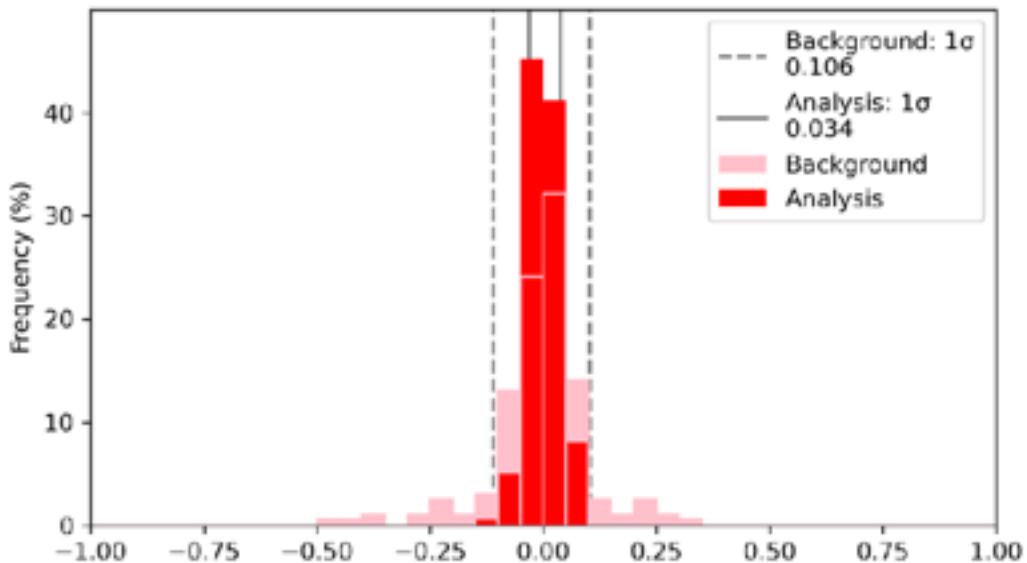
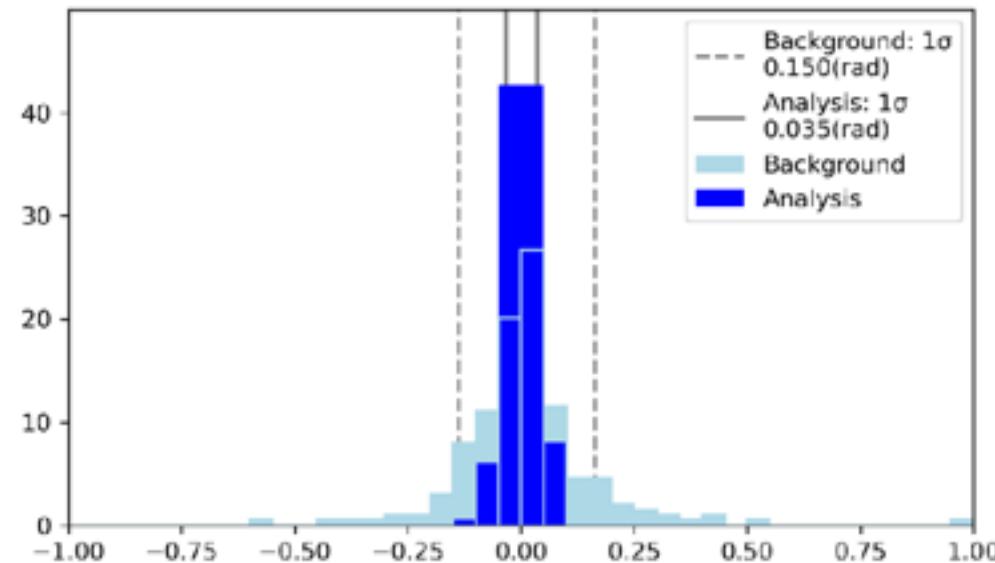


Experiment 2: Analysis vs Background

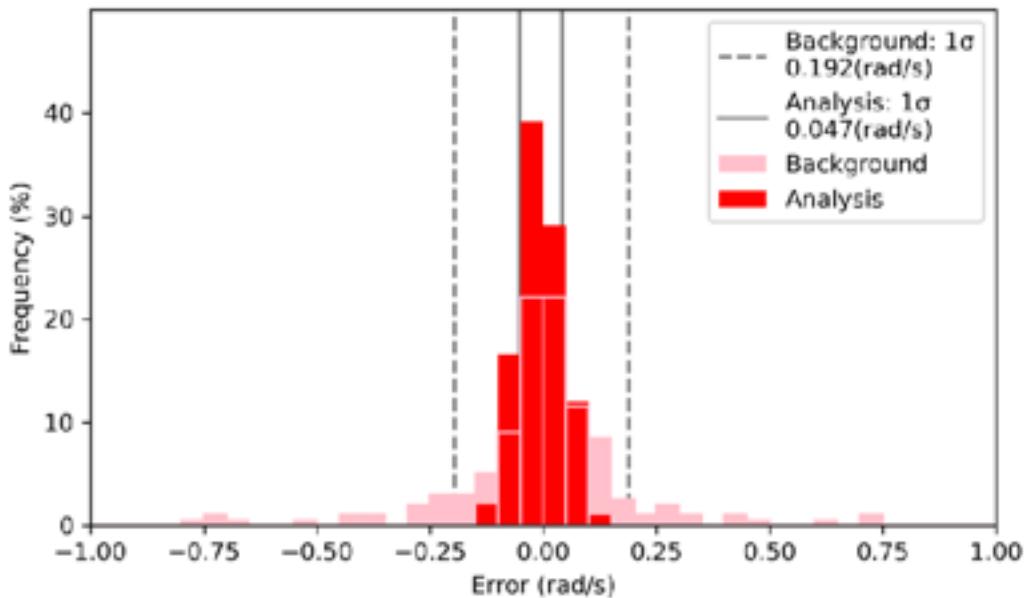
Theta1 Error



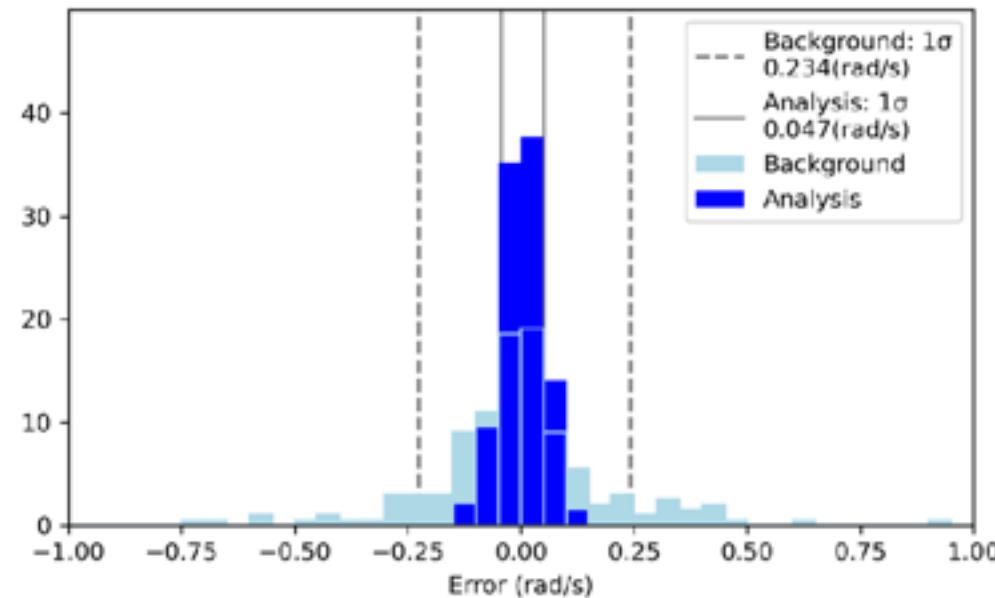
Theta2 Error



Thetadot1 Error



Thetadot2 Error

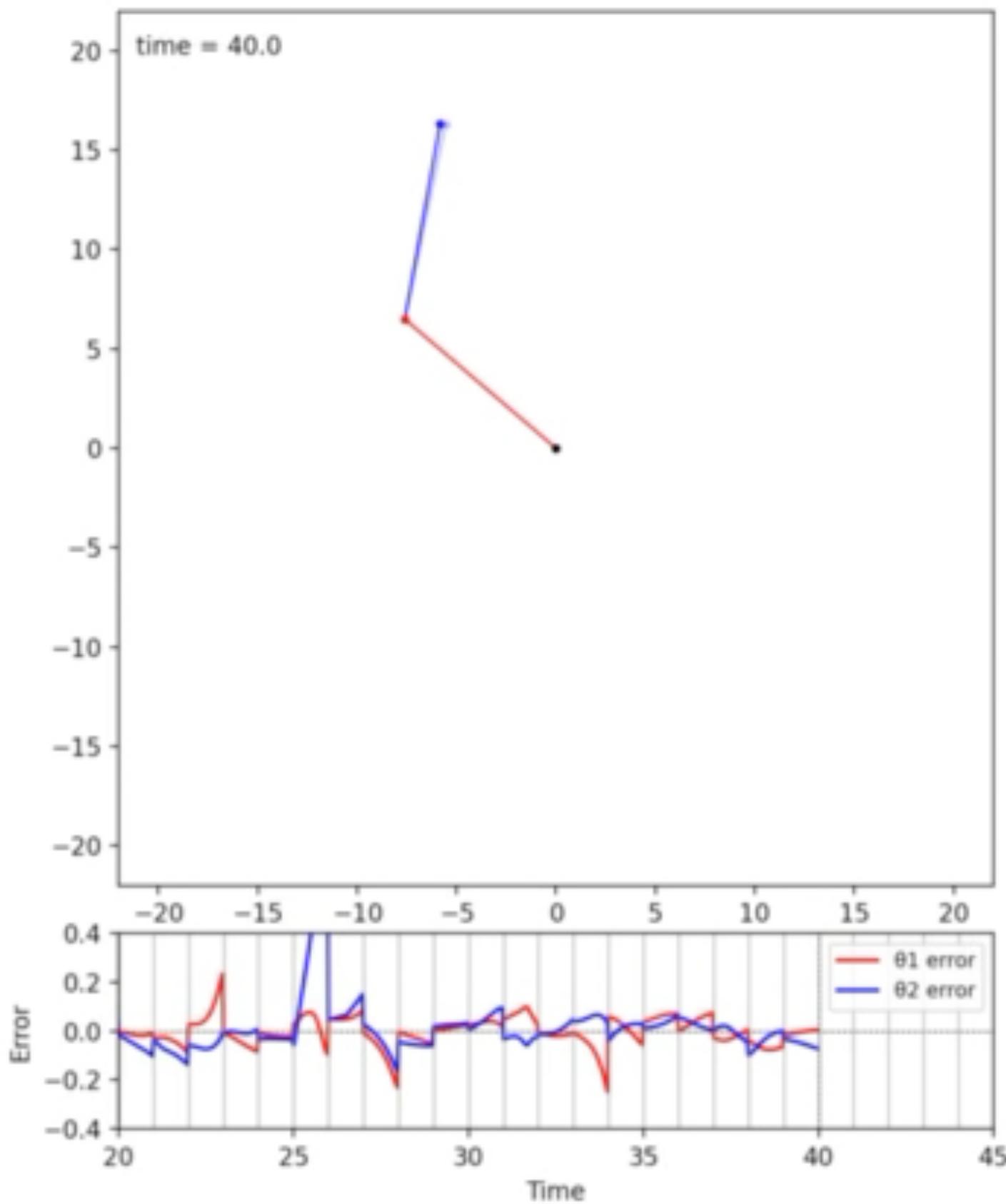


experience

Experiment 2: Optimal Interpolation (Optimal Interpolation)

Experiment 2 Optimal Interpolation

Forecast Analysis Cycle Period: 1



θ_1 分析標準差 : 0.0360.034 (rad)

$\dot{\theta}_1$ 分析標準差 : 0.0480.047 (rad/s)

θ_2 分析標準差 : 0.0360.035 (rad)

$\dot{\theta}_2$ 分析標準差 : 0.0480.047 (rad/s)

論文題名：**從 B2B 訂單方法的演進看新舊價值觀的轉變**

行書大字

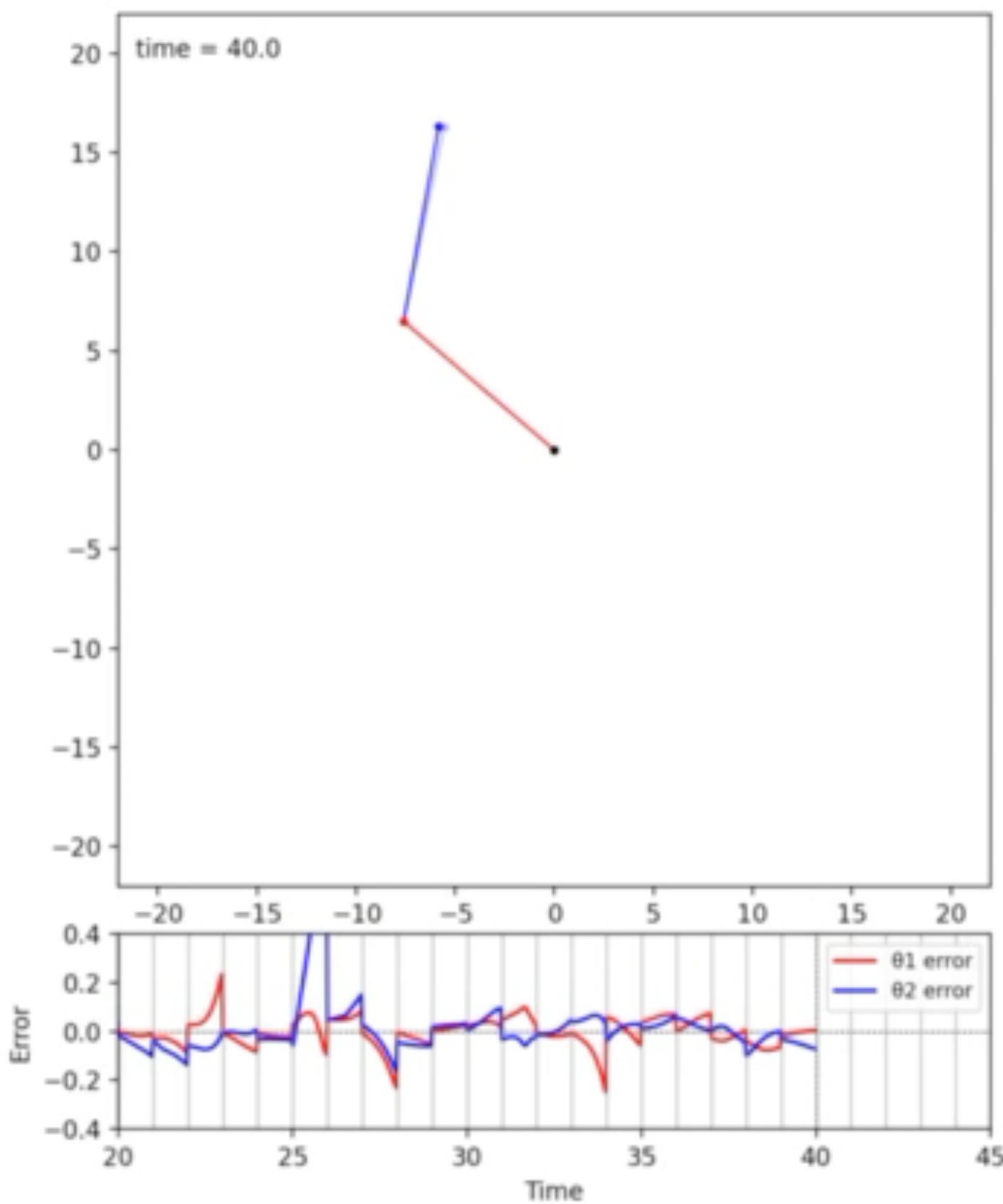
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森林系
生物系
土壤系
農業系
農業工程系
農業經濟系
農業機械系
農業土壤系
農業生物系
農業生物工程系
農業生物工程系

Experiment 2 Optimal Interpolation

Forecast Analysis Cycle Period: 1

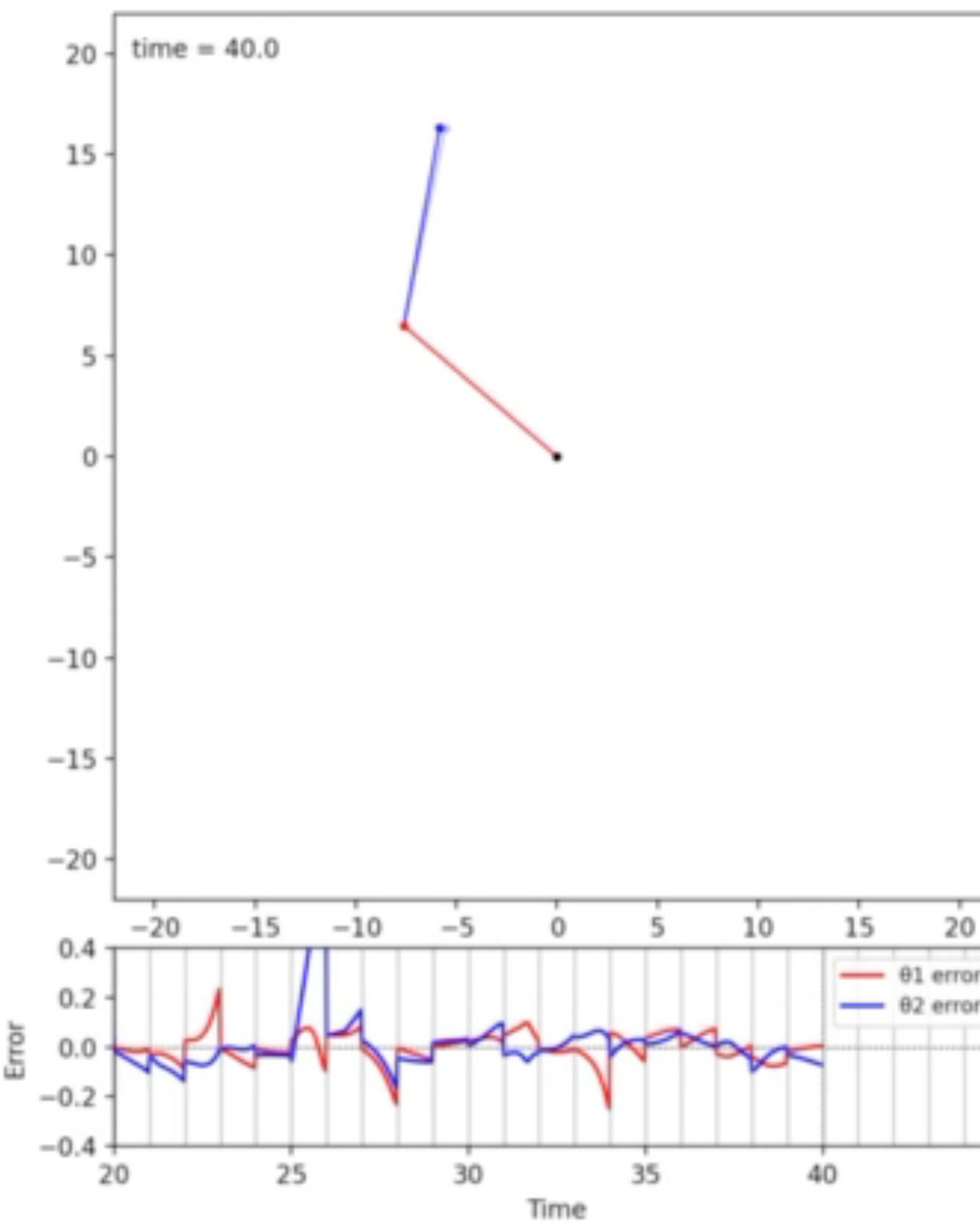


Experiment

Experiment 2: Optimal Interpolation (每1秒分析一次，最佳內插法)

Experiment 2 Optimal Interpolation

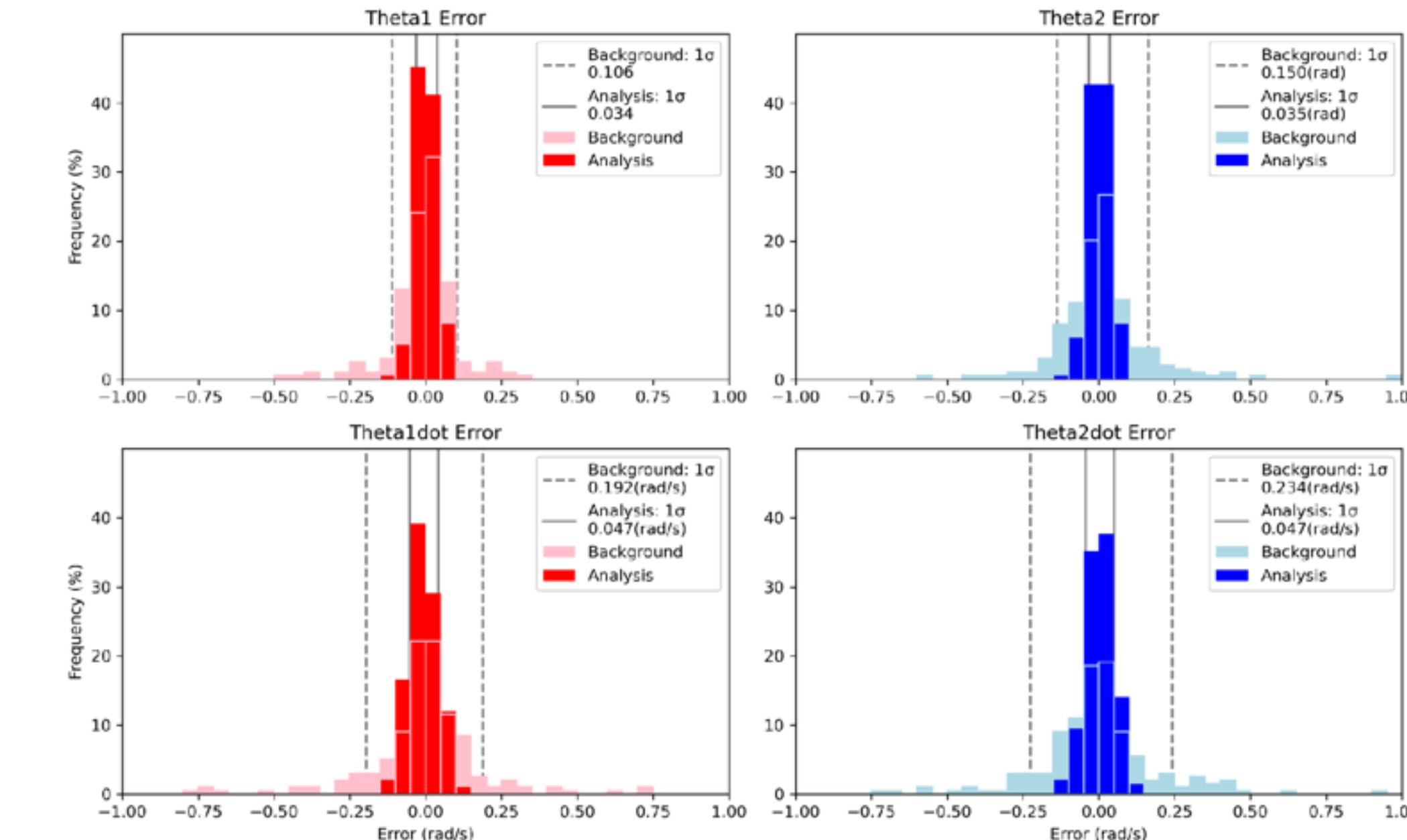
Forecast Analysis Cycle Period: 1



註：**B**的計算方法為，**B=R**，後經不斷與真值比較並迭代出收斂的**B**

分析誤差相較於背景誤差改變了多少？

Experiment 2: Analysis vs Background



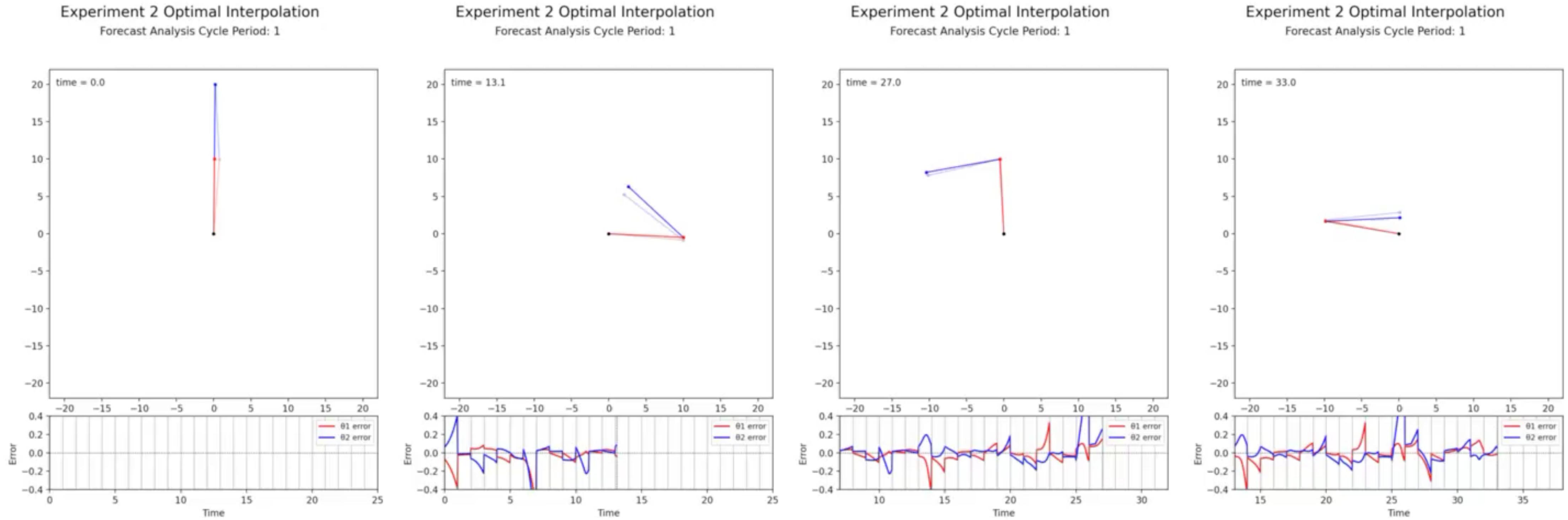
此實驗相較於觀測即分析時

θ_1 分析標準差：0.036 0.034 (rad)
 $\dot{\theta}_1$ 分析標準差：0.048 0.047 (rad/s)

θ_2 分析標準差：0.036 0.035 (rad)
 $\dot{\theta}_2$ 分析標準差：0.048 0.047 (rad/s)

Experiment

Experiment 2: Optimal Interpolation (每1秒分析一次，最佳內插法)



擺得慢時，背景誤差大；擺得快時，背景誤差小！
背景誤差共變異數矩陣 \mathbf{B} 不應是定值！