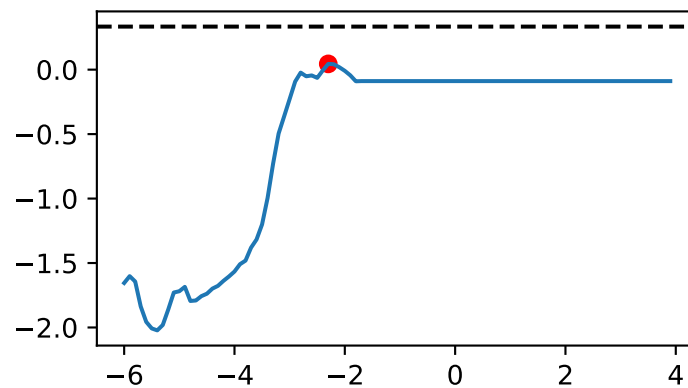
Session 3



Ridge  $R^2$

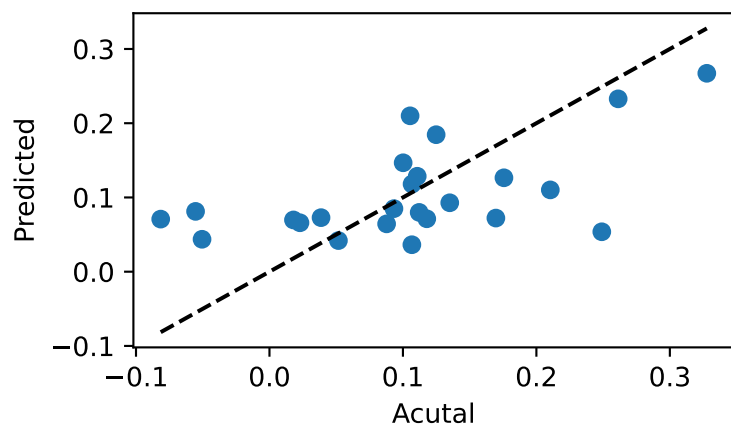


Lasso  $R^2$

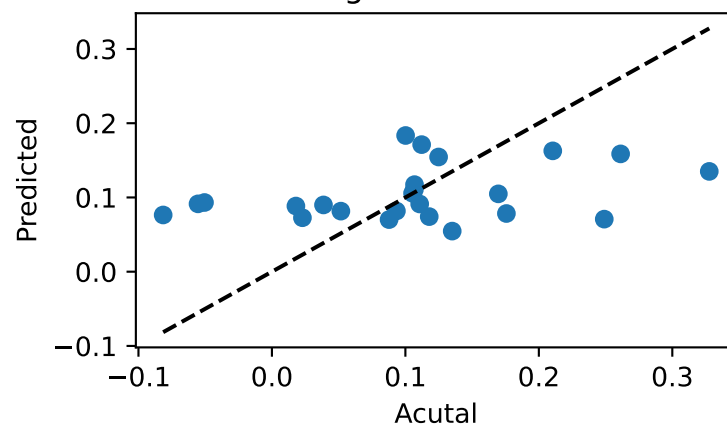


Lin 1-1  $R^2 = 0.33$   
Ridge  $R^2 = 0.13$   
Lasso  $R^2 = 0.04$

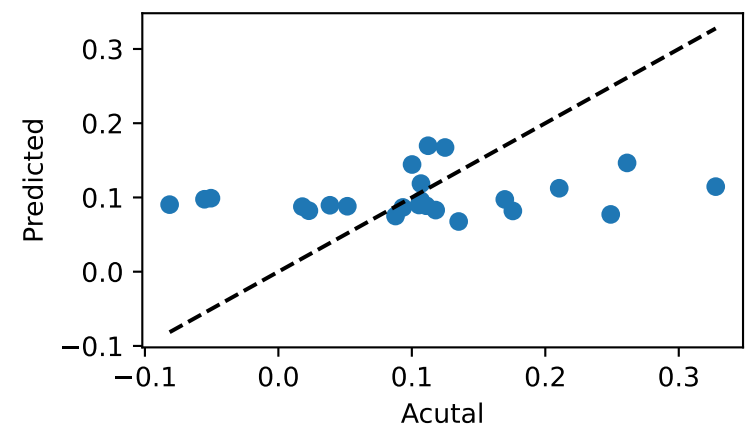
Lin 1-1



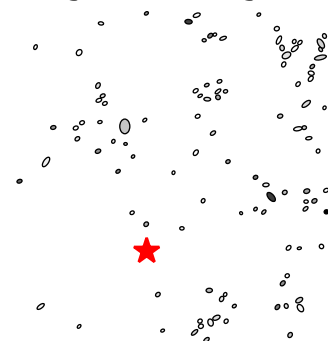
Ridge  $\alpha=1.0\text{e}+01$



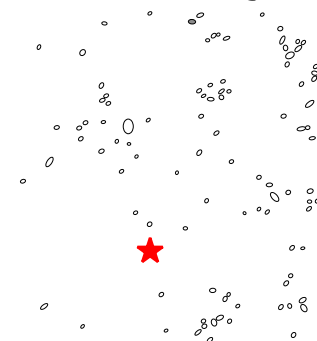
Lasso  $\alpha=5.0\text{e}-03$



Ridge ROI Weights

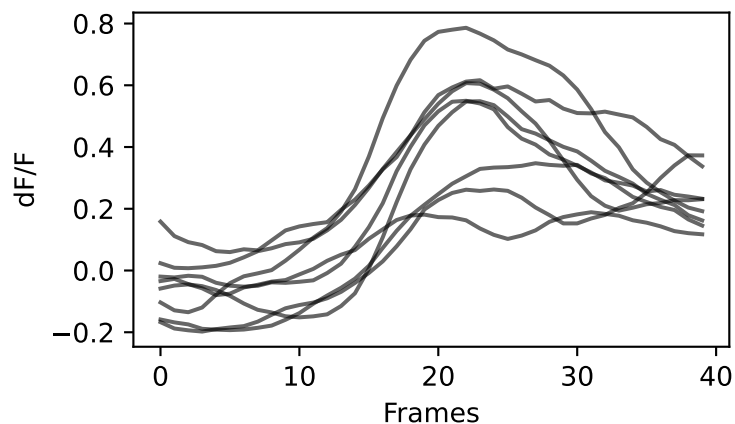


Lasso ROI Weights

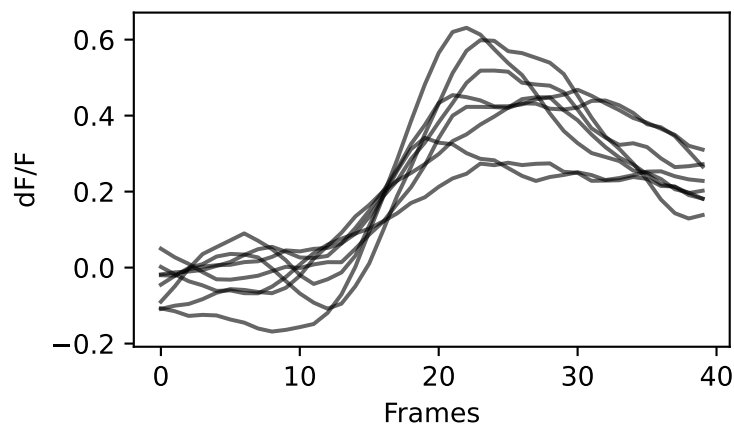


# Config 7, ROI 31

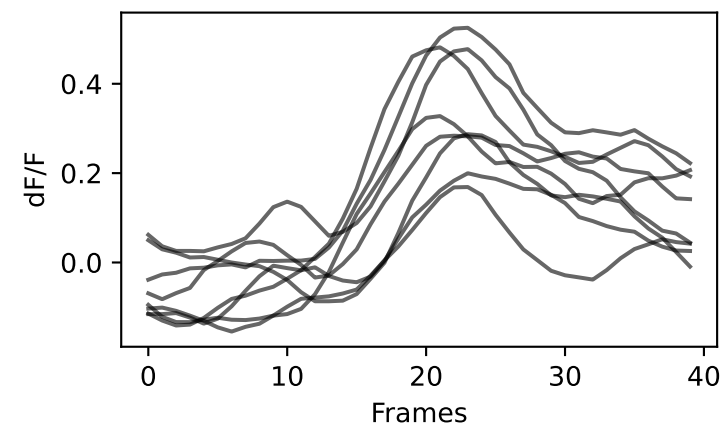
Session 1



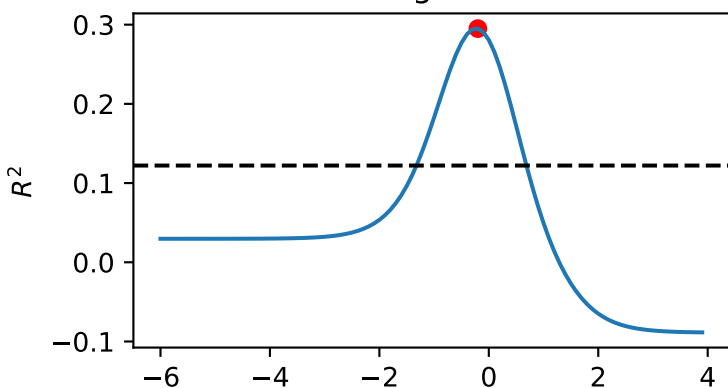
Session 2



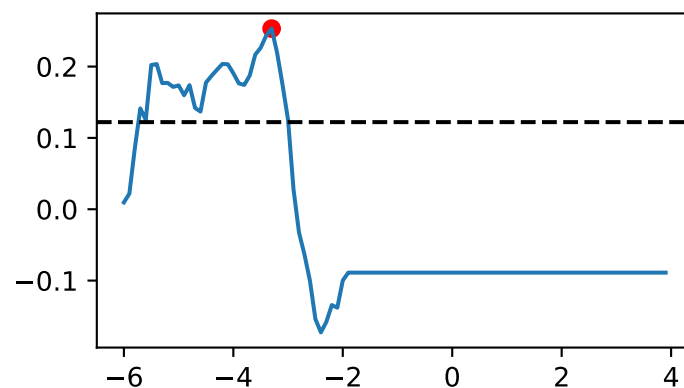
Session 3



Ridge  $R^2$

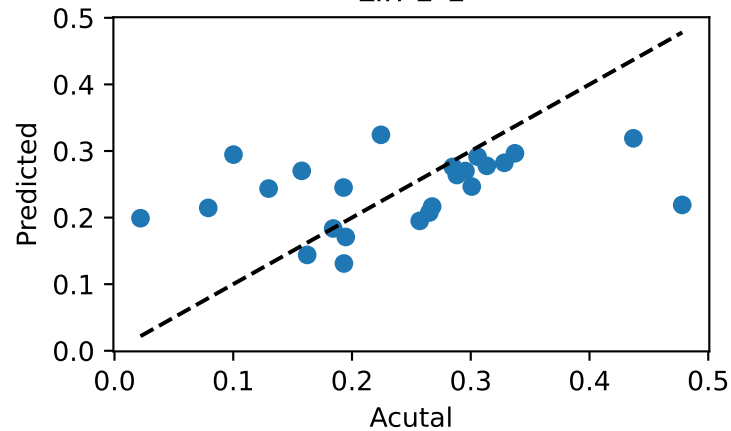


Lasso  $R^2$

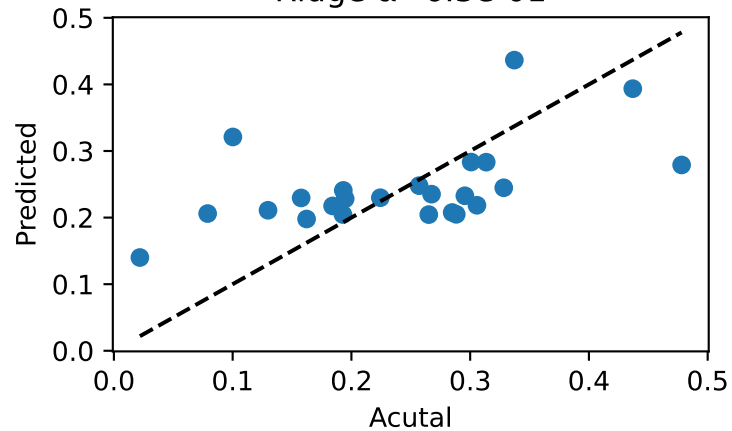


Lin 1-1  $R^2 = 0.12$   
 Ridge  $R^2 = 0.30$   
 Lasso  $R^2 = 0.25$

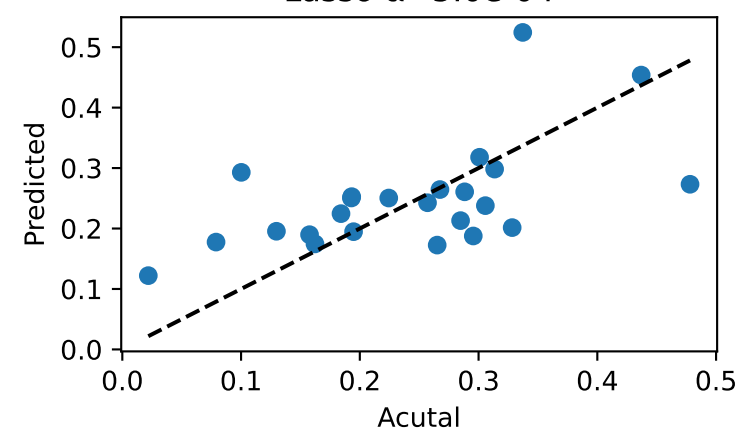
Lin 1-1



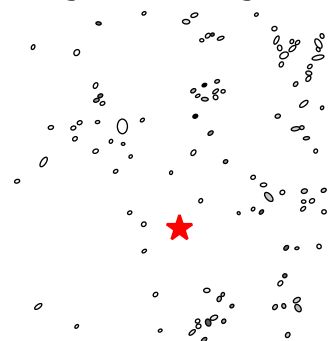
Ridge  $\alpha=6.3e-01$



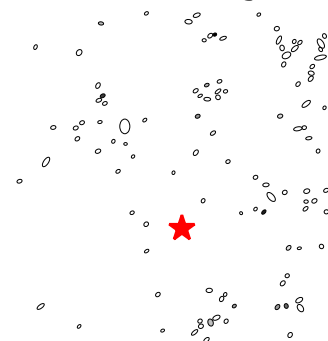
Lasso  $\alpha=5.0e-04$



Ridge ROI Weights

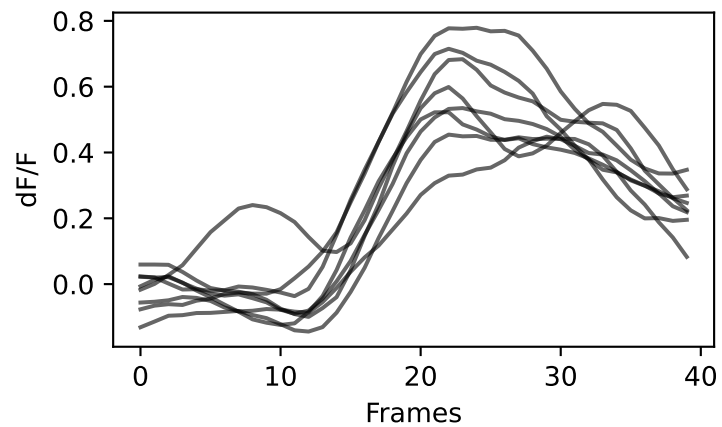


Lasso ROI Weights

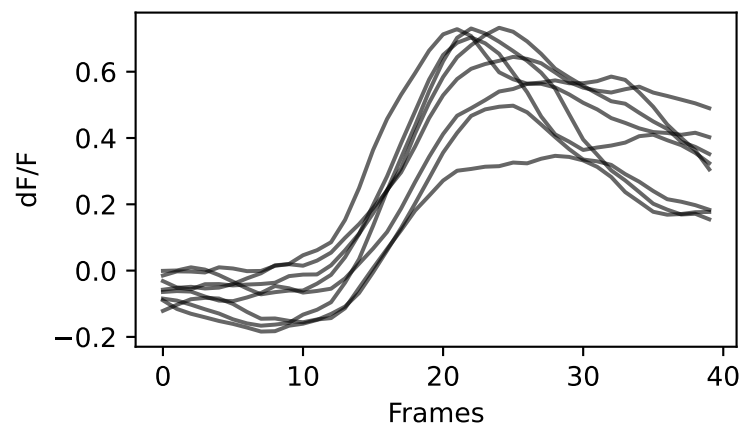


# Config 8, ROI 31

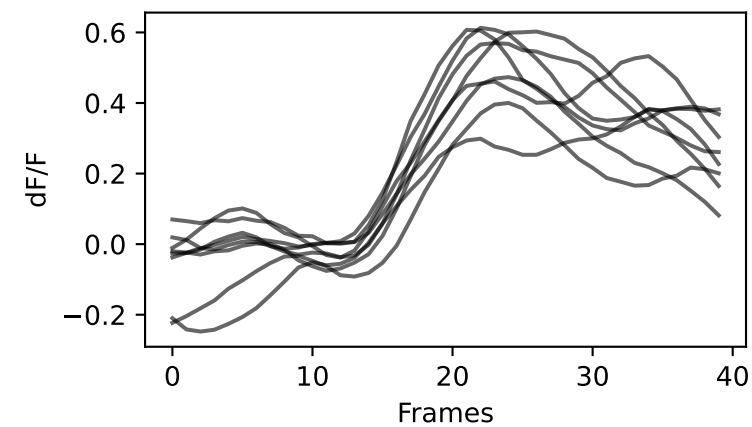
Session 1



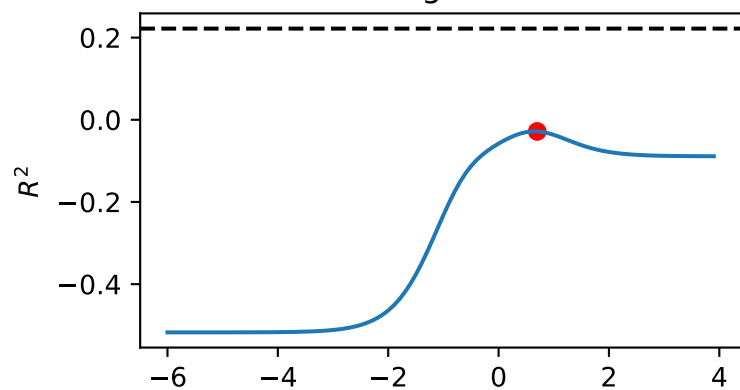
Session 2



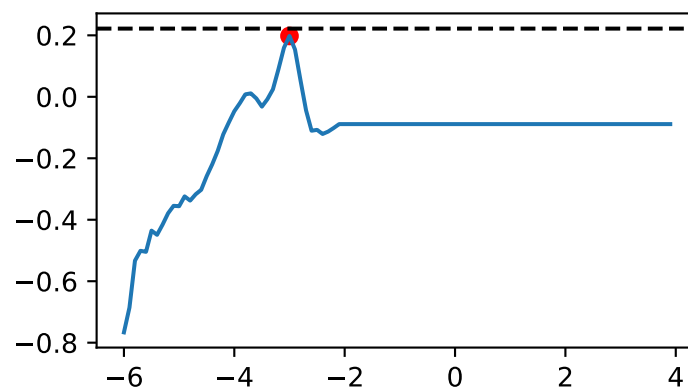
Session 3



Ridge  $R^2$

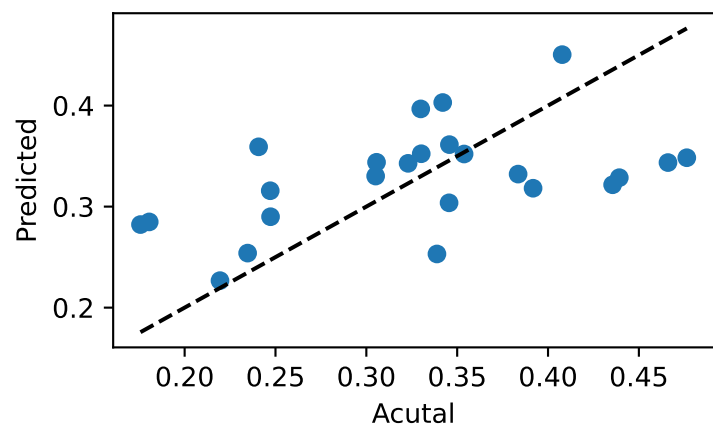


Lasso  $R^2$

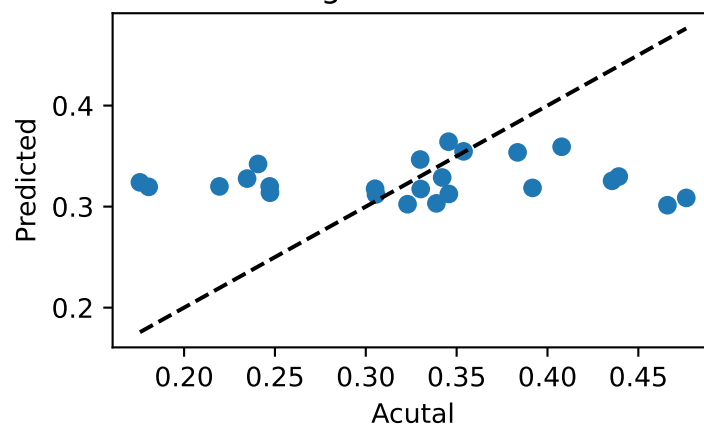


Lin 1-1  $R^2 = 0.22$   
 Ridge  $R^2 = -0.03$   
 Lasso  $R^2 = 0.20$

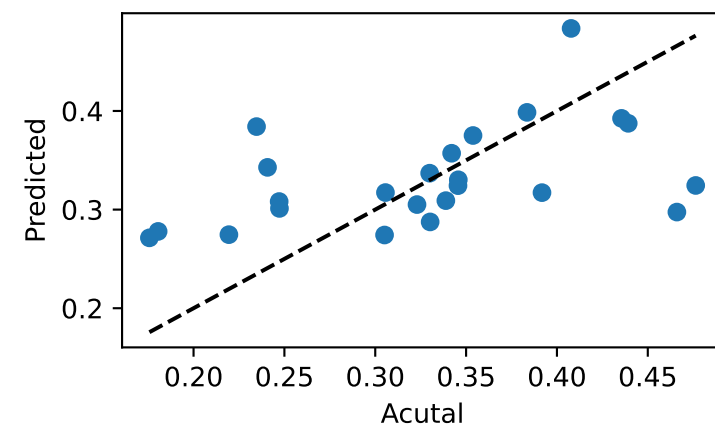
Lin 1-1



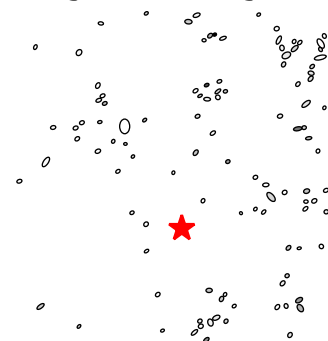
Ridge  $\alpha=5.0e+00$



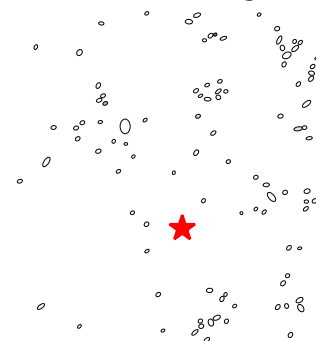
Lasso  $\alpha=1.0e-03$



Ridge ROI Weights

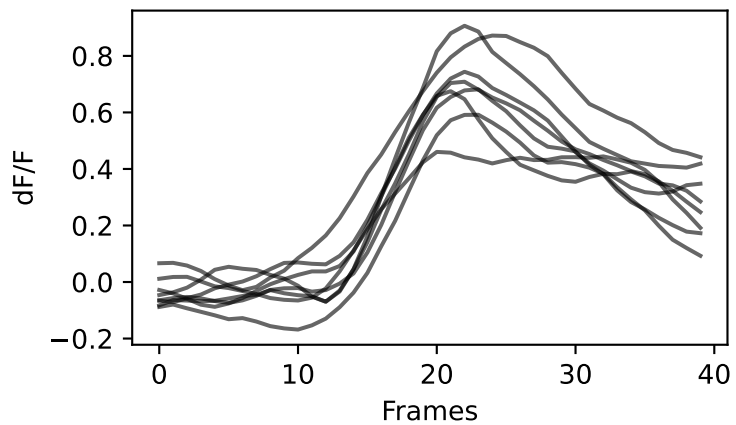


Lasso ROI Weights

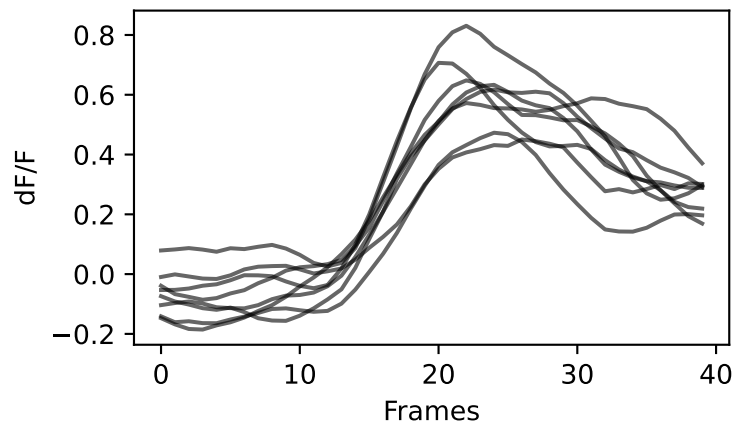


# Config 9, ROI 31

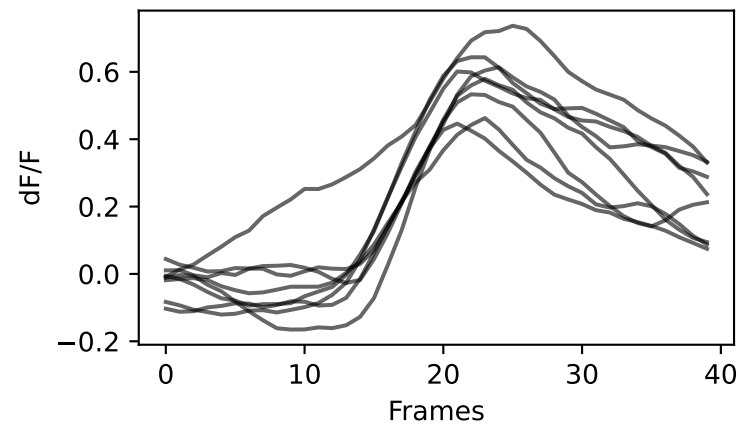
Session 1



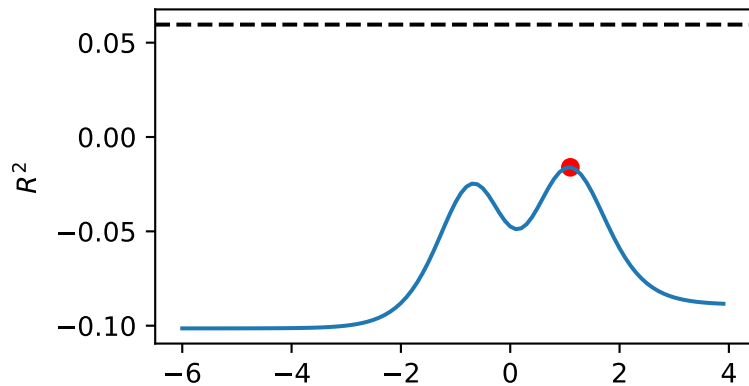
Session 2



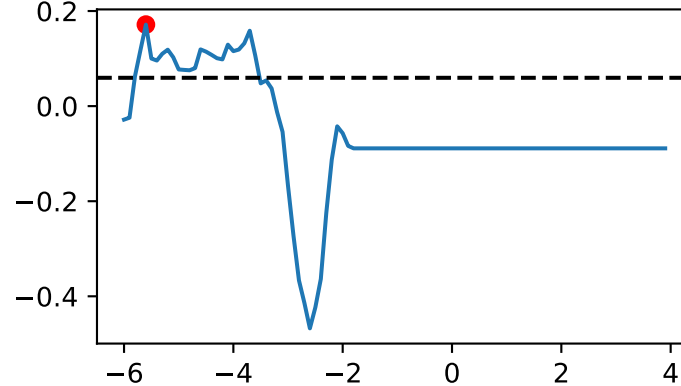
Session 3



Ridge  $R^2$

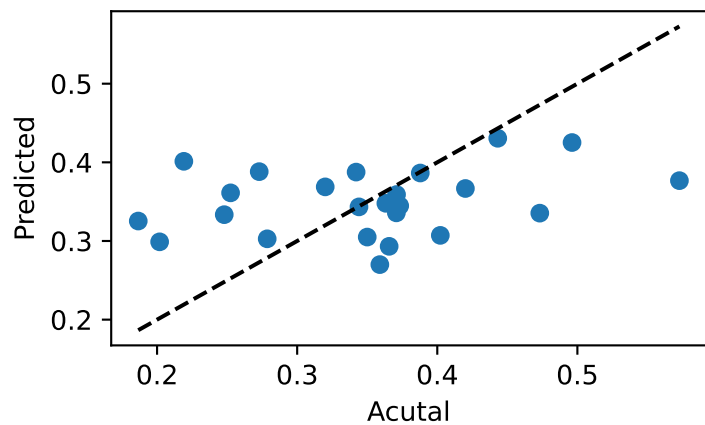


Lasso  $R^2$

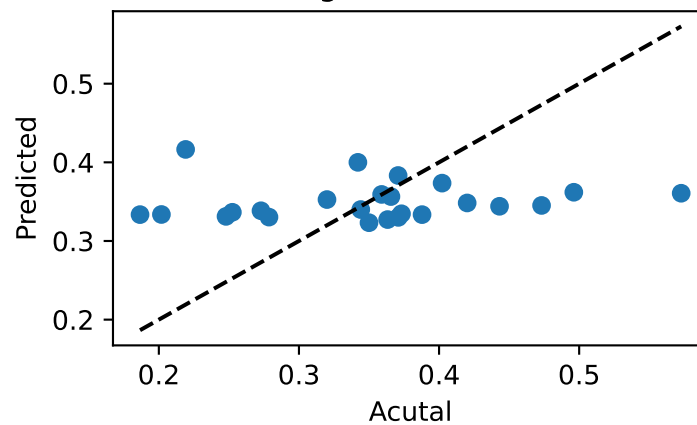


Lin 1-1  $R^2 = 0.06$   
 Ridge  $R^2 = -0.02$   
 Lasso  $R^2 = 0.17$

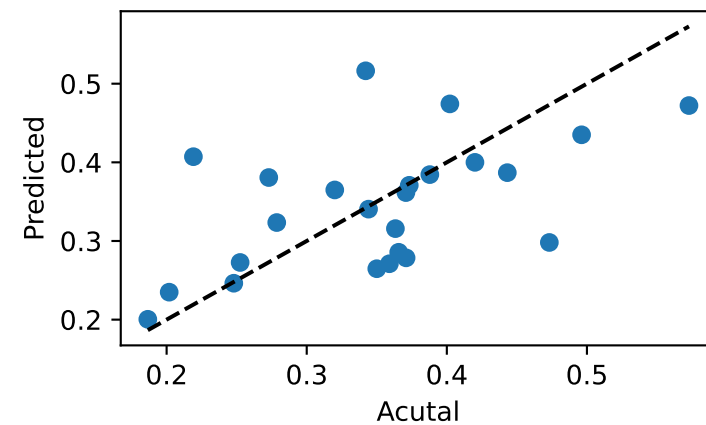
Lin 1-1



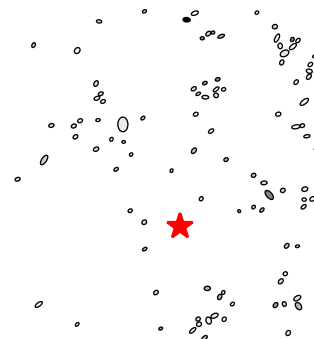
Ridge  $\alpha=1.3e+01$



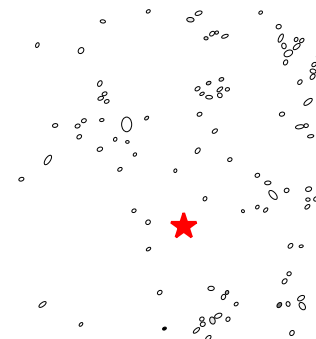
Lasso  $\alpha=2.5e-06$



Ridge ROI Weights

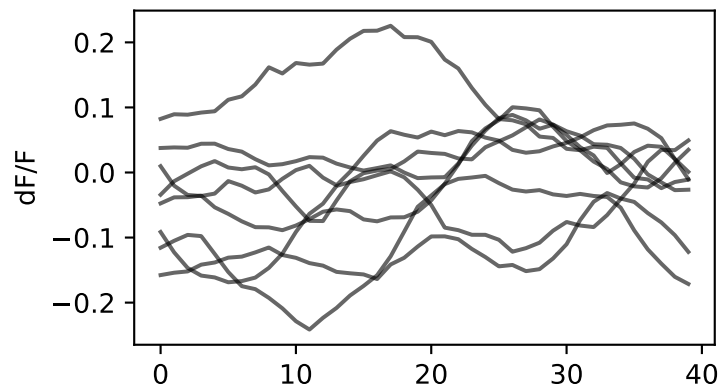


Lasso ROI Weights

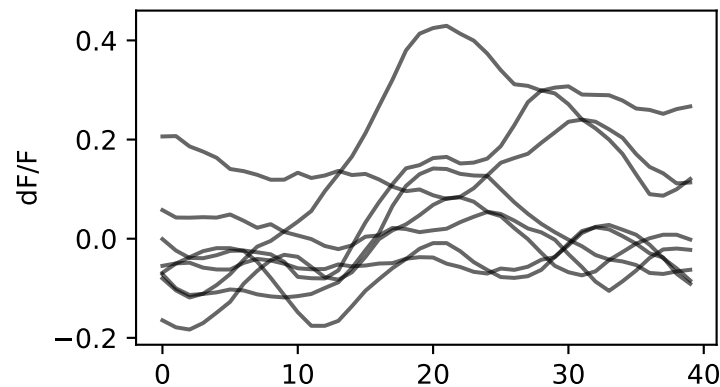


# Config 26, ROI 31

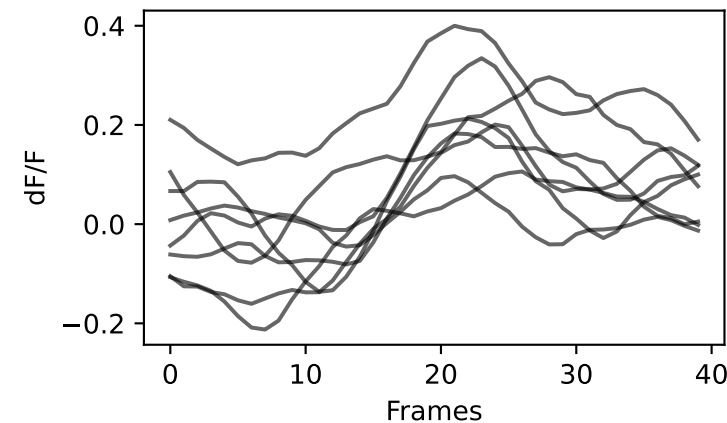
Session 1



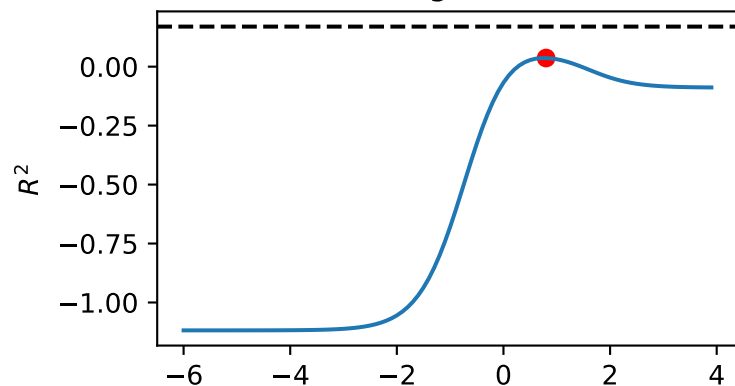
Session 2



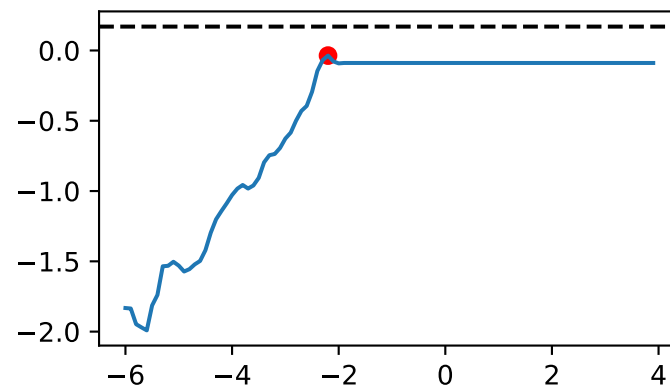
Session 3



Ridge  $R^2$

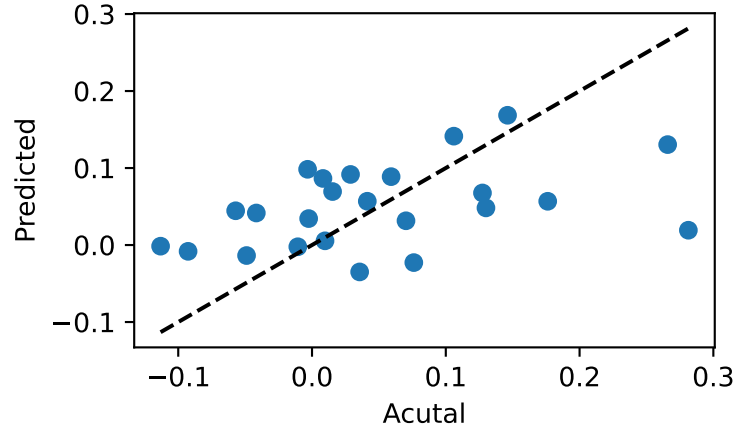


Lasso  $R^2$

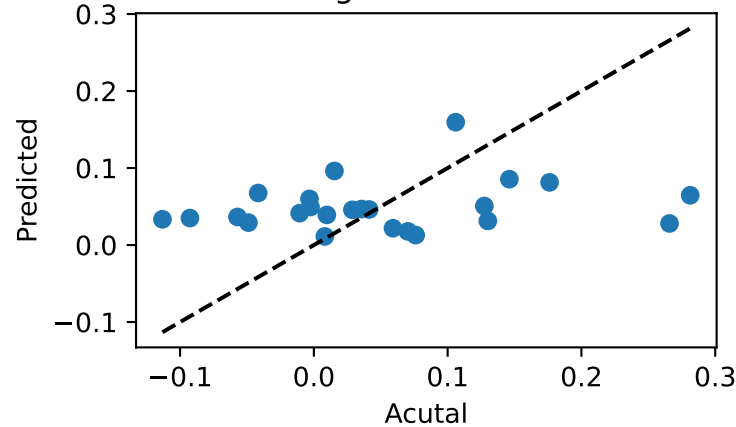


Lin 1-1  $R^2 = 0.17$   
 Ridge  $R^2 = 0.04$   
 Lasso  $R^2 = -0.04$

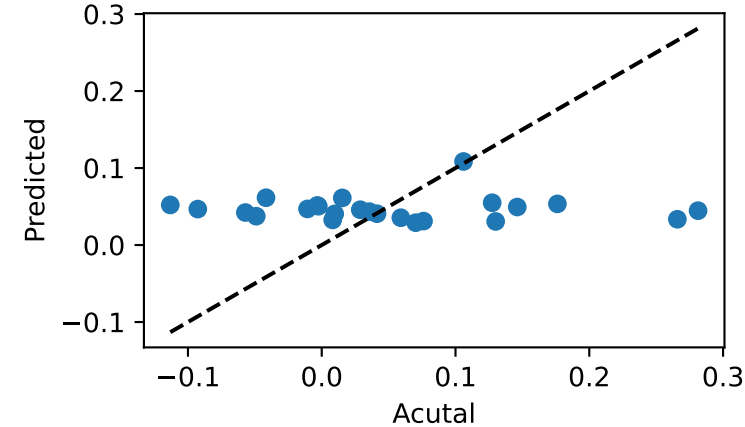
Lin 1-1



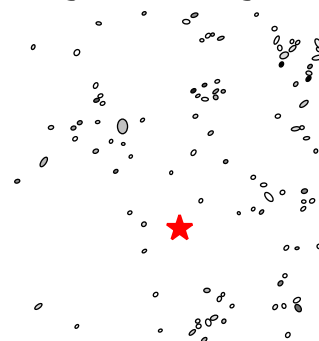
Ridge  $\alpha=6.3e+00$



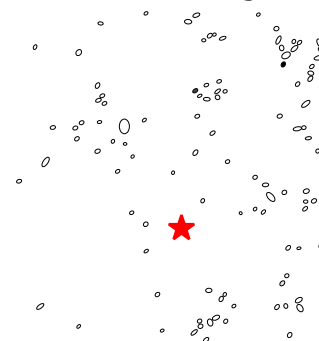
Lasso  $\alpha=6.3e-03$



Ridge ROI Weights

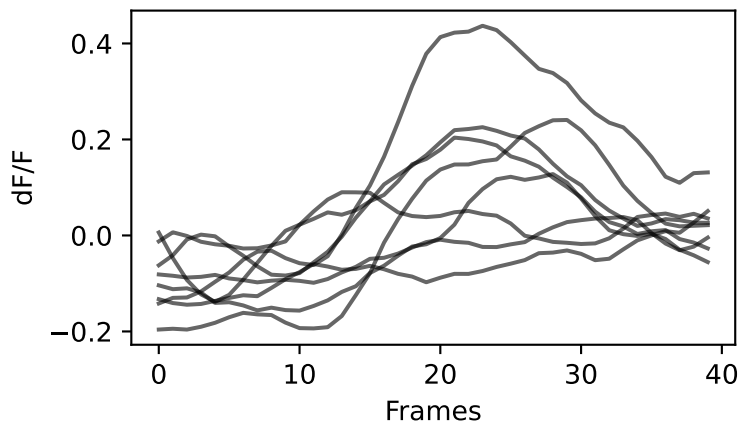


Lasso ROI Weights

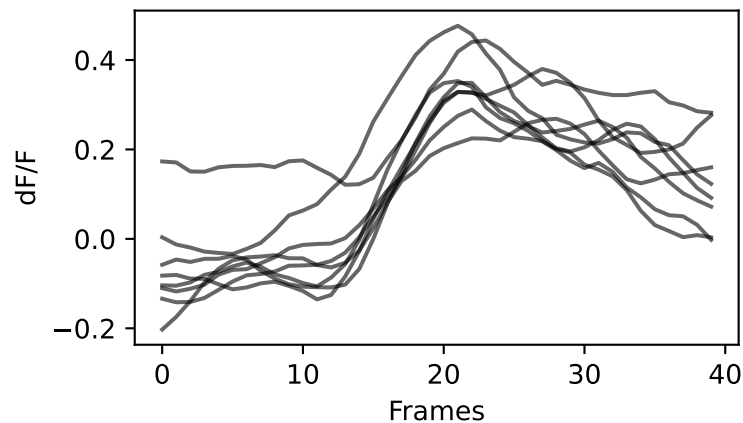


# Config 27, ROI 31

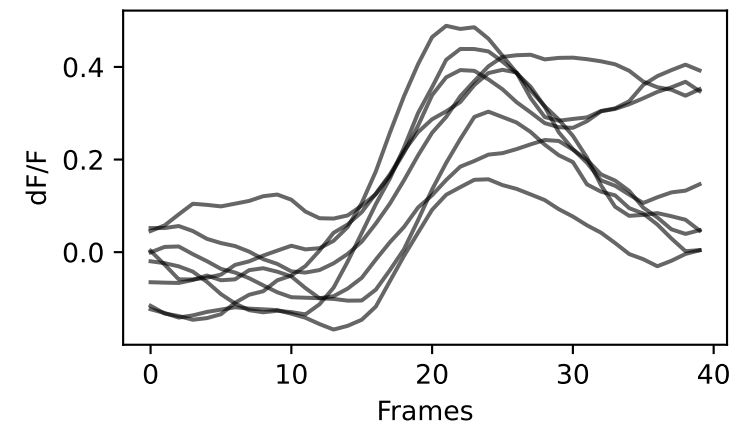
Session 1



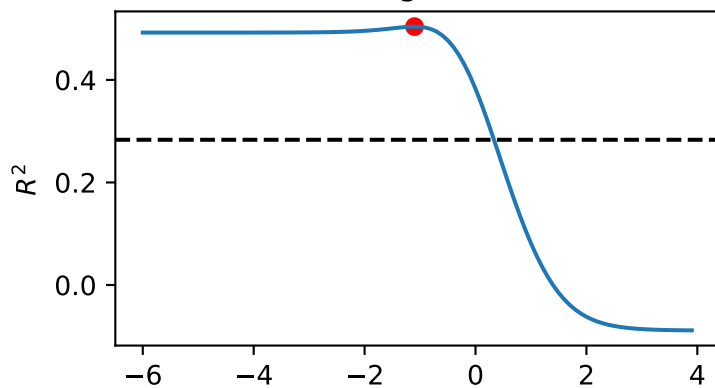
Session 2



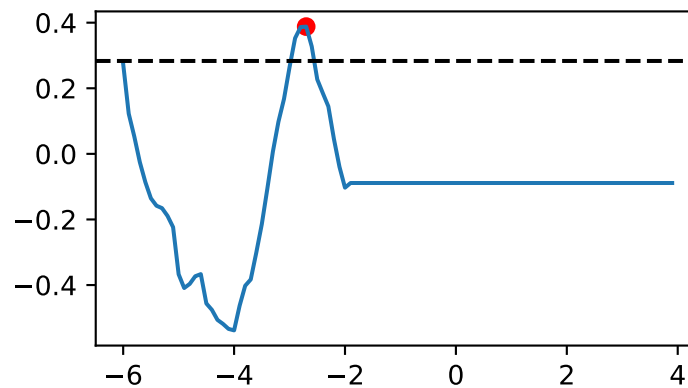
Session 3



Ridge  $R^2$

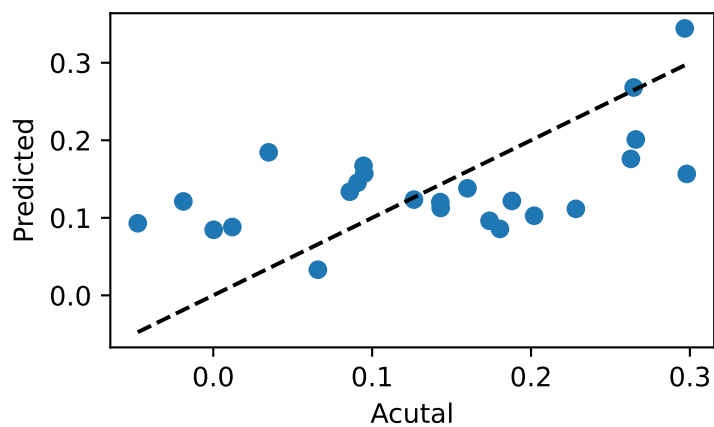


Lasso  $R^2$

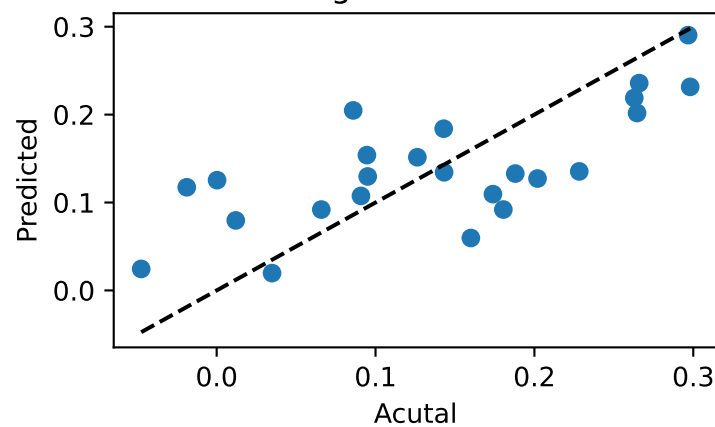


Lin 1-1  $R^2 = 0.28$   
 Ridge  $R^2 = 0.50$   
 Lasso  $R^2 = 0.39$

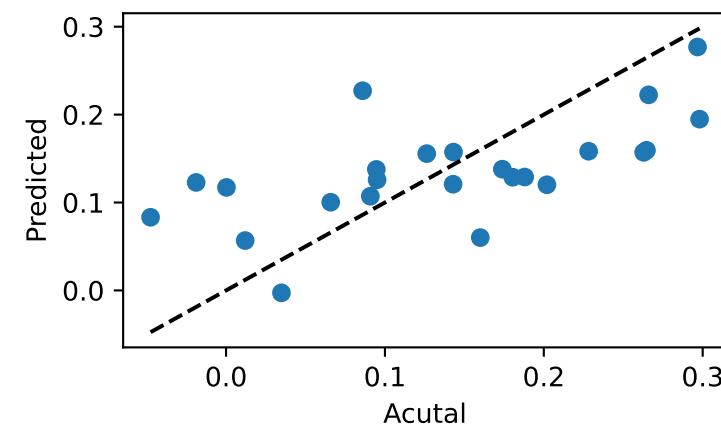
Lin 1-1



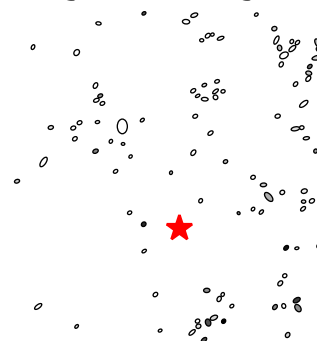
Ridge  $\alpha=7.9\text{e-}02$



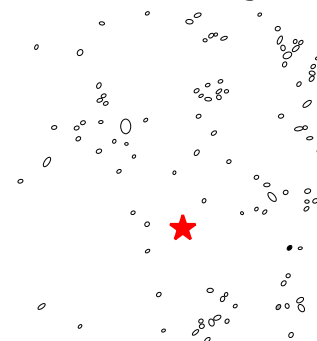
Lasso  $\alpha=2.0\text{e-}03$



Ridge ROI Weights

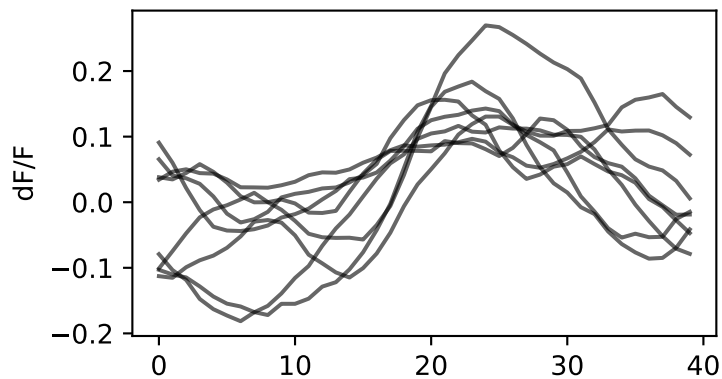


Lasso ROI Weights

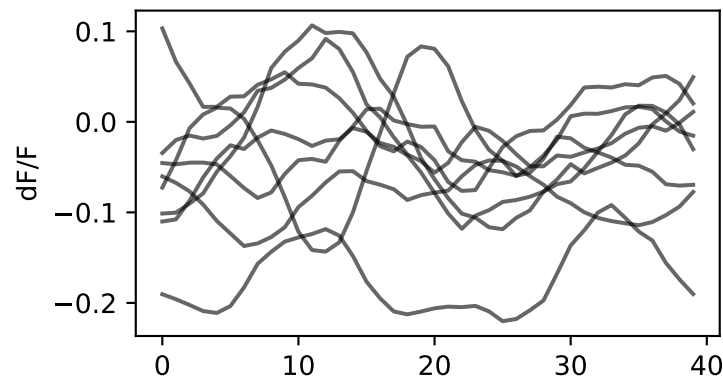


# Config 28, ROI 31

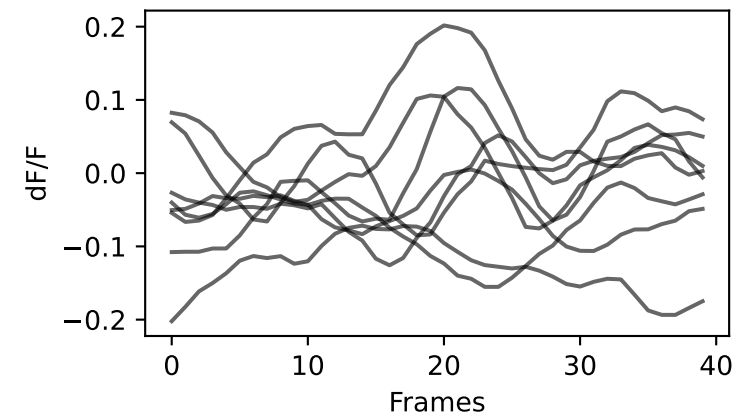
Session 1



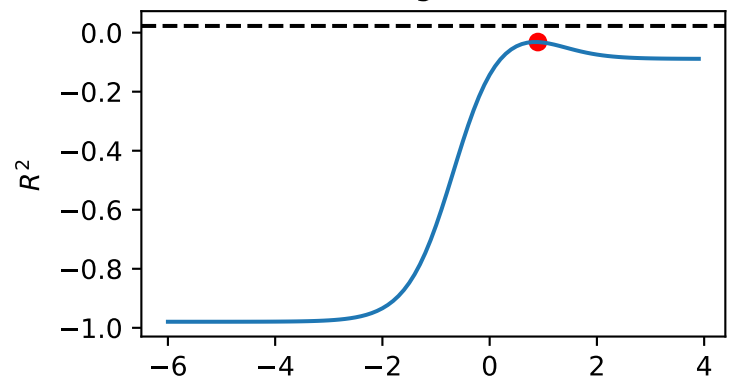
Session 2



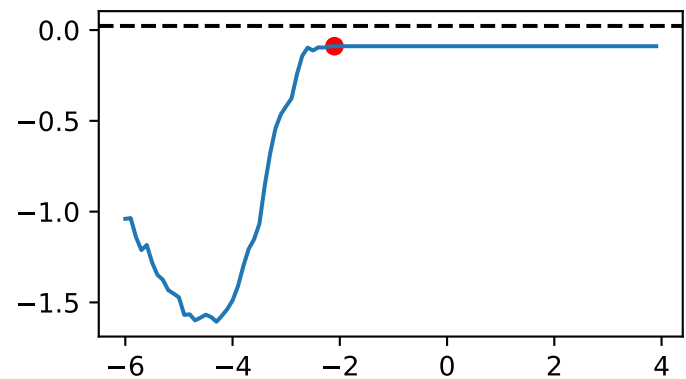
Session 3



Ridge  $R^2$

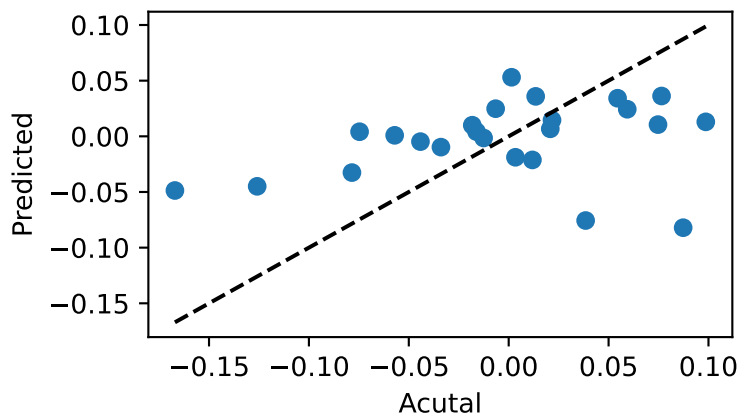


Lasso  $R^2$

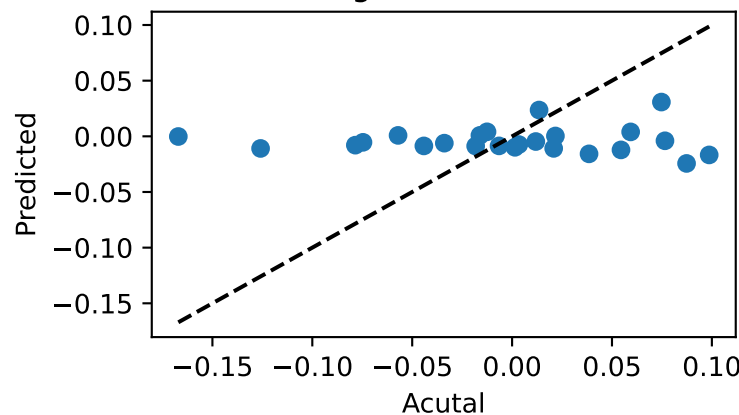


Lin 1-1  $R^2 = 0.02$   
 Ridge  $R^2 = -0.03$   
 Lasso  $R^2 = -0.09$

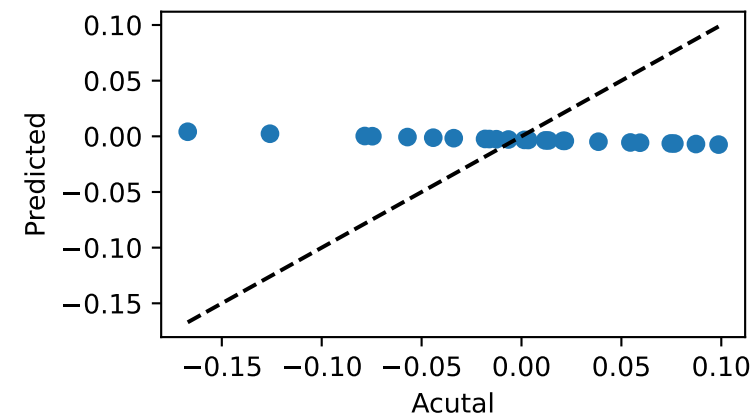
Lin 1-1



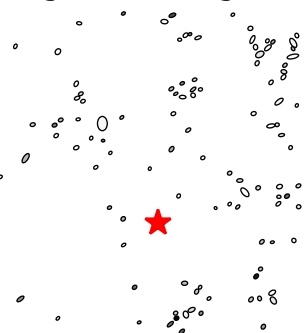
Ridge  $\alpha=7.9e+00$



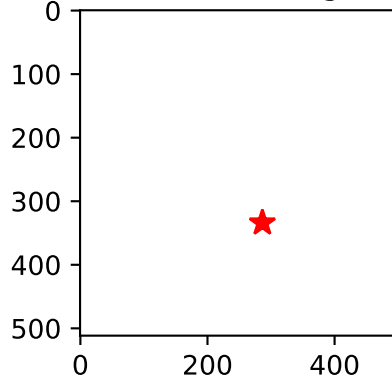
Lasso  $\alpha=7.9e-03$



Ridge ROI Weights



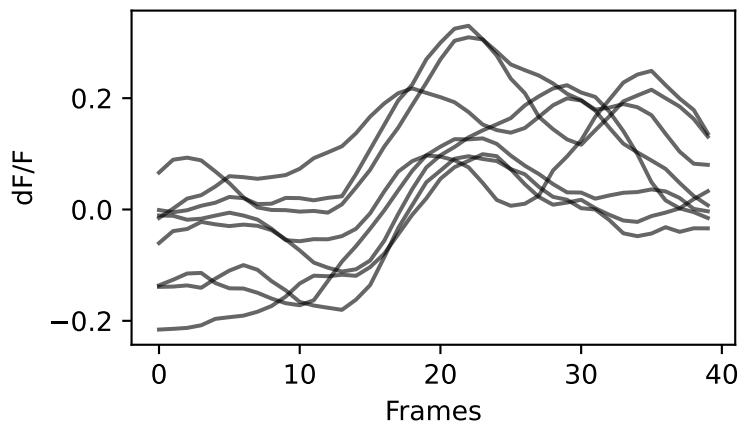
Lasso ROI Weights



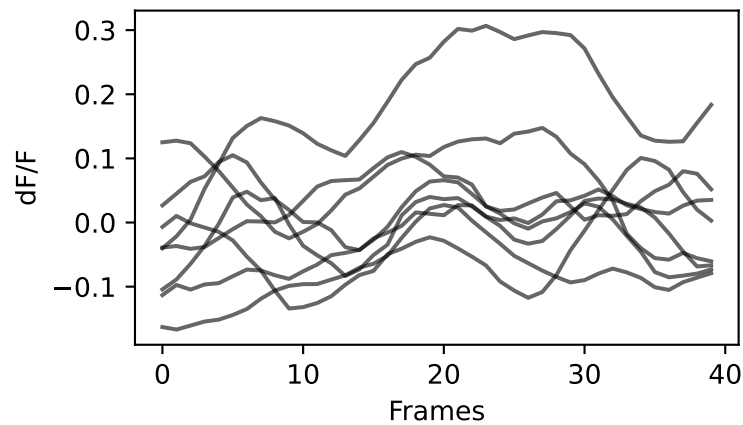


# Config 29, ROI 31

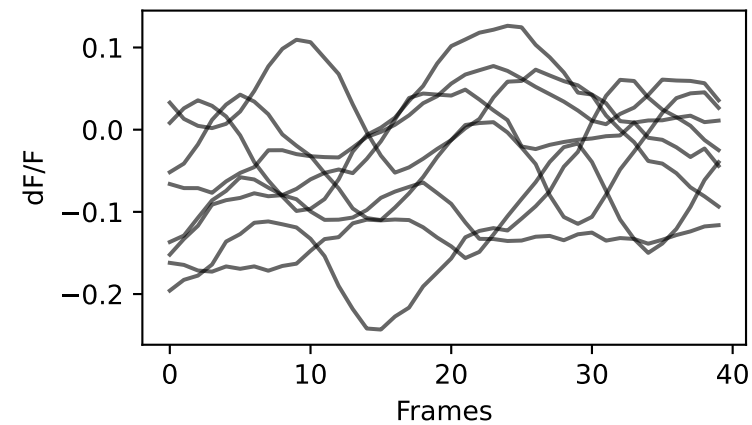
Session 1



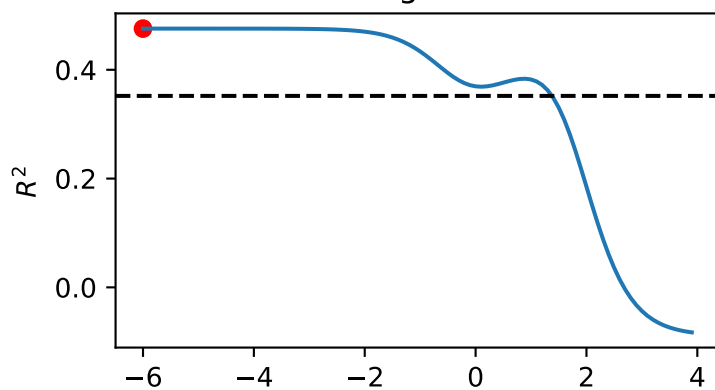
Session 2



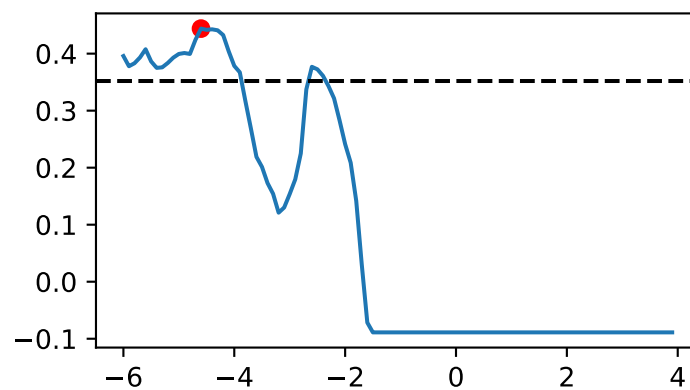
Session 3



Ridge  $R^2$

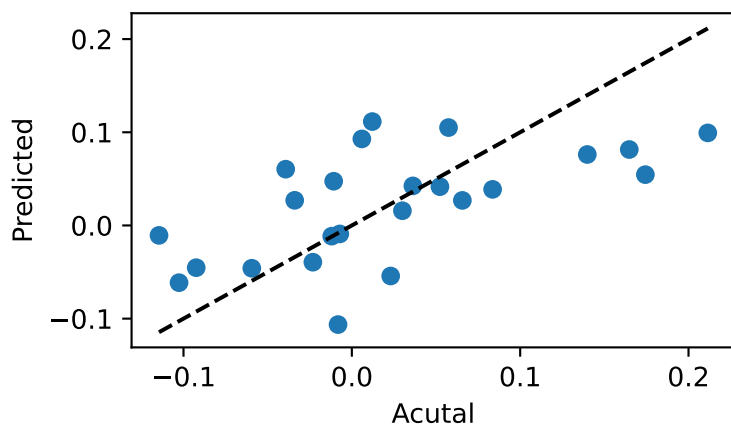


Lasso  $R^2$

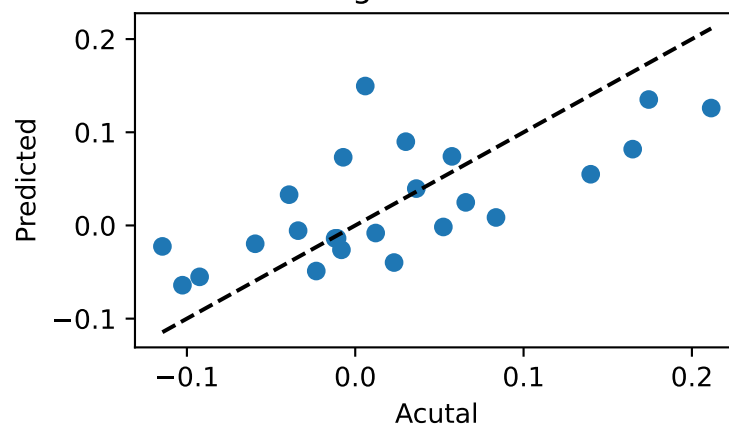


Lin 1-1  $R^2 = 0.35$   
 Ridge  $R^2 = 0.48$   
 Lasso  $R^2 = 0.44$

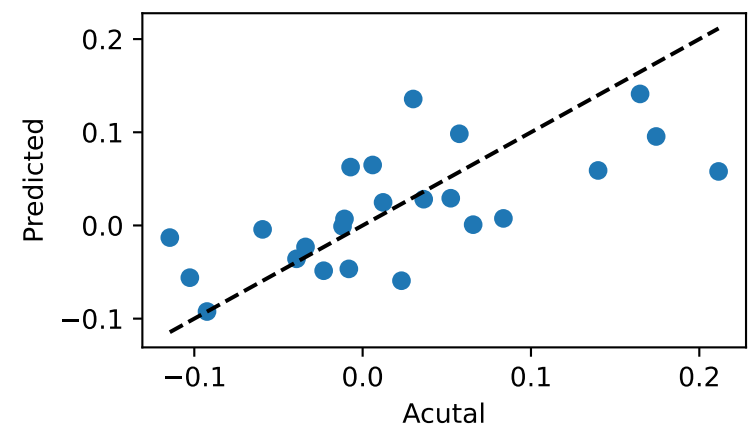
Lin 1-1



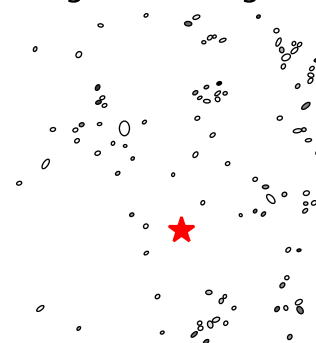
Ridge  $\alpha=1.0\text{e-}06$



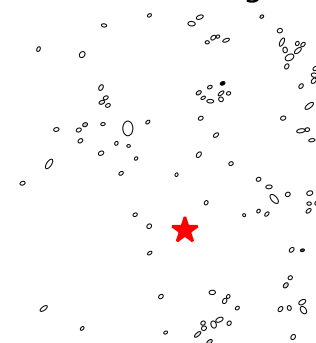
Lasso  $\alpha=2.5\text{e-}05$



Ridge ROI Weights

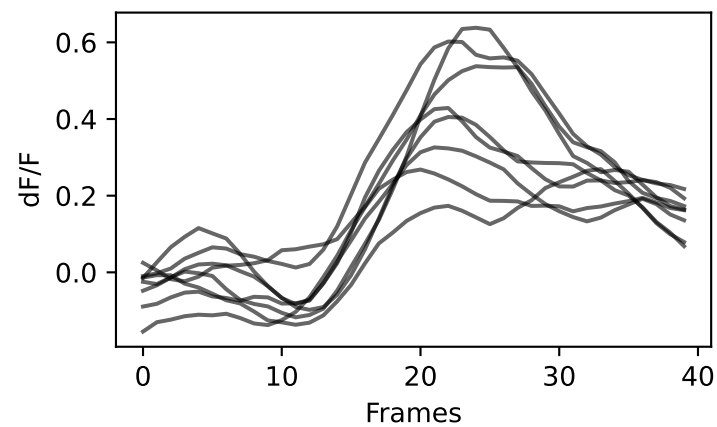


Lasso ROI Weights

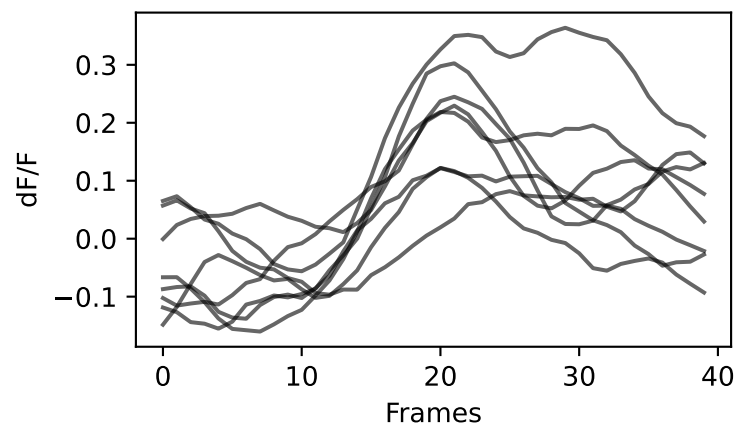


# Config 30, ROI 31

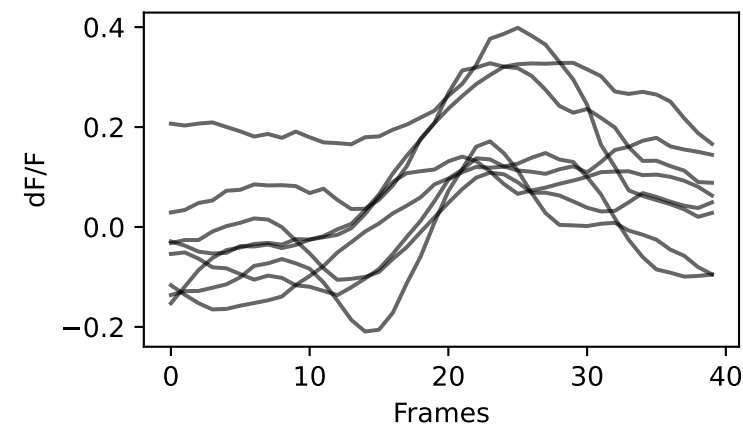
Session 1



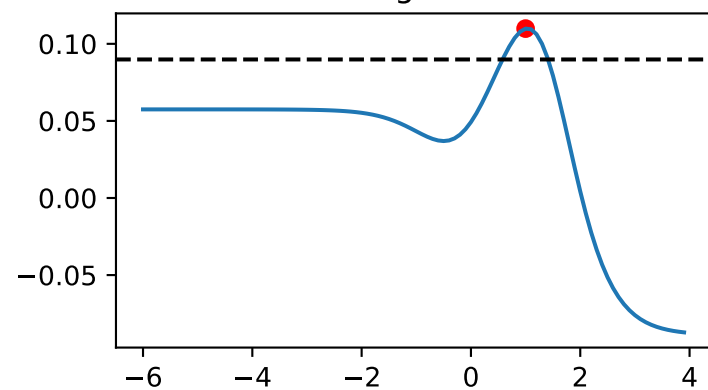
Session 2



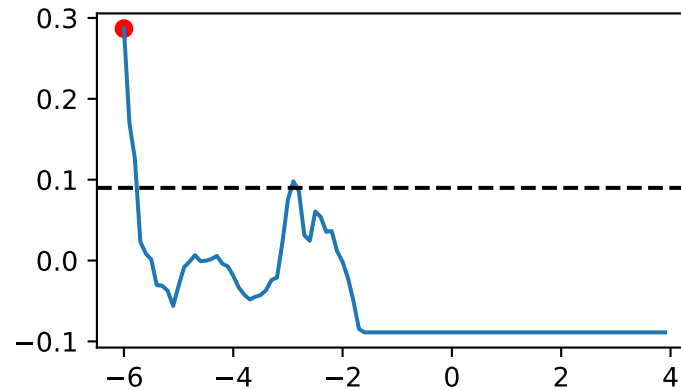
Session 3



Ridge  $R^2$

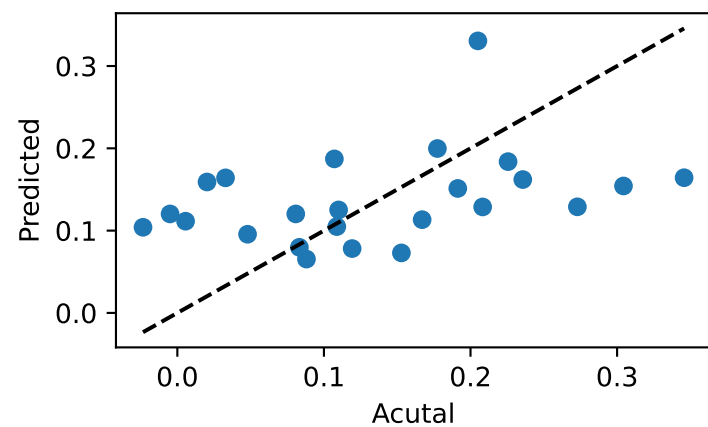


Lasso  $R^2$

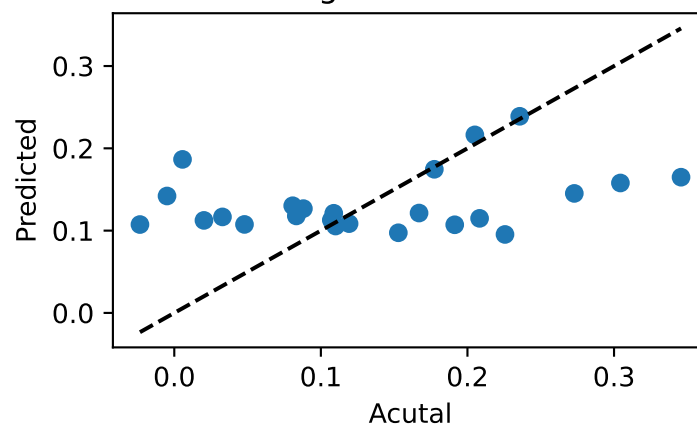


Lin 1-1  $R^2 = 0.09$   
 Ridge  $R^2 = 0.11$   
 Lasso  $R^2 = 0.29$

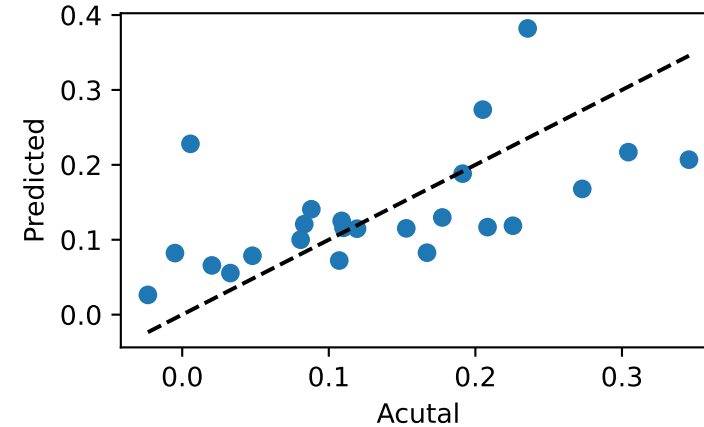
Lin 1-1



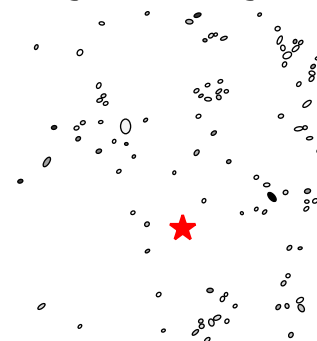
Ridge  $\alpha=1.0e+01$



Lasso  $\alpha=1.0e-06$



Ridge ROI Weights



Lasso ROI Weights

