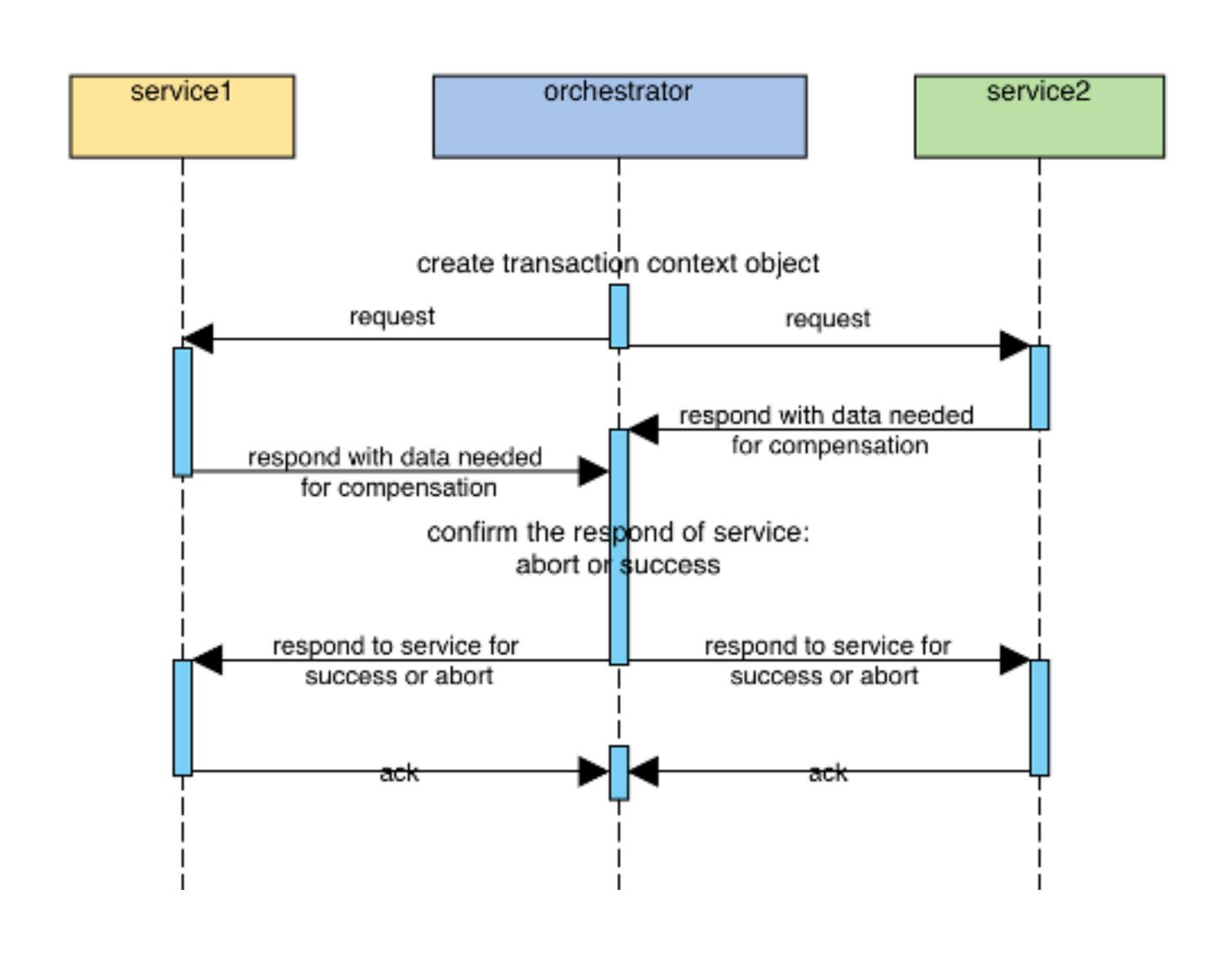
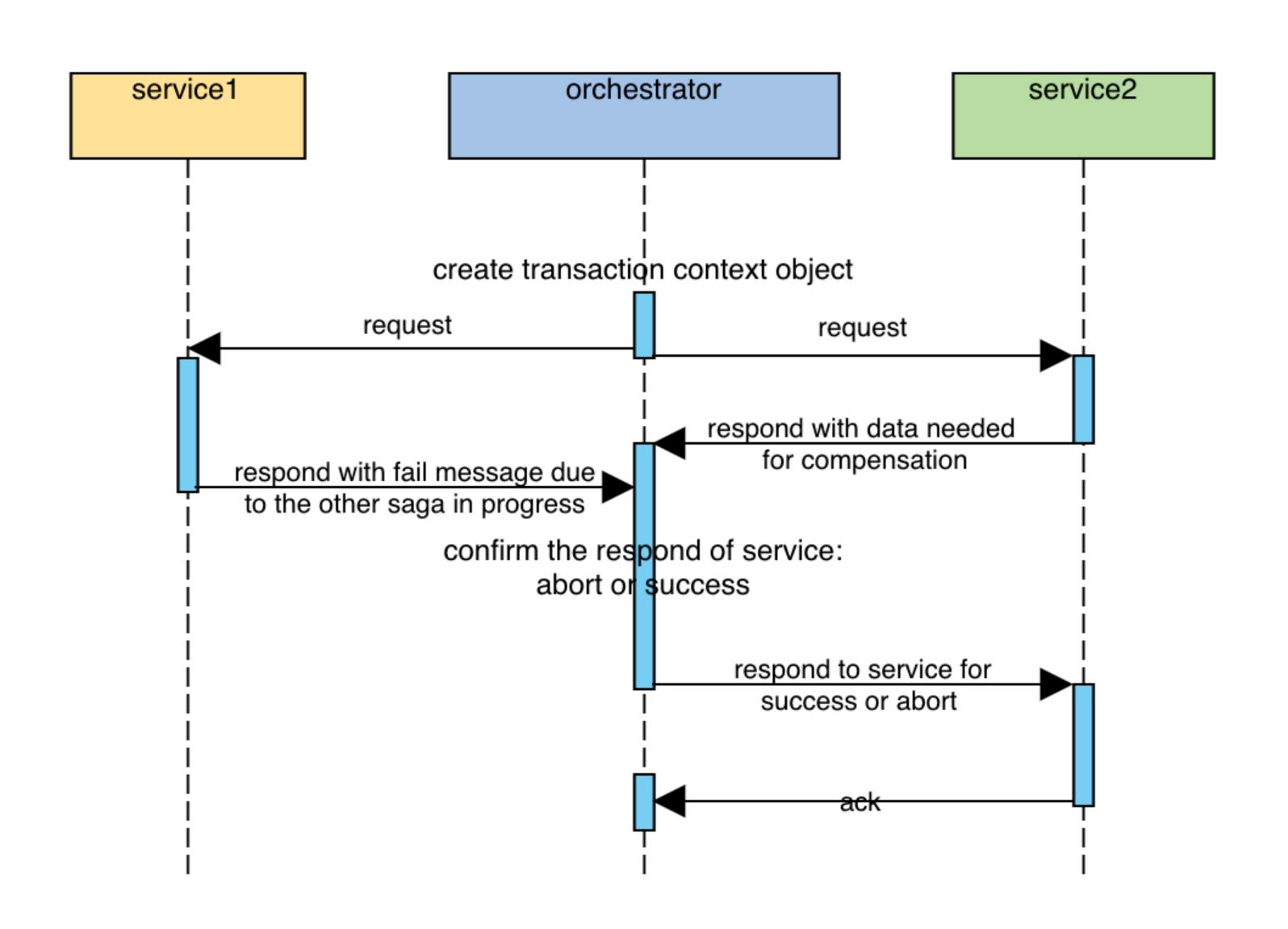
# mqtt sagas

### lock and no lock



### lock and no lock



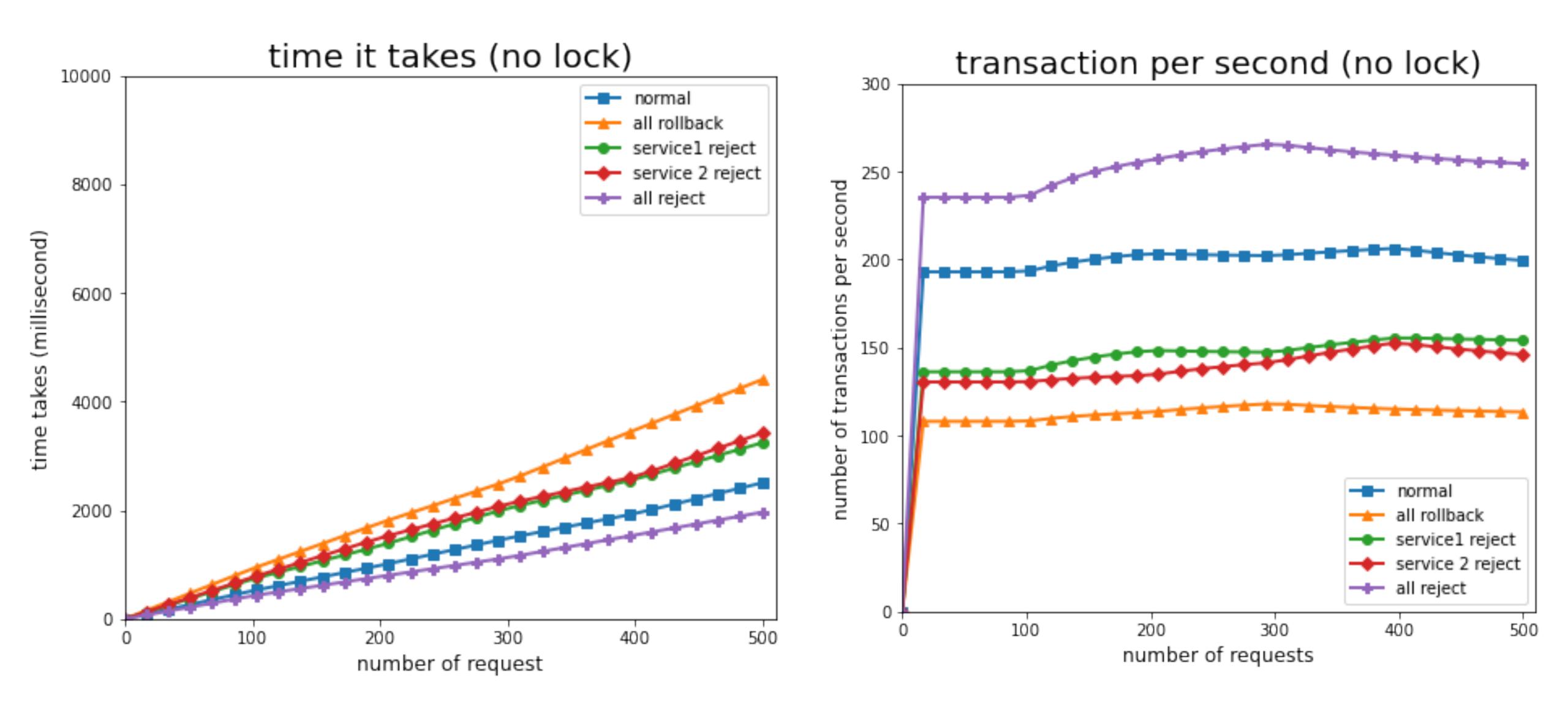
#### lock and no lock

```
constructor(transactionId, transientIdList) {
this transactionId = transactionId;
this services = [
    serviceId: 'service1',
    state: 0, // -1 = fail, 1 = success
    ack: false,
   reject: false,
   transientId: '',
    compensate:[] // 補償操作
    serviceId: 'service2',
    state: 0,
    ack: false, // -1 = fail, 1 = success
    reject: false,
    transientId: '',
    compensate:[] // 補償操作
```

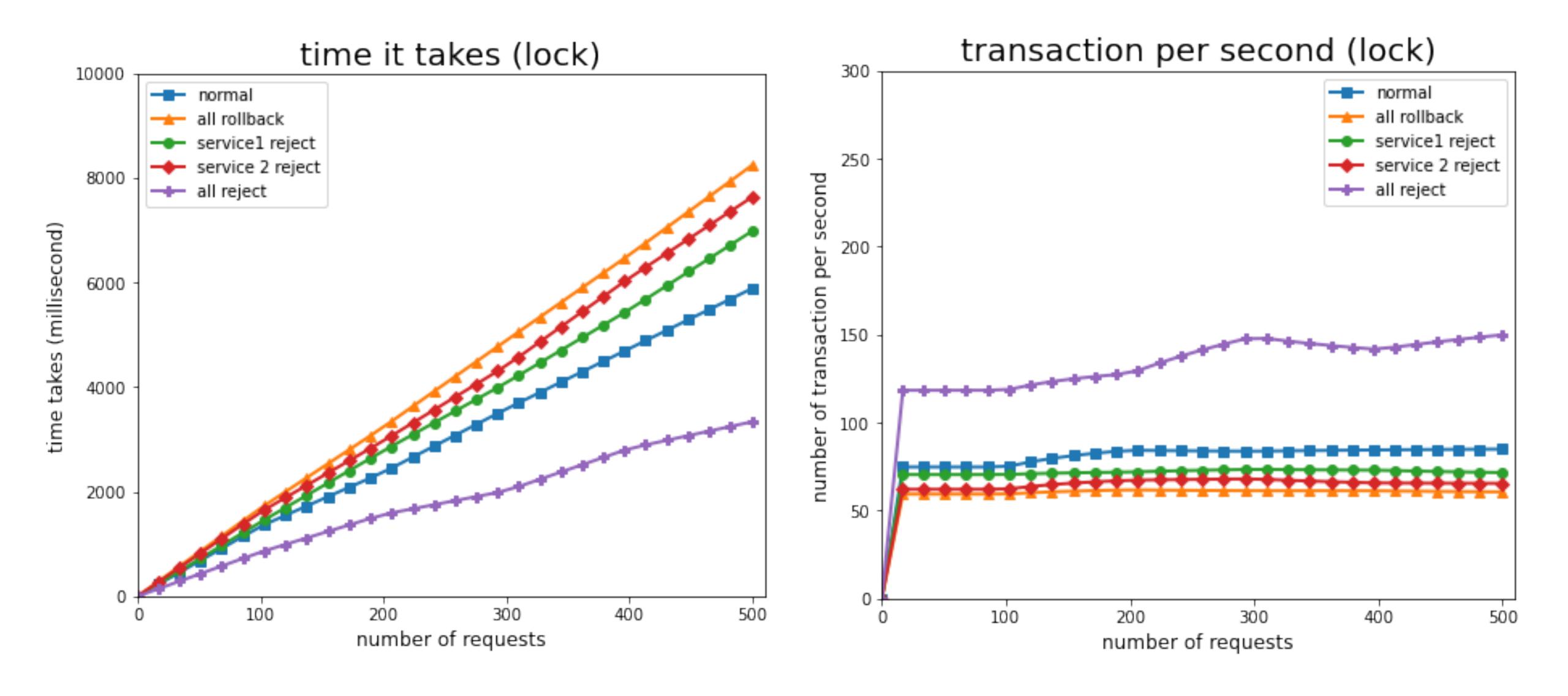
### short circuit

```
constructor(transactionId, transientIdList) {
 this transactionId = transactionId;
 this services = [
     serviceId: 'service1',
     state: 0, //-1 = fail, 1 = success
     ack: false,
     fail: false,
     reject: false,
     transientId: '',
     compensate:[] // 補償操作
     serviceId: 'service2',
    state: 0,
     ack: false, // -1 = fail, 1 = success
     fail: false,
     reject: false,
     transientId: ''
     compensate:[] // 補償操作
```

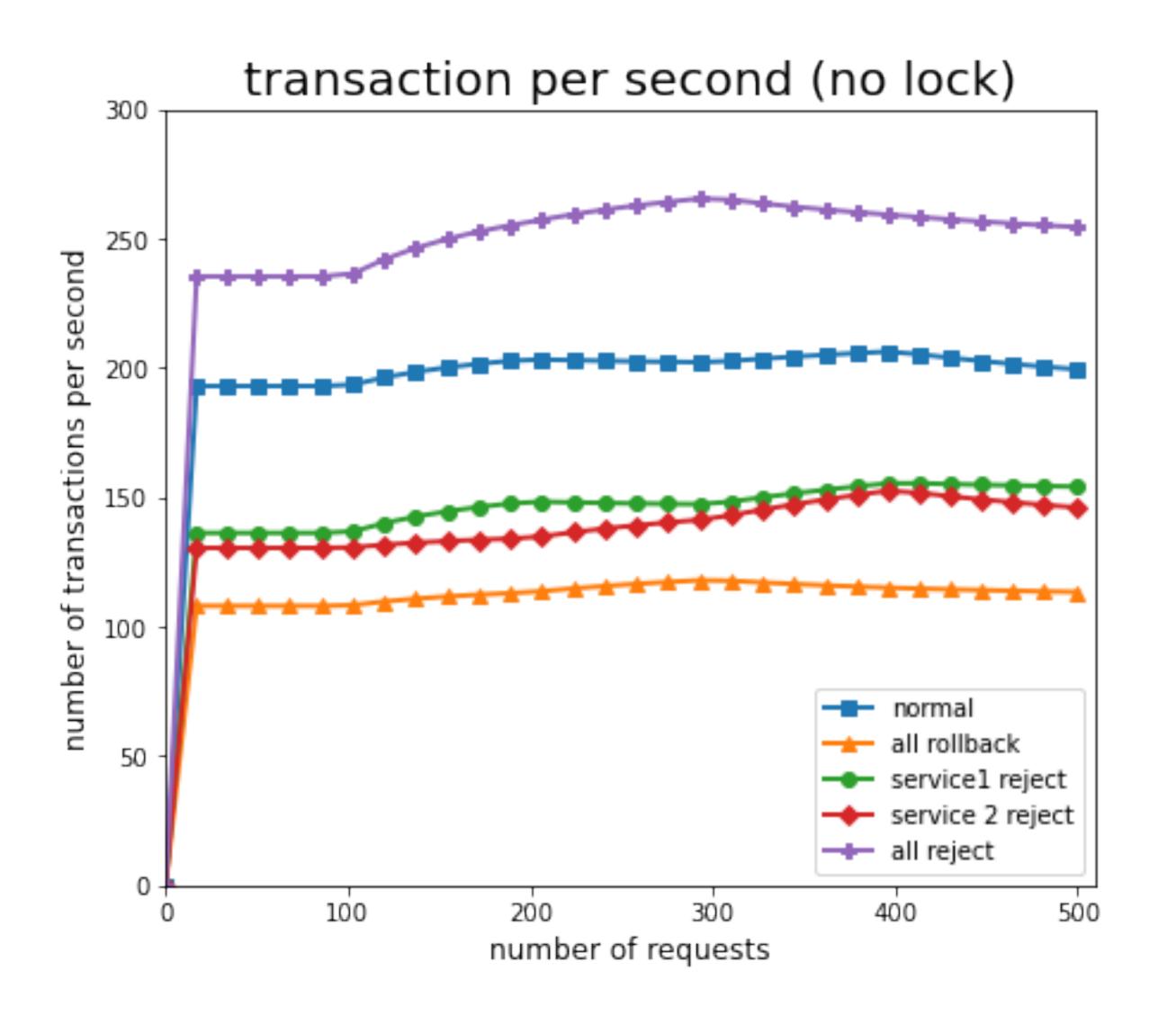
## no lock experiment

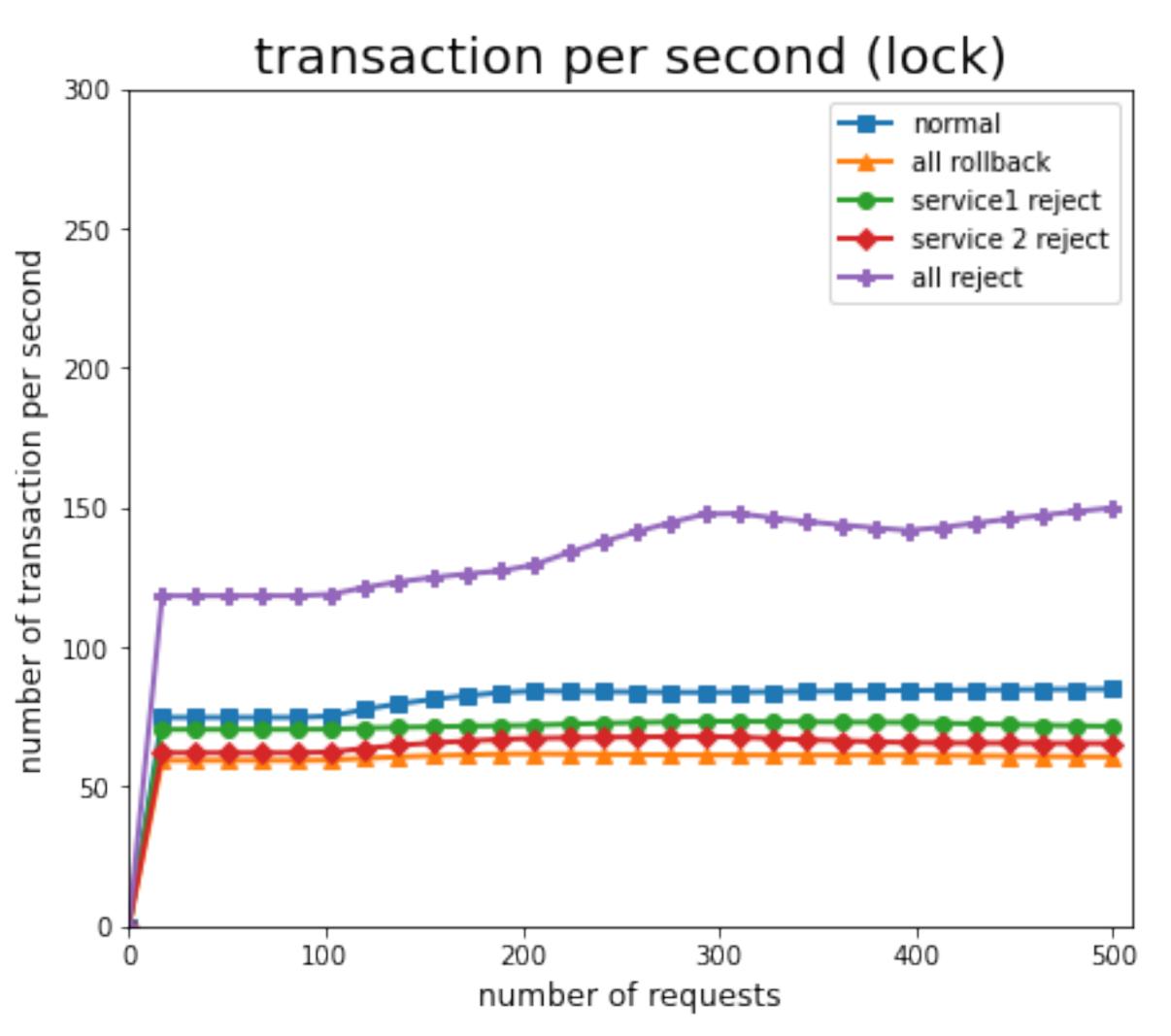


## lock experiment

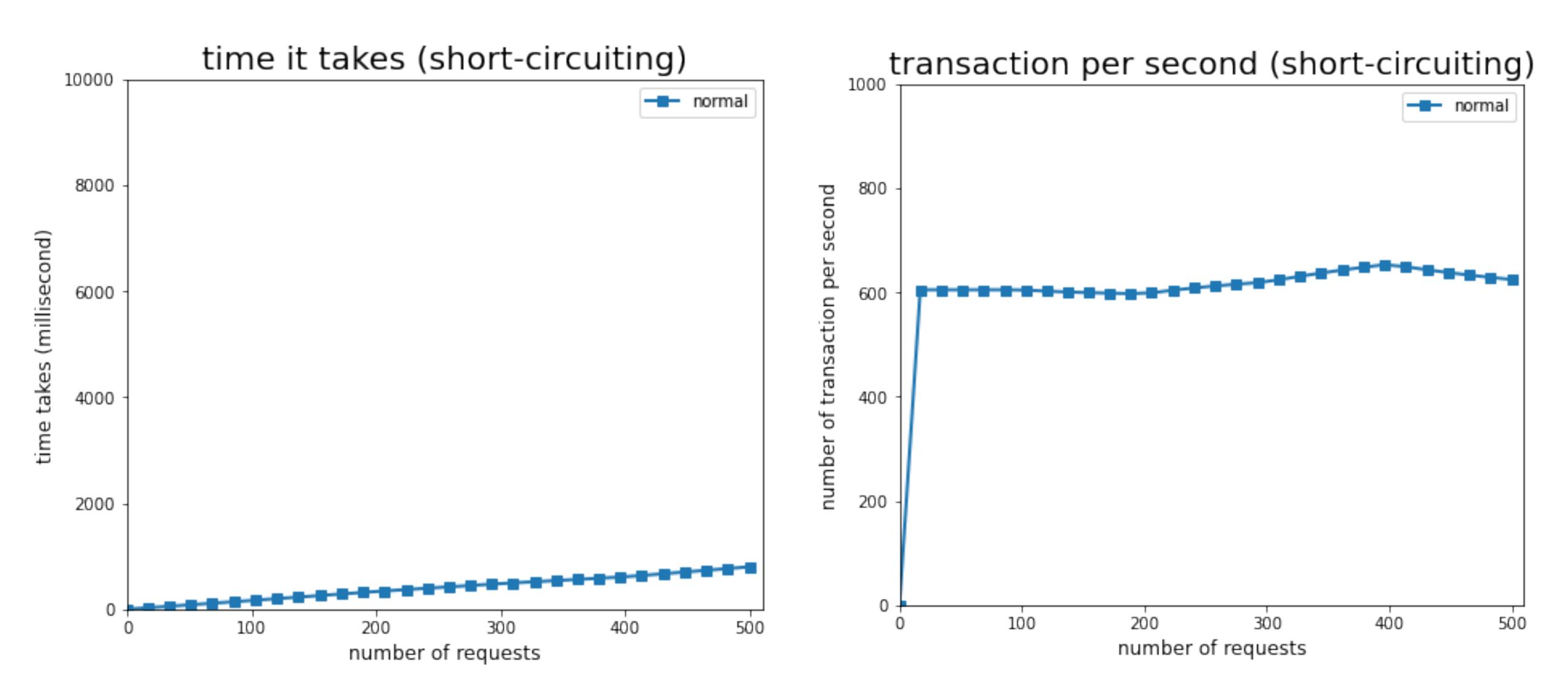


### comparison





### short circuit



### paper

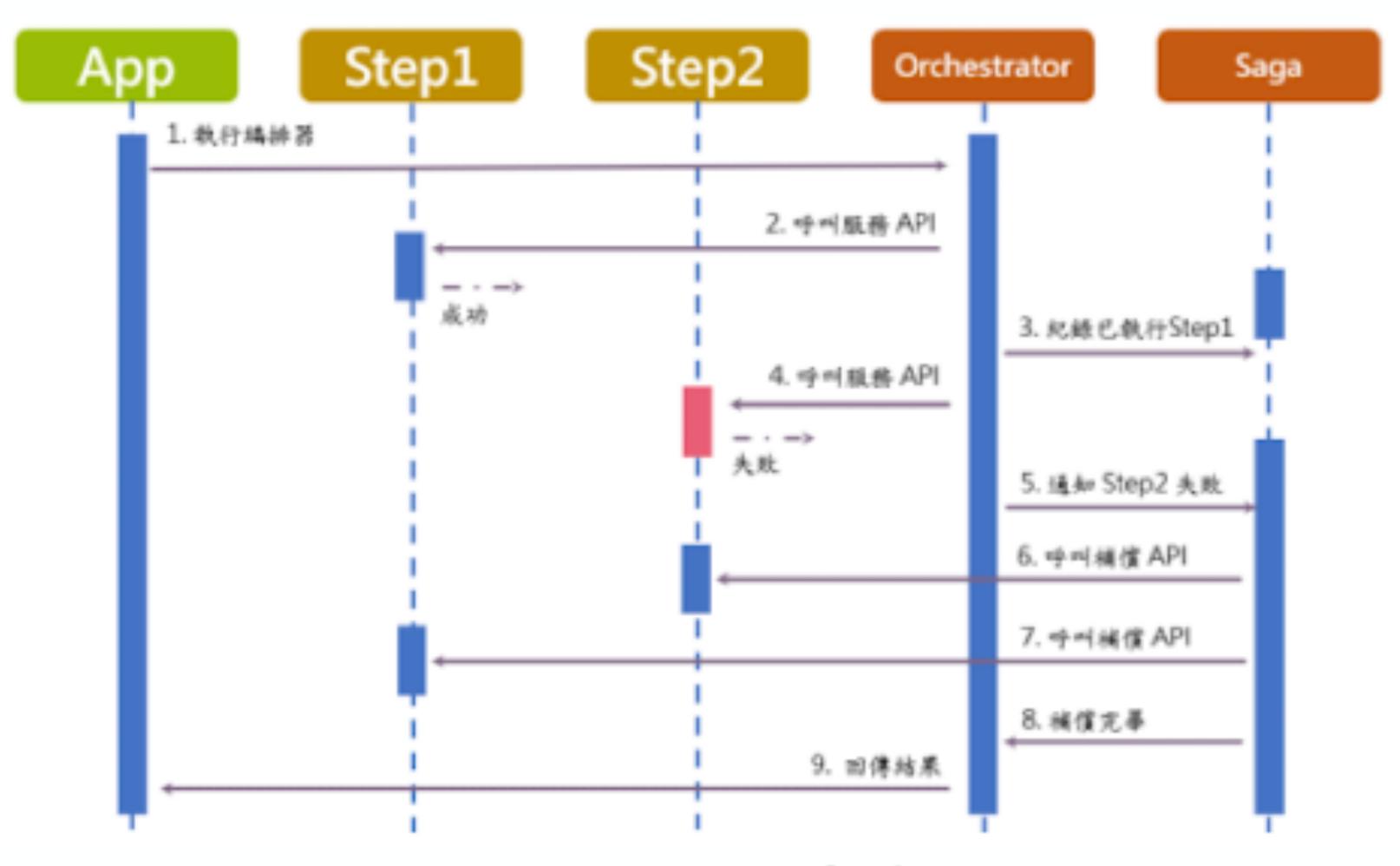


圖 7. Saga 補償機制

#### confirm?

**ルー・ エッコポッコ** 

