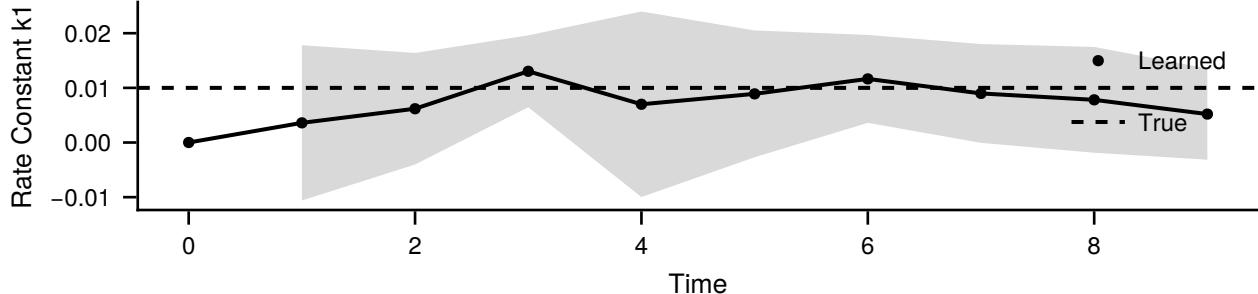
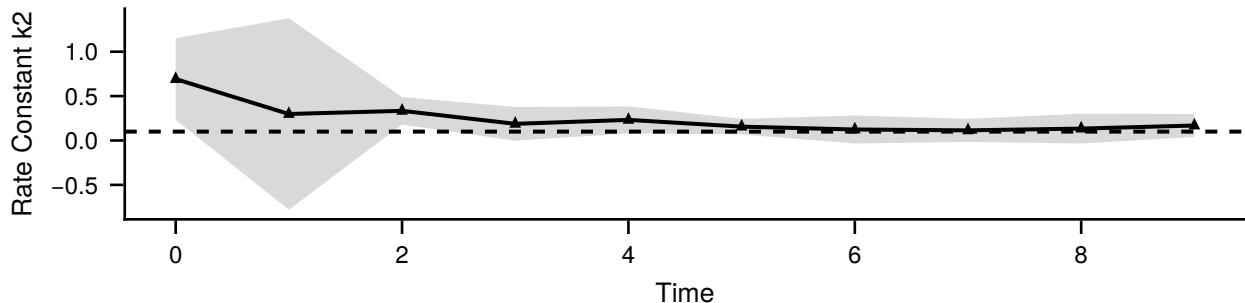


**Reaction 1: [-1, -1, 1, 0]**



**Reaction 2: [0, 1, -1, 1]**



**Reaction 3: [1, 1, -1, 0]**

