Individual fitting on derived data
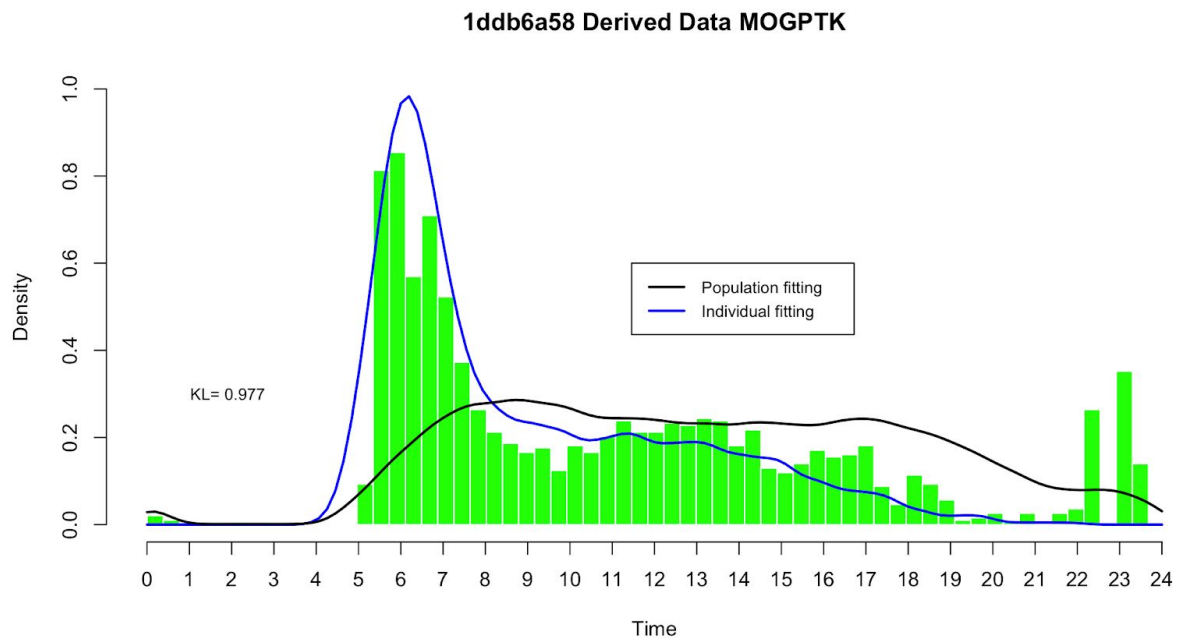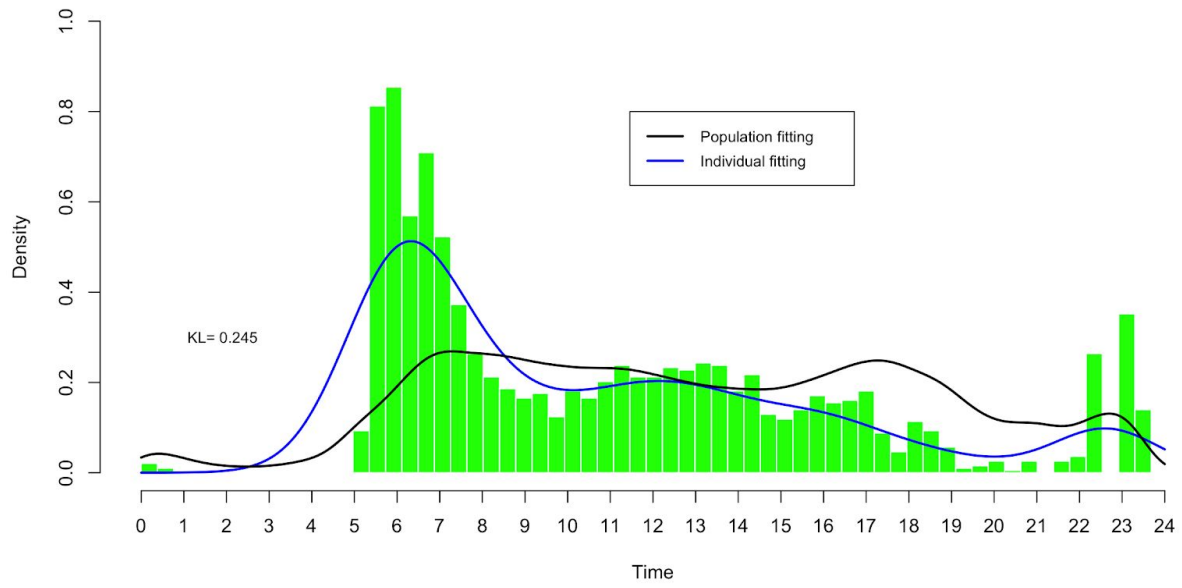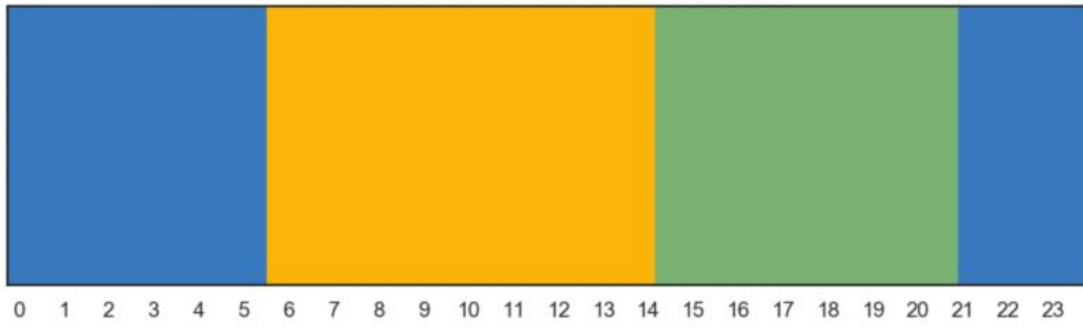
1ddb6a58 Active more in the early part of the day

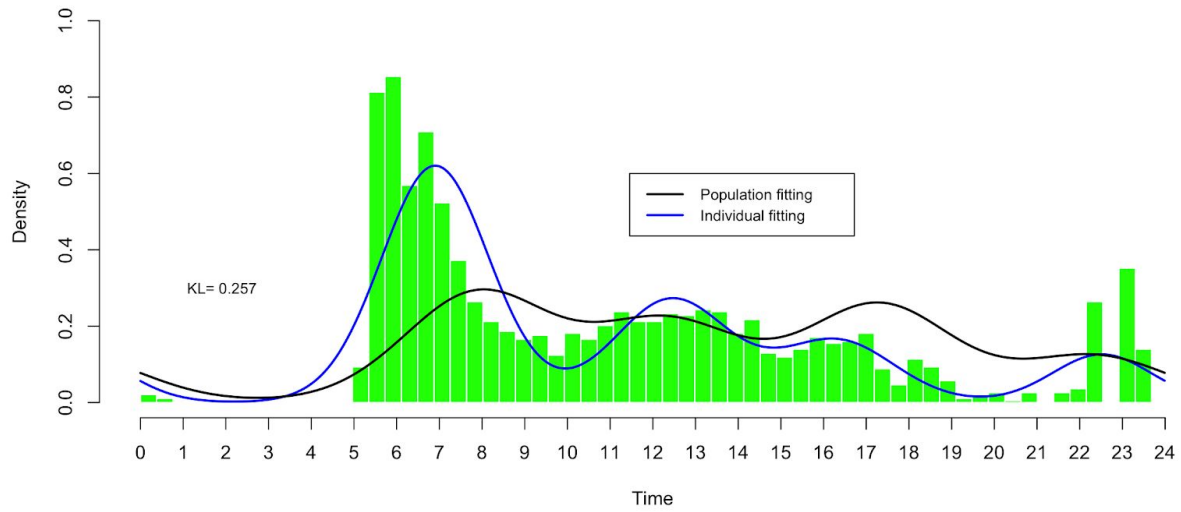**1ddb6a58 Derived Data MOGPTK**

KL= 0.977

Legend:
- Population fitting
- Individual fitting

Density

Time

1ddb6a58 Derived Data SLDS

KL= 0.245

Legend:
- Population fitting
- Individual fitting

X-axis: Time
Y-axis: Density

User:1ddb6a58-2c80-4b71-a458-f7d6023b168c

1ddb6a58 Derived Data MixedVonmises

KL= 0.257

Legend:
- Population fitting (black)
- Individual fitting (blue)

1ddb6a58 Derived Data HMM

KL= 0.186

Legend:
- Population fitting (black)
- Individual fitting (blue)
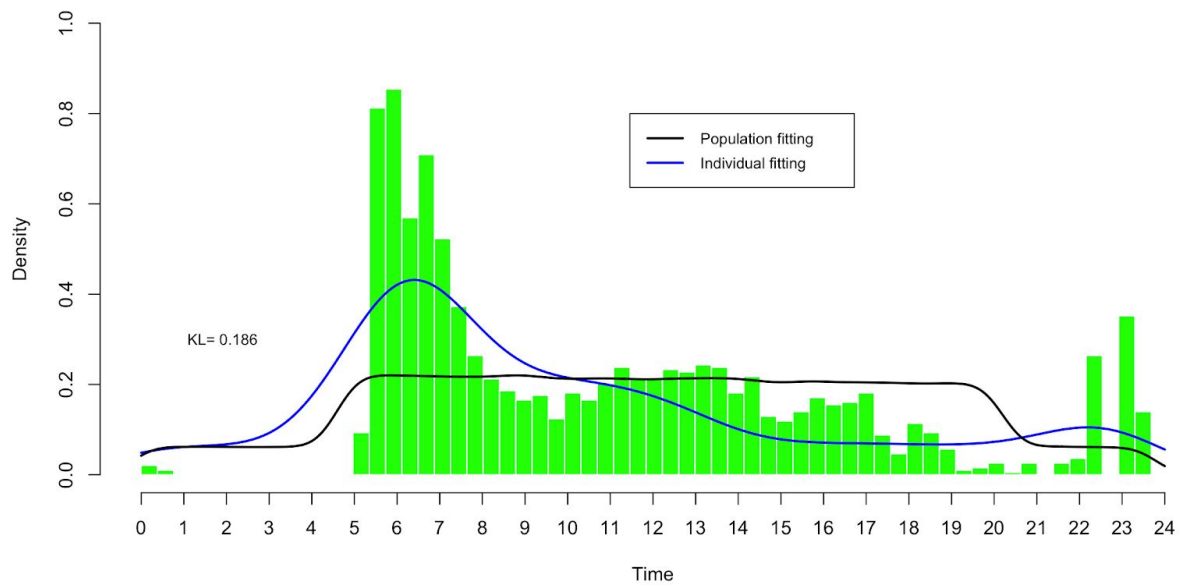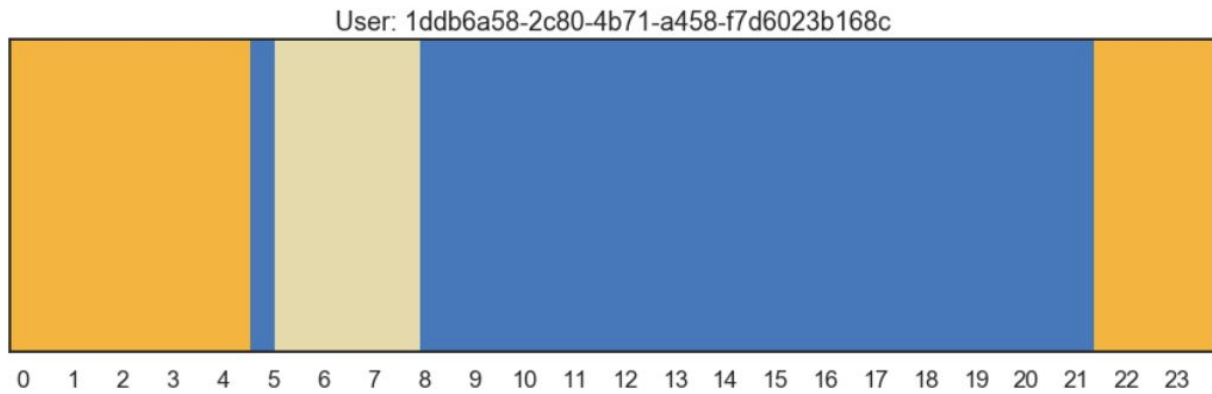
42b51b61 Active throughout the day

42b51b61 Derived Data MixedVonmises

KL= 0.207

Population fitting
Individual fitting

Density
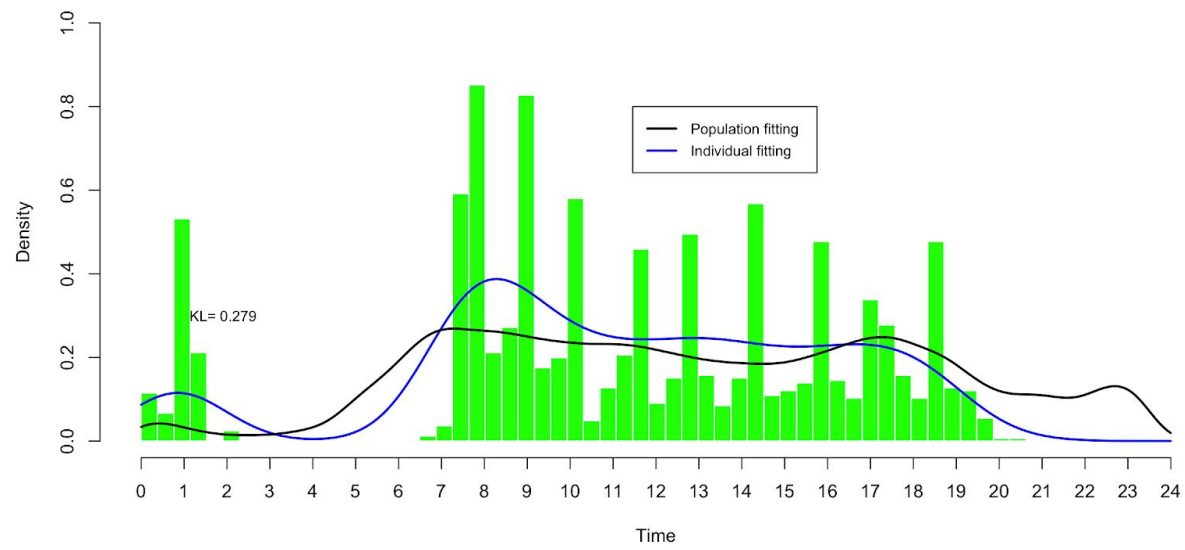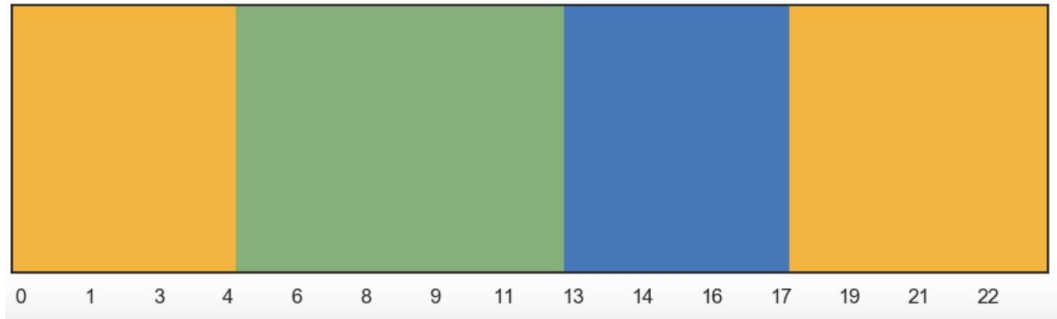
Time
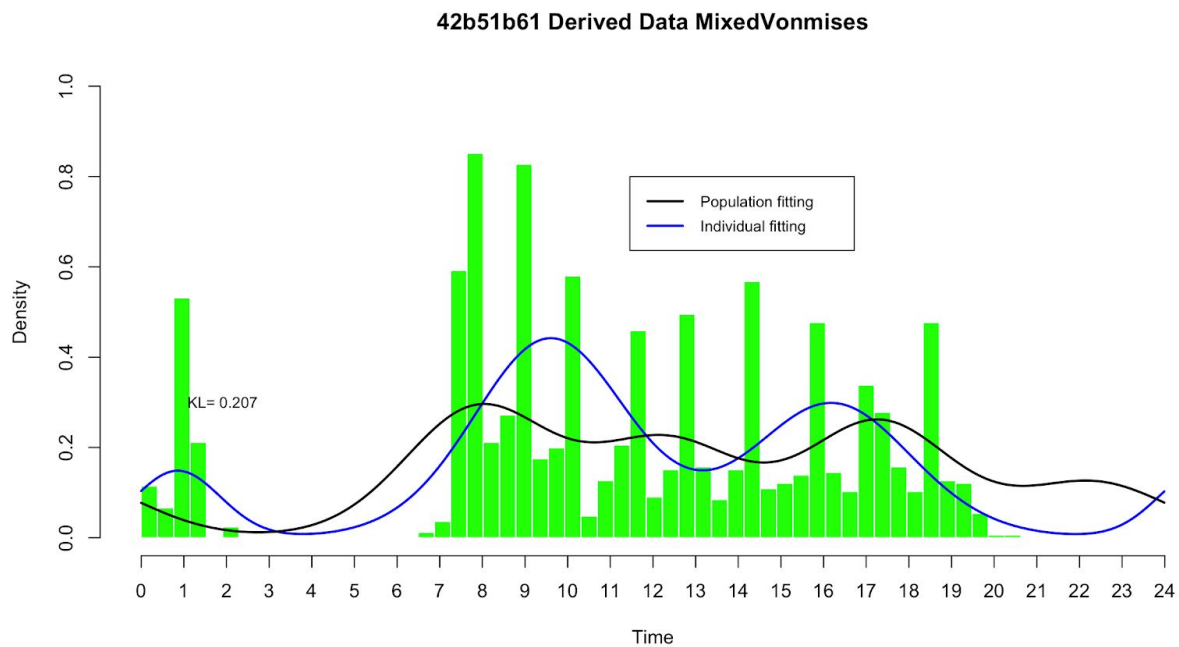
42b51b61 Derived Data GPAR
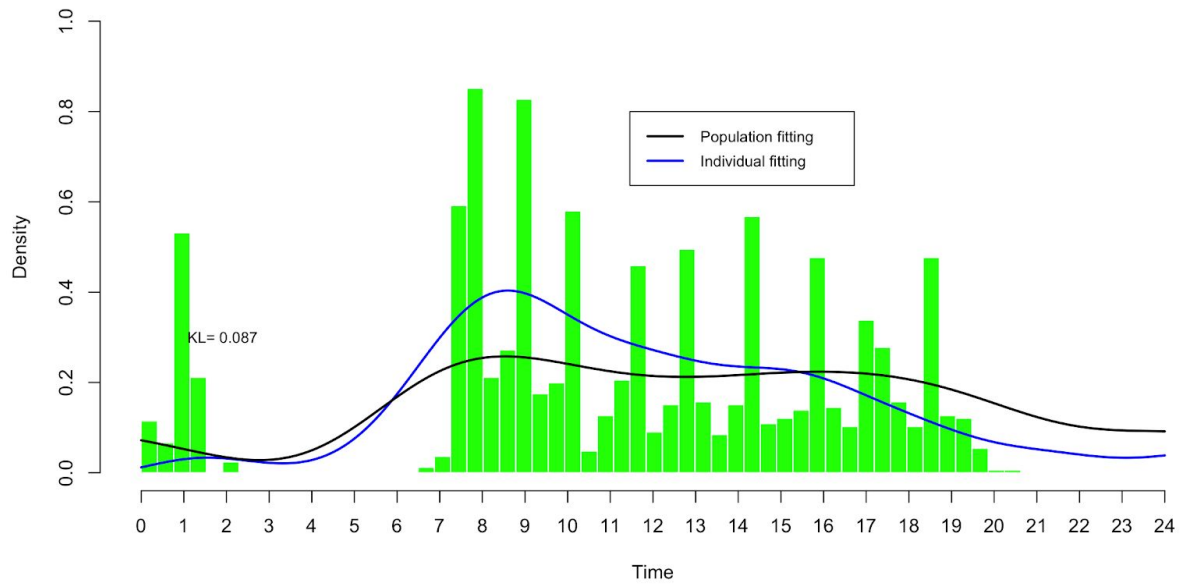
42b51b61 Derived Data MOGPTK

42b51b61 Derived Data SLDS
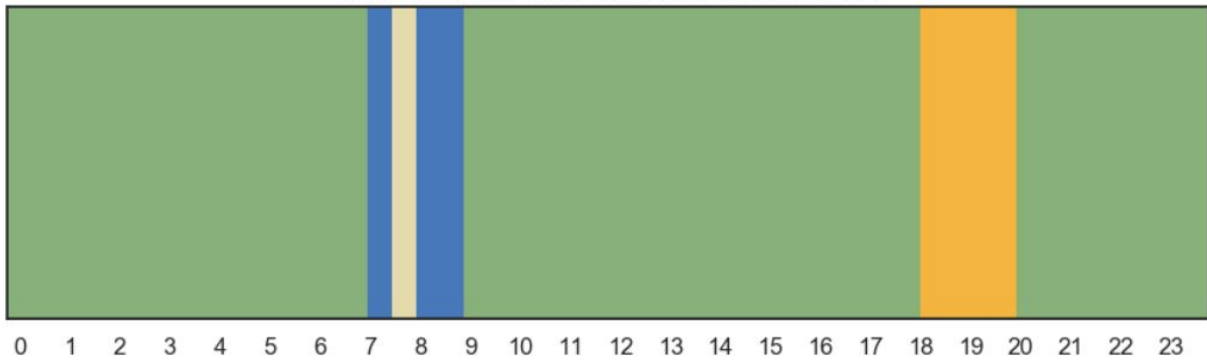

KL= 0.279

Population fitting
Individual fitting

Density

Time
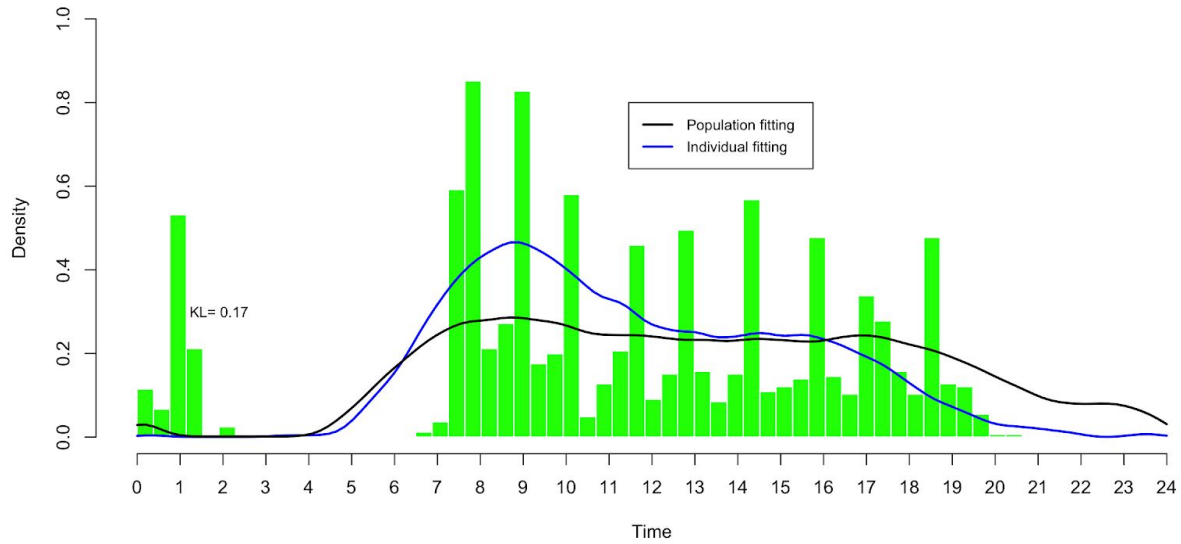
42b51b61-5c80-4988-9bfb-df9935247171

42b51b61 Derived Data HMM

KL= 0.186

Population fitting
Individual fitting

Density

Time
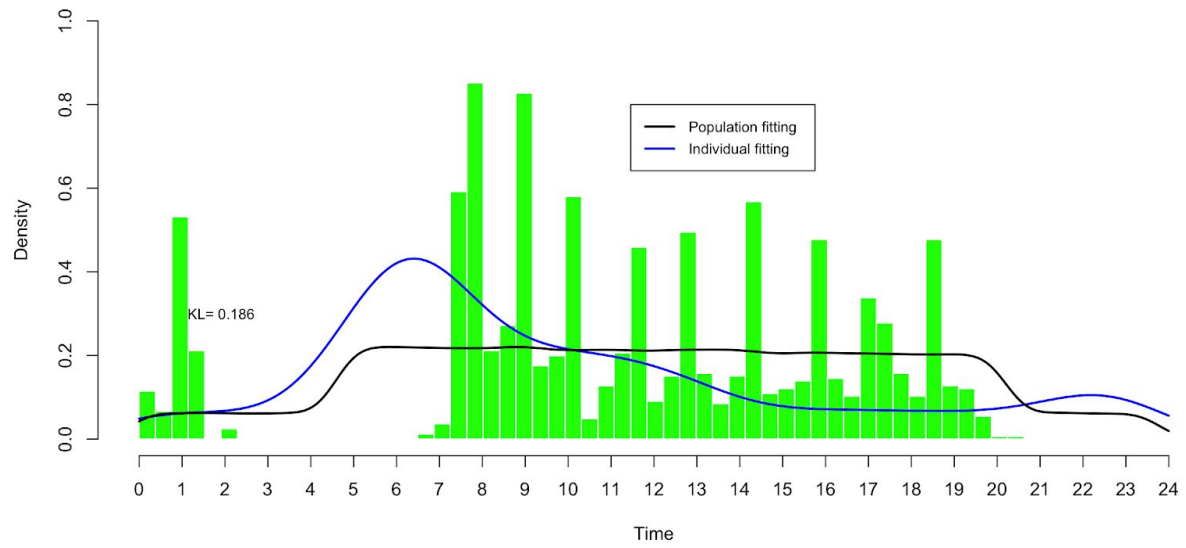
User: 42b51b61-5c80-4988-9bfb-df9935247171

448a8708 Derived Data MixedVonmises

KL= 0.405

Population fitting
Individual fitting

Density

Time
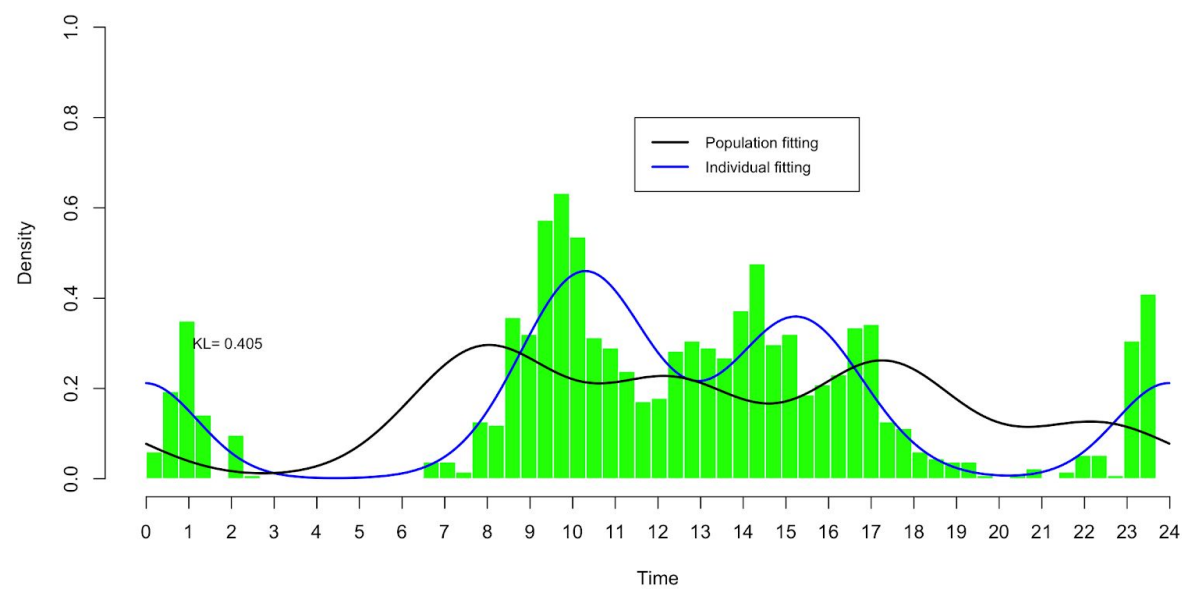
9821cc46 Active later than most

9821cc46 Derived Data MixedVonmises

KL= 0.195

Population fitting
Individual fitting

Density

Time

9821cc46 Derived Data GPAR

KL= 0.163

Population fitting
Individual fitting

Density

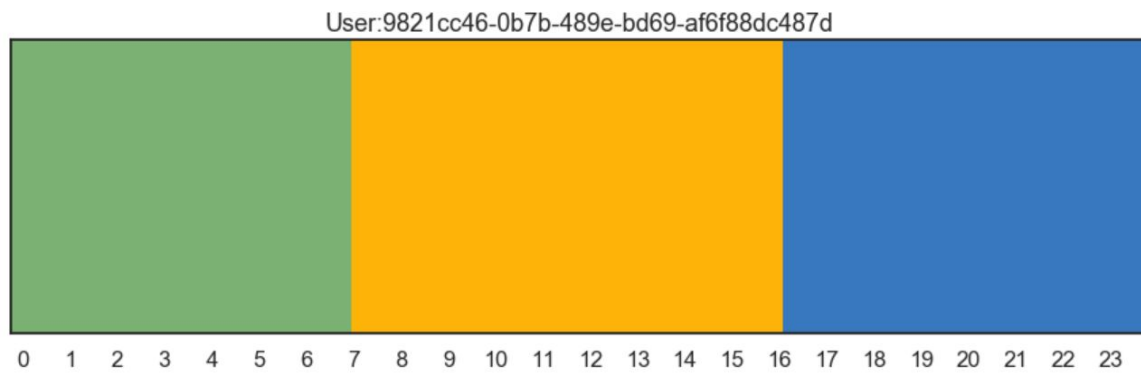Time
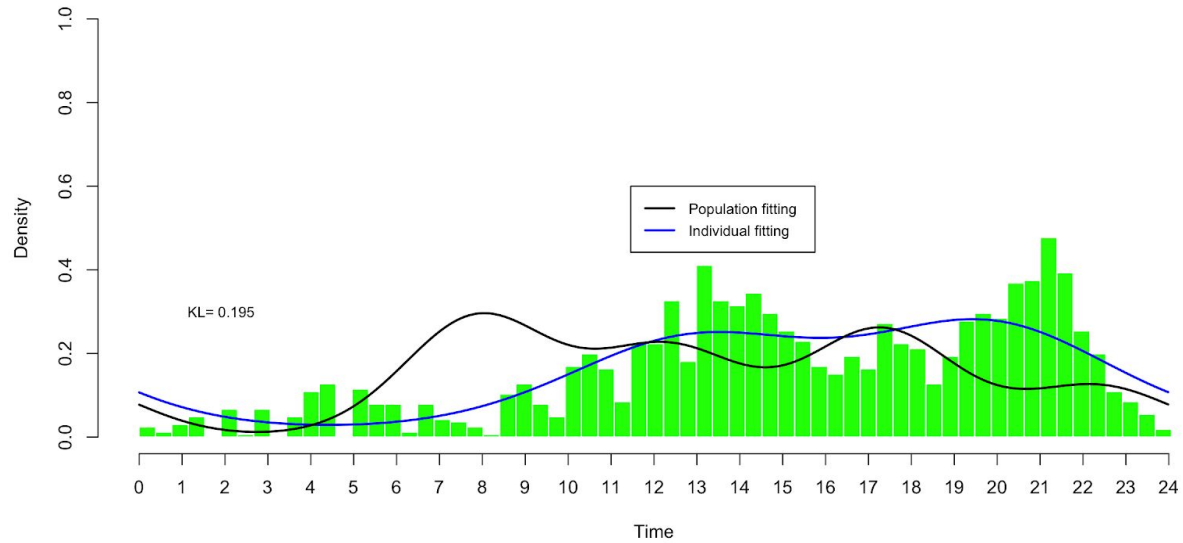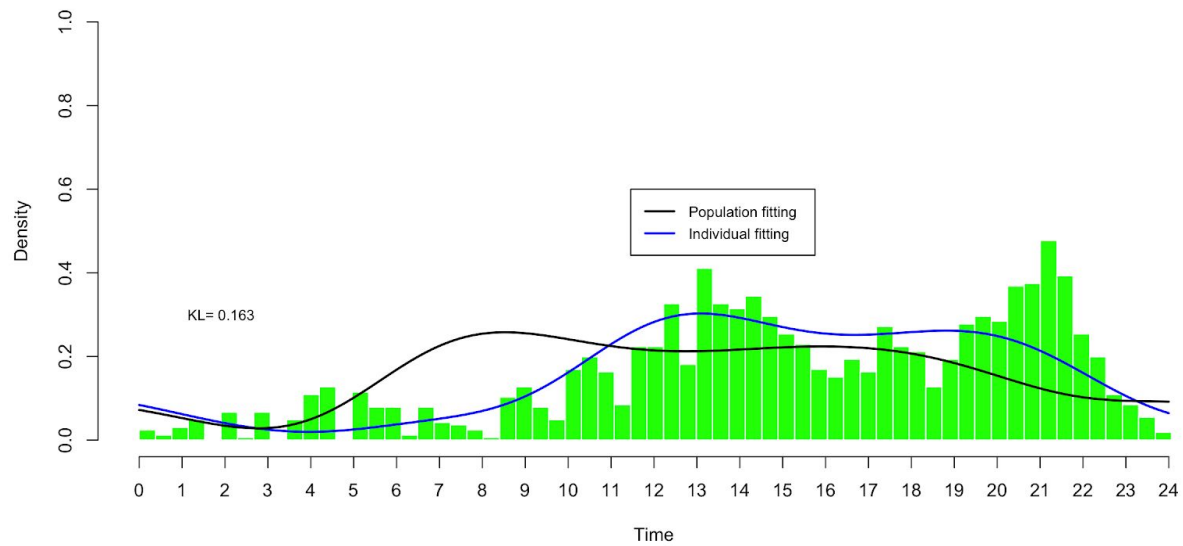
9821cc46 Derived Data MOGPTK

9821cc46 Derived Data SLDS

User:9821cc46-0b7b-489e-bd69-af6f88dc487d

9821cc46 Derived Data HMM

KL= 0.16

Population fitting
Individual fitting

Density

Time

User:9821cc46-0b7b-489e-bd69-af6f88dc487d
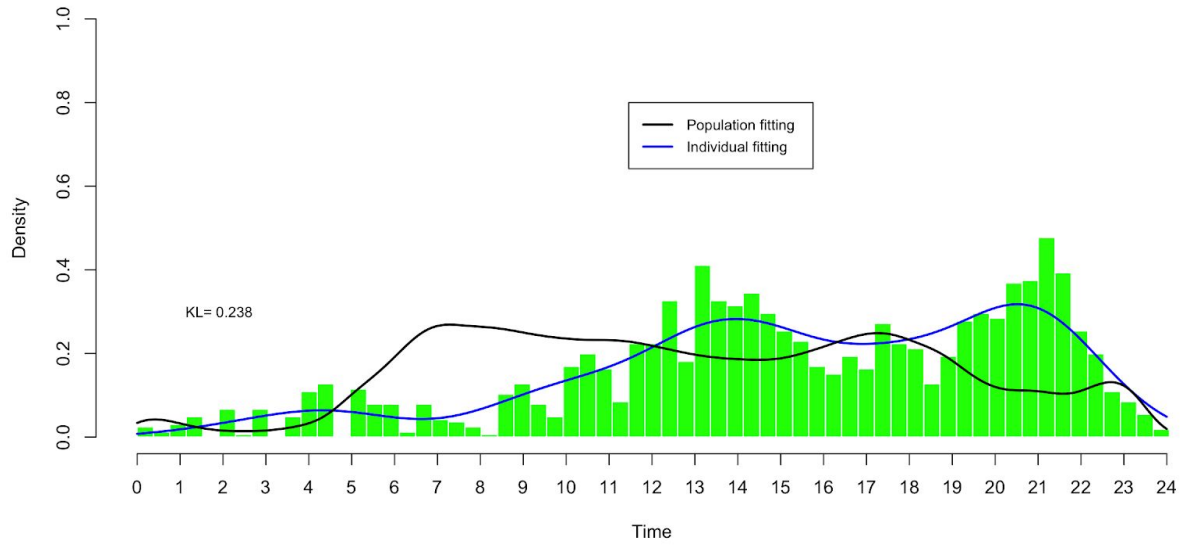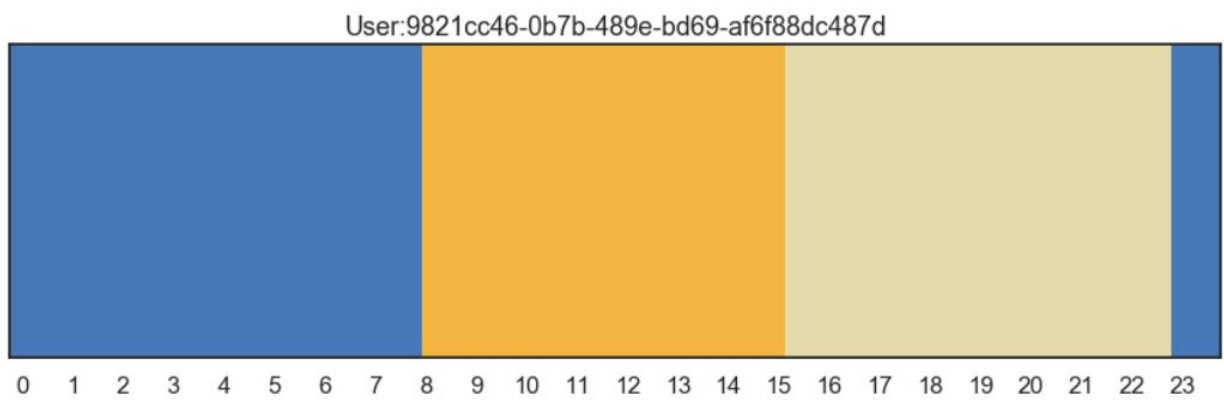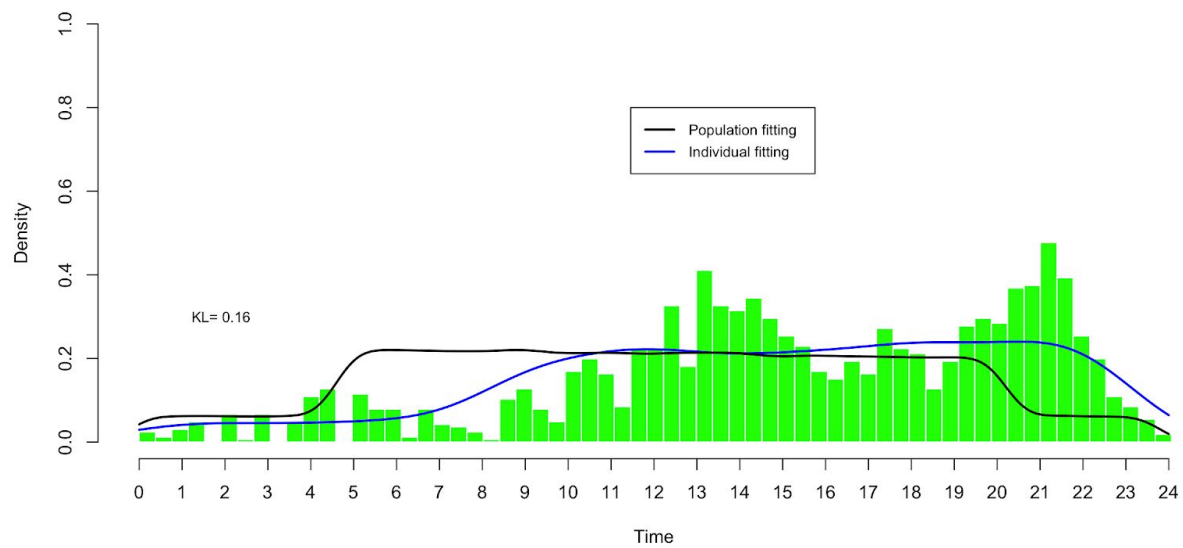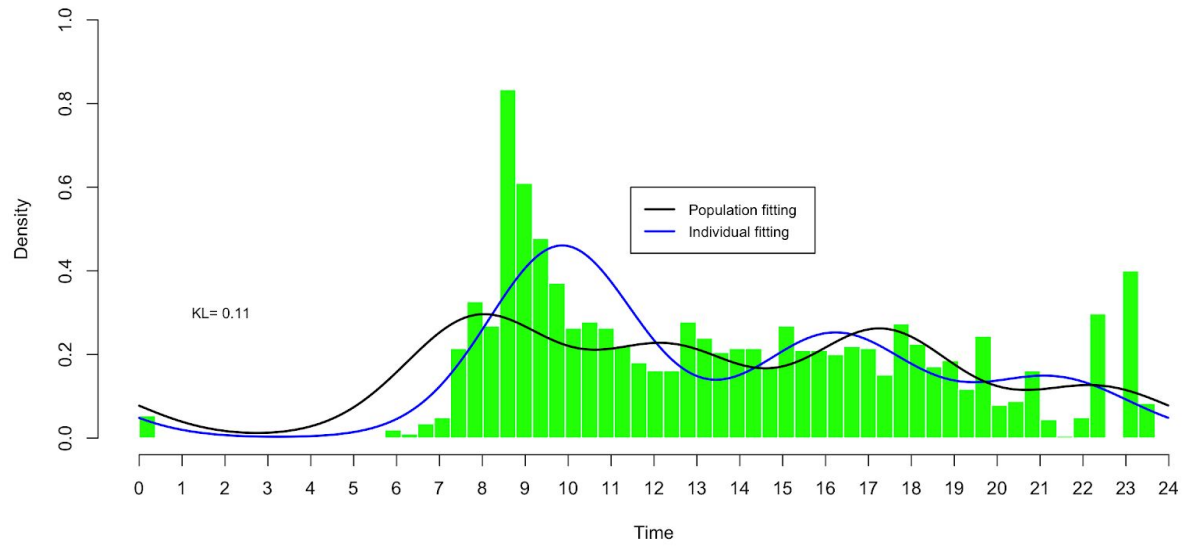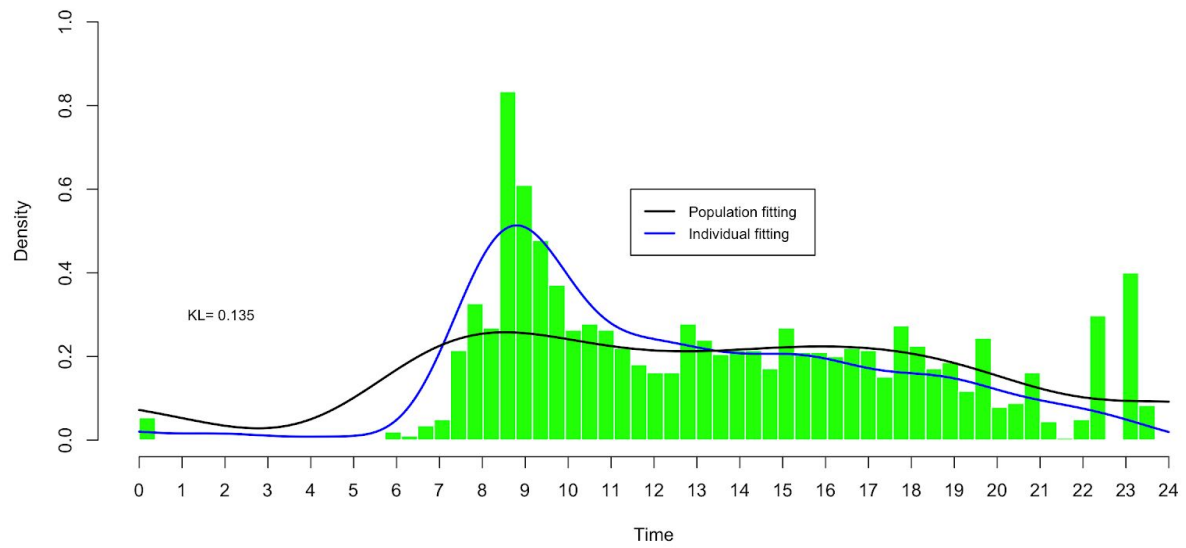
2b2cbc5d Active more in the early part of the day

2b2cbc5d Derived Data MixedVonmises

KL= 0.11

Density

Time

Population fitting
Individual fitting

2b2cbc5d Derived Data GPAR

KL= 0.135

Density

Time

Population fitting
Individual fitting

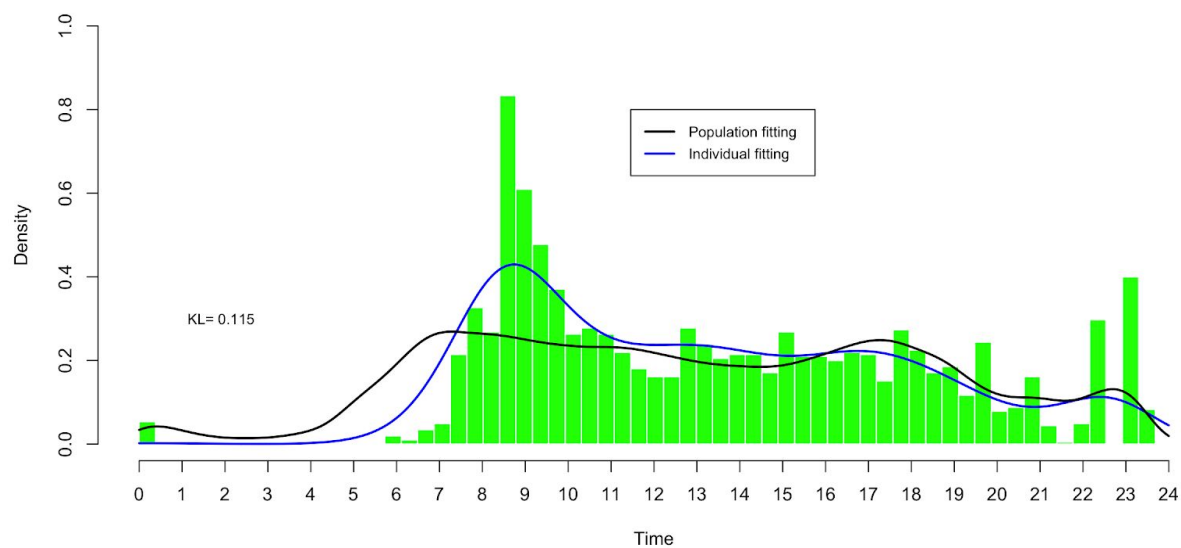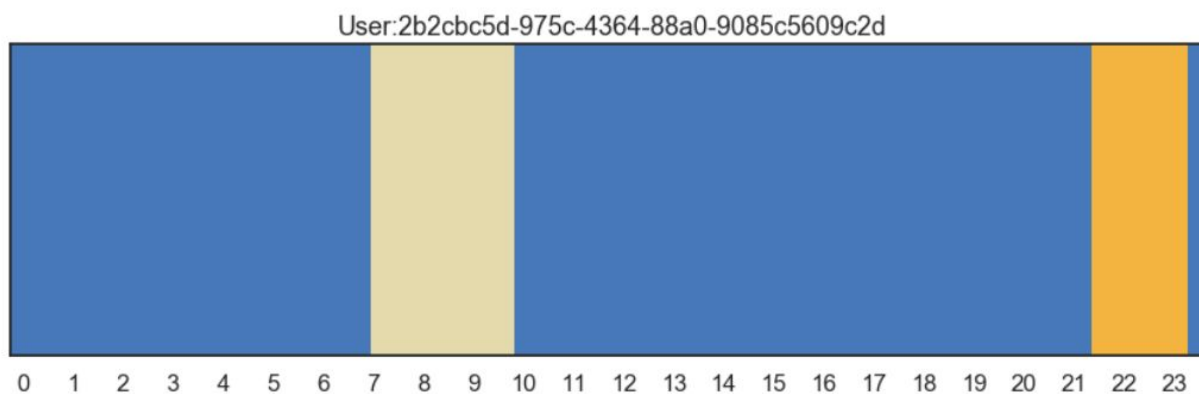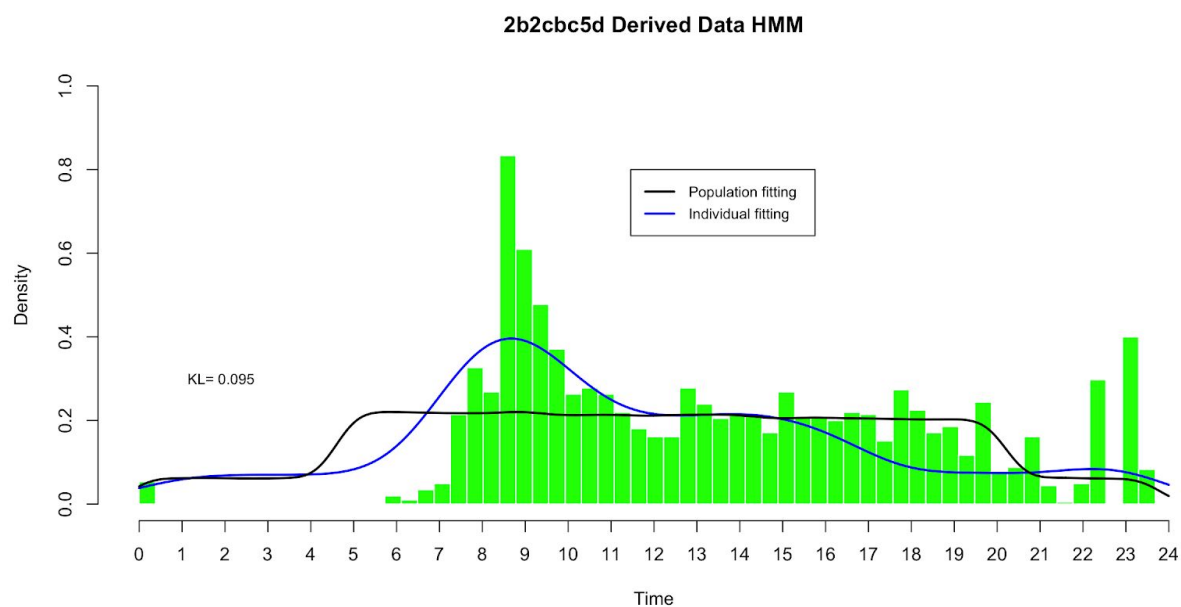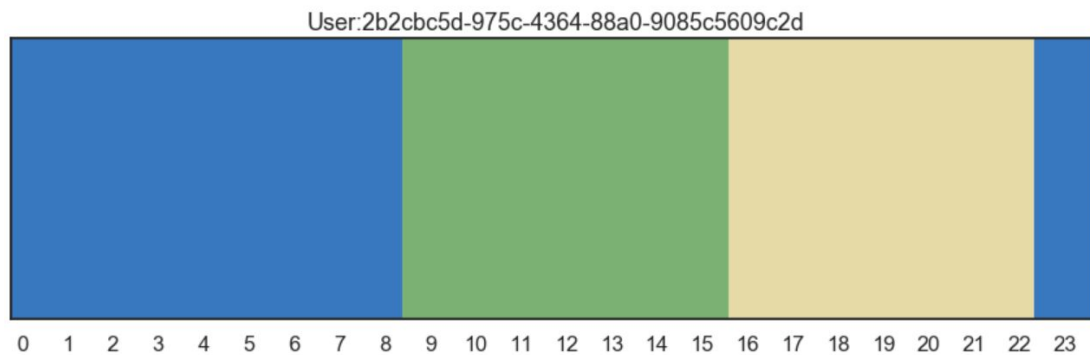## 2b2cbc5d Derived Data MOGPTK

2b2cbc5d Derived Data SLDS

User:2b2cbc5d-975c-4364-88a0-9085c5609c2d

2b2cbc5d Derived Data HMM

KL= 0.095

User:2b2cbc5d-975c-4364-88a0-9085c5609c2d
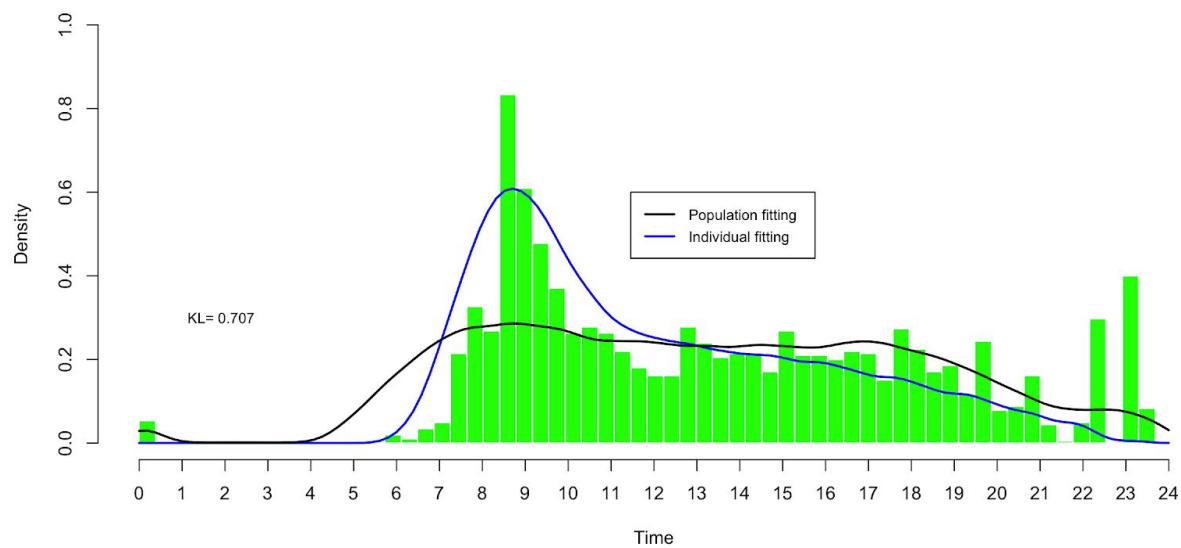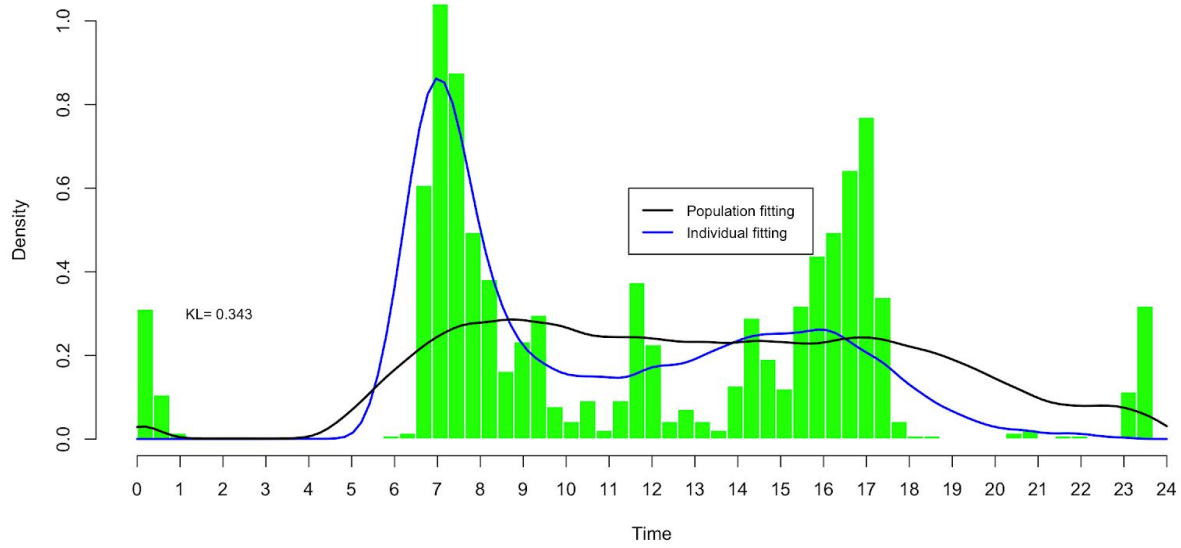
7d439102 Quieter in the middle part of the day

7d439102 Derived Data MixedVonmises

KL= 0.332

Population fitting
Individual fitting

Density

Time

7d439102 Derived Data GPAR

KL= 0.218

Population fitting
Individual fitting

Density

Time

7d439102 Derived Data MOGPTK

Density

KL= 0.343

- Population fitting
- Individual fitting

Time

7d439102 Derived Data SLDS

Density

KL= 0.154

- Population fitting
- Individual fitting

Time
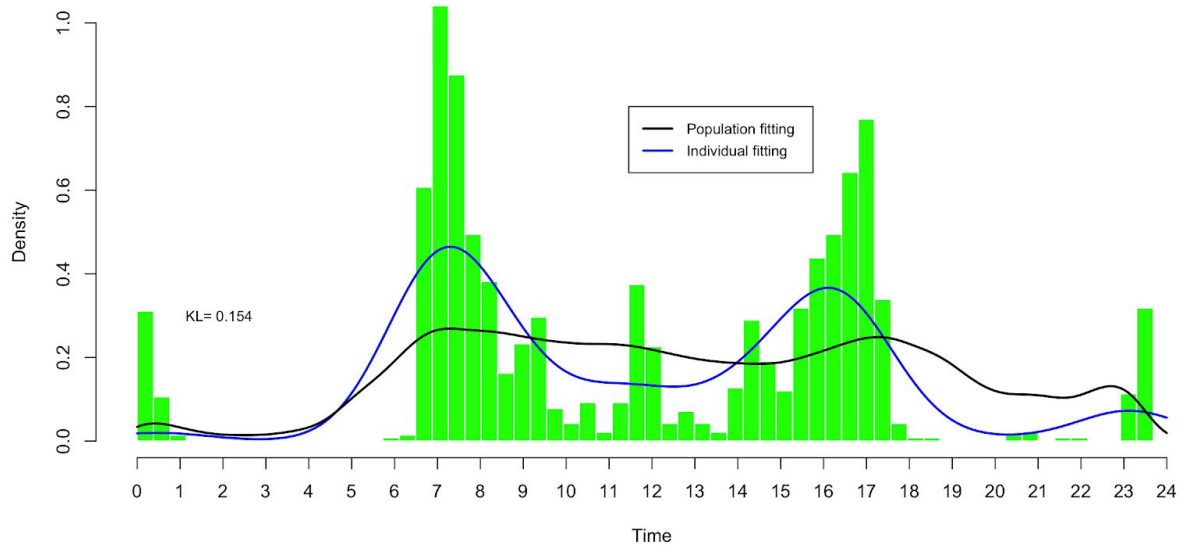
User:7d439102-d5e2-4ffc-92b3-d6e190fbd6f2

7d439102 Derived Data HMM

KL= 0.114

Density

Population fitting
Individual fitting

Time
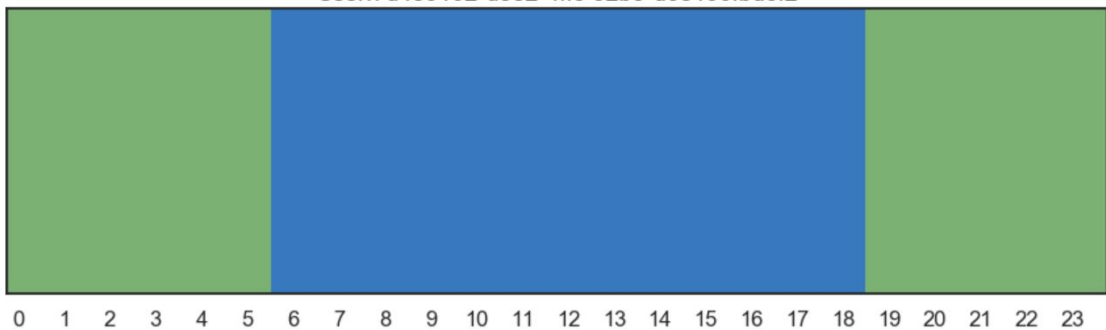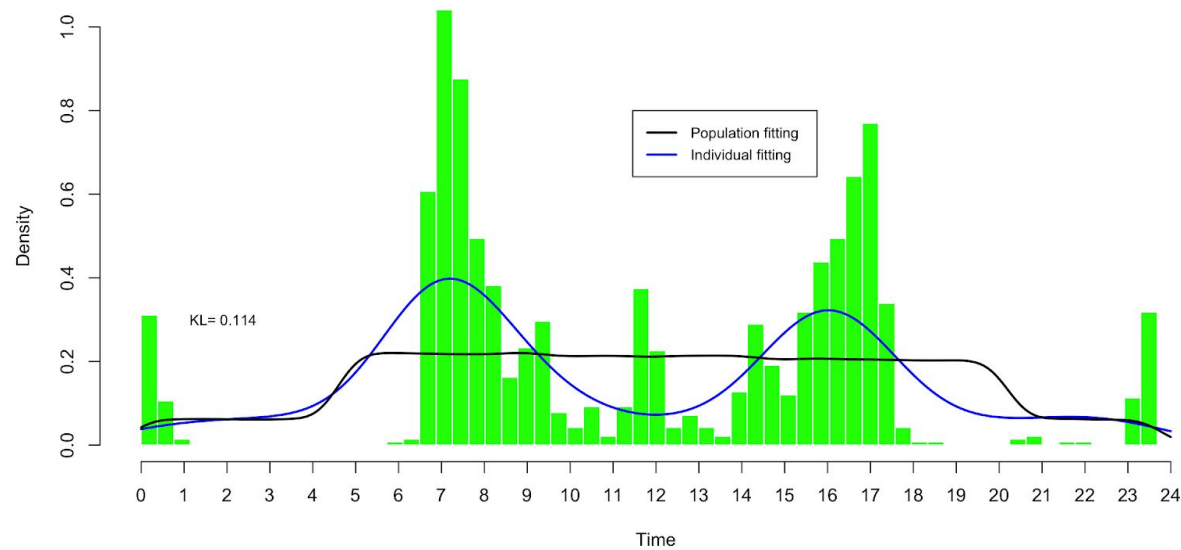
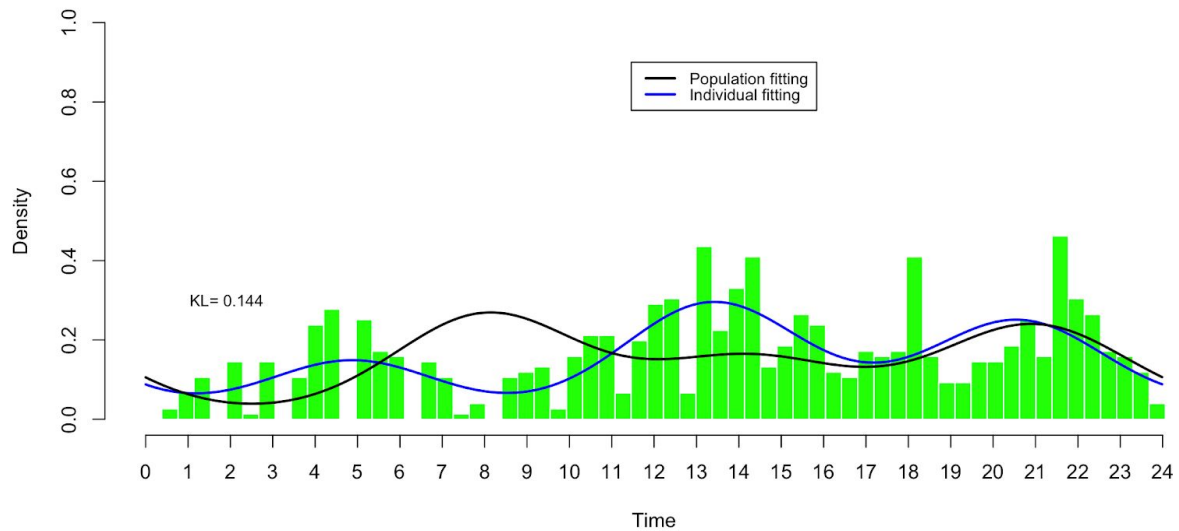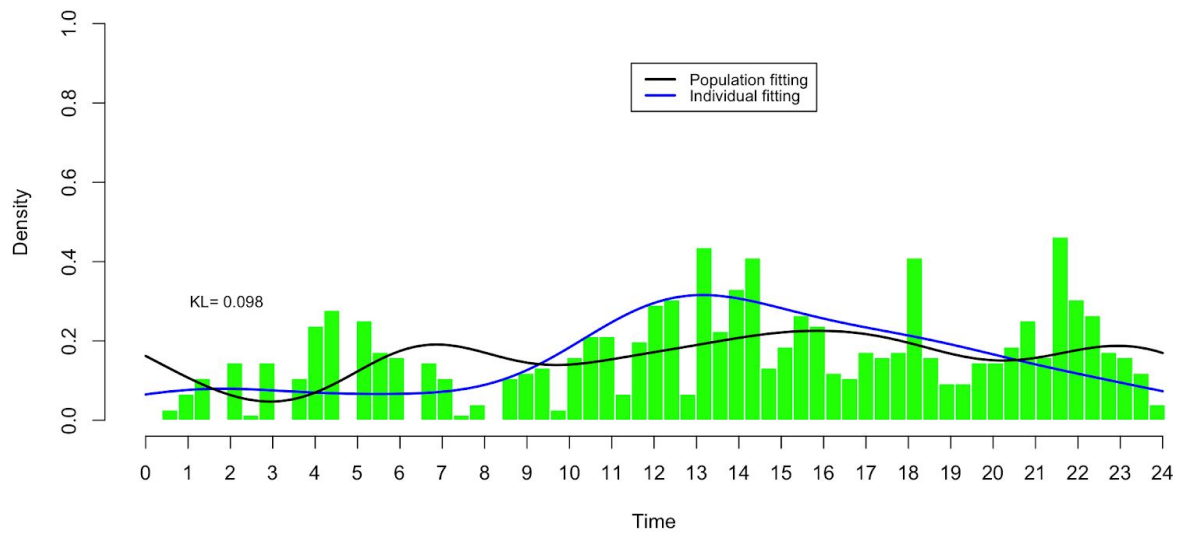User: 7d439102-d5e2-4ffc-92b3-d6e190fbd6f2
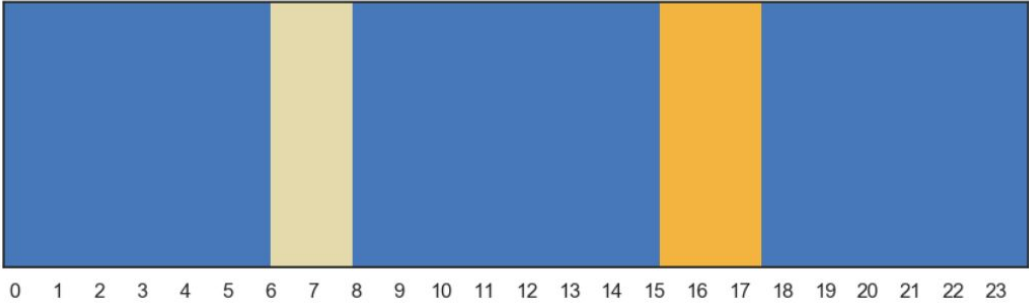
Individual fitting on primary data

9821cc46 Active later than most

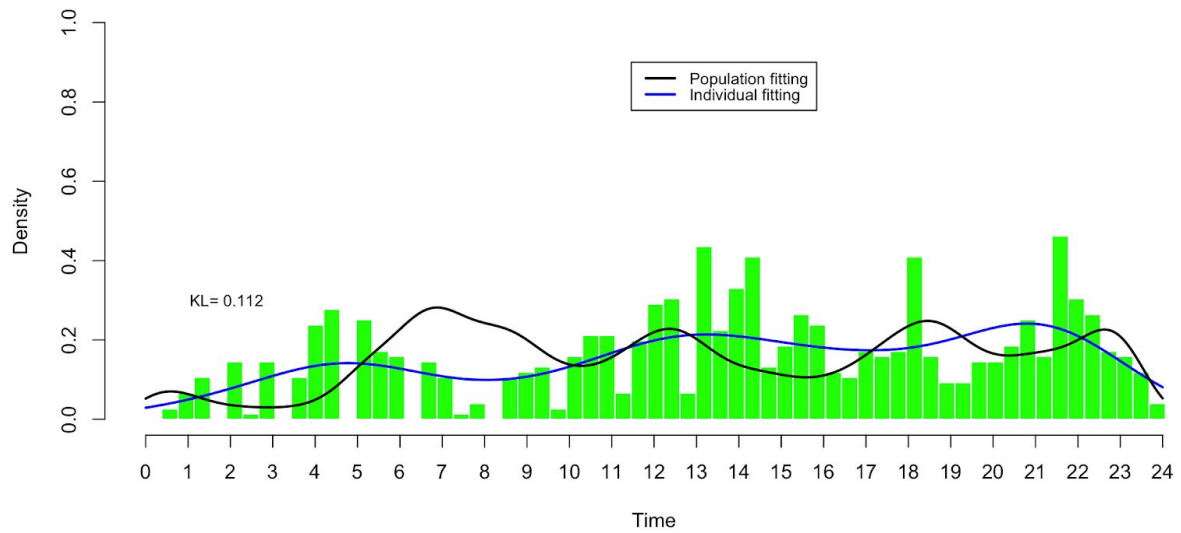### 9821cc46 Primary Data MixedVonMises
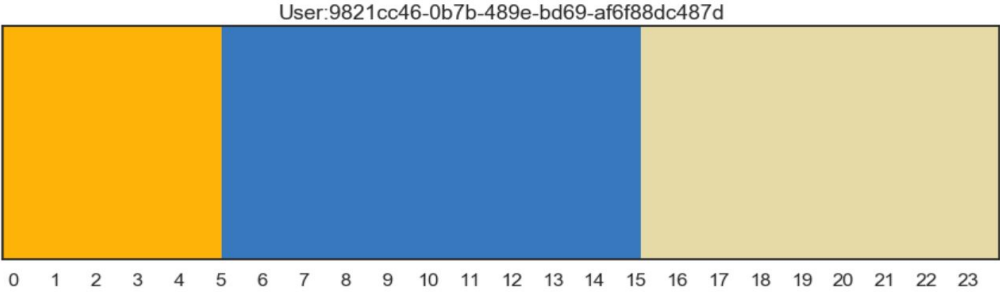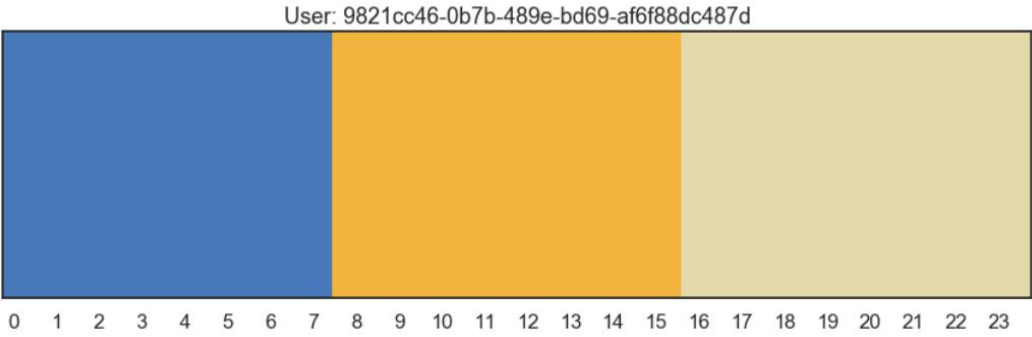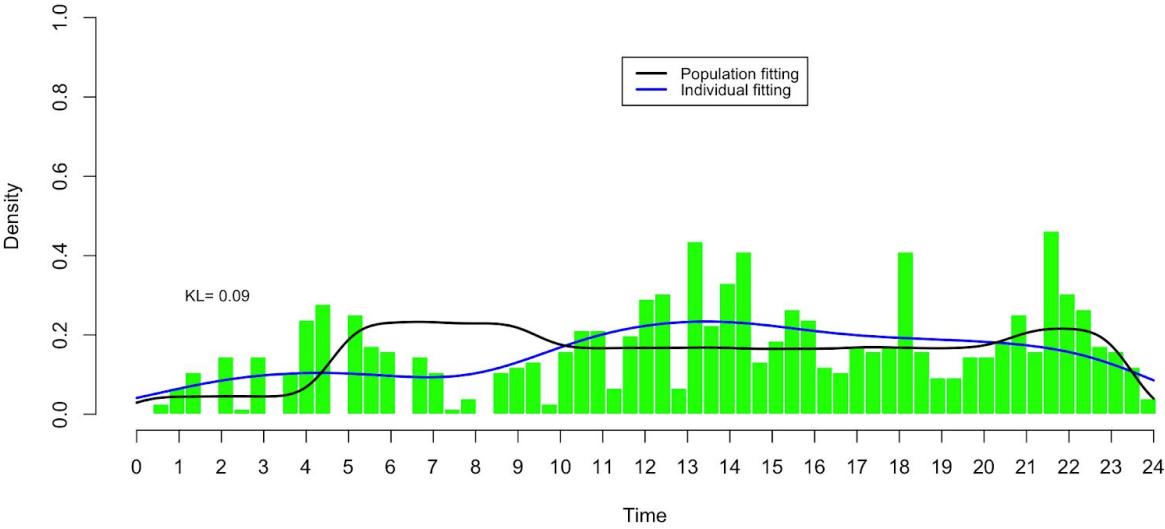
KL= 0.144

9821cc46 Primary Data GPAR

KL= 0.098

9821cc46 Primary Data MOGPTK

9821cc46 Primary Data SLDS

User:9821cc46-0b7b-489e-bd69-af6f88dc487d

9821cc46 Primary Data HMM

KL= 0.09

Population fitting
Individual fitting

Density

Time

User: 9821cc46-0b7b-489e-bd69-af6f88dc487d

2b2cbc5d Active more in the early part of the day

2b2cbc5d Primary Data MixedVonMises

KL= 0.353

Population fitting
Individual fitting

Density

Time

2b2cbc5d Primary Data GPAR

KL= 0.22

Population fitting
Individual fitting

Density

Time

2b2cbc5d Primary Data MOGPTK

KL= 0.41

Legend:
- Population fitting
- Individual fitting

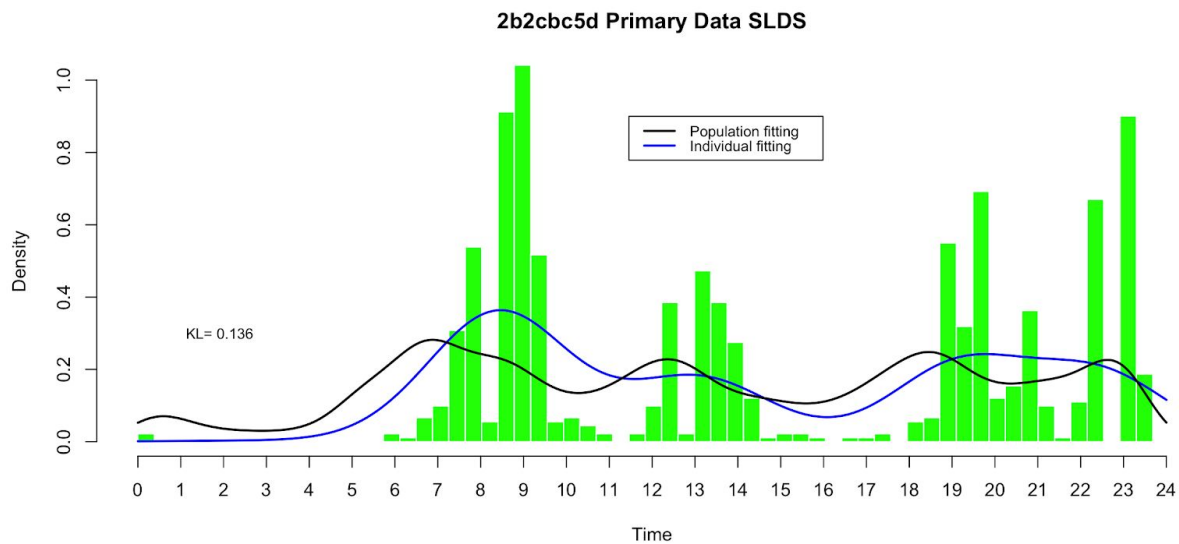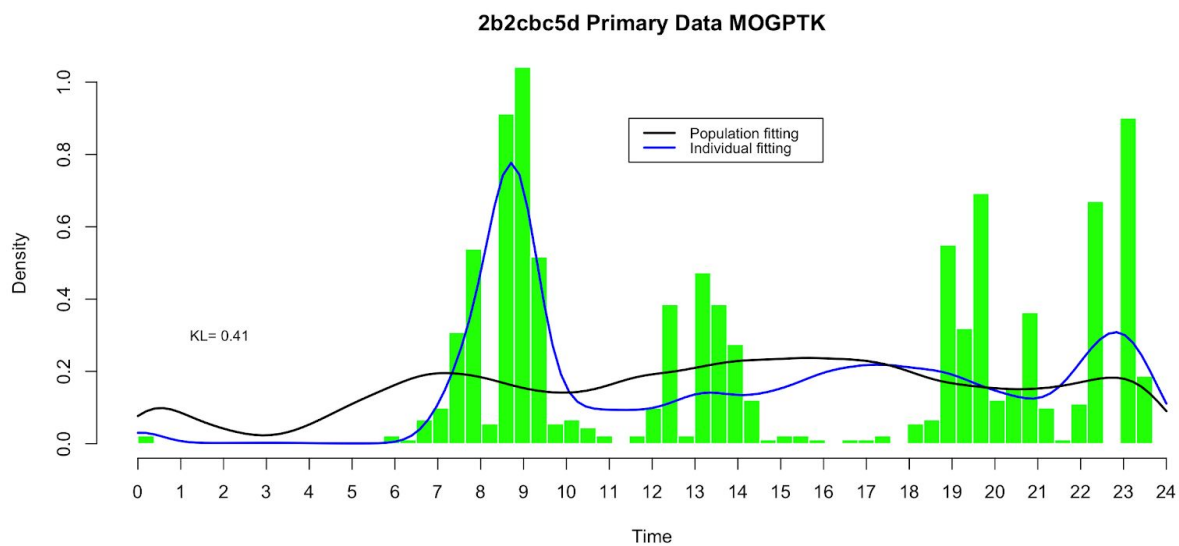Density / Time

2b2cbc5d Primary Data SLDS

KL= 0.136

Legend:
- Population fitting
- Individual fitting

Density / Time

User:2b2cbc5d-975c-4364-88a0-9085c5609c2d

2b2cbc5d Primary Data HMM

KL= 0.09

Population fitting
Individual fitting

Density

Time

User: 2b2cbc5d-975c-4364-88a0-9085c5609c2d

7d439102 Quieter in the middle part of the day

7d439102 Primary Data MixedVonMises

KL= 0.619

- Population fitting
- Individual fitting

7d439102 Primary Data GPAR

KL= 0.135

- Population fitting
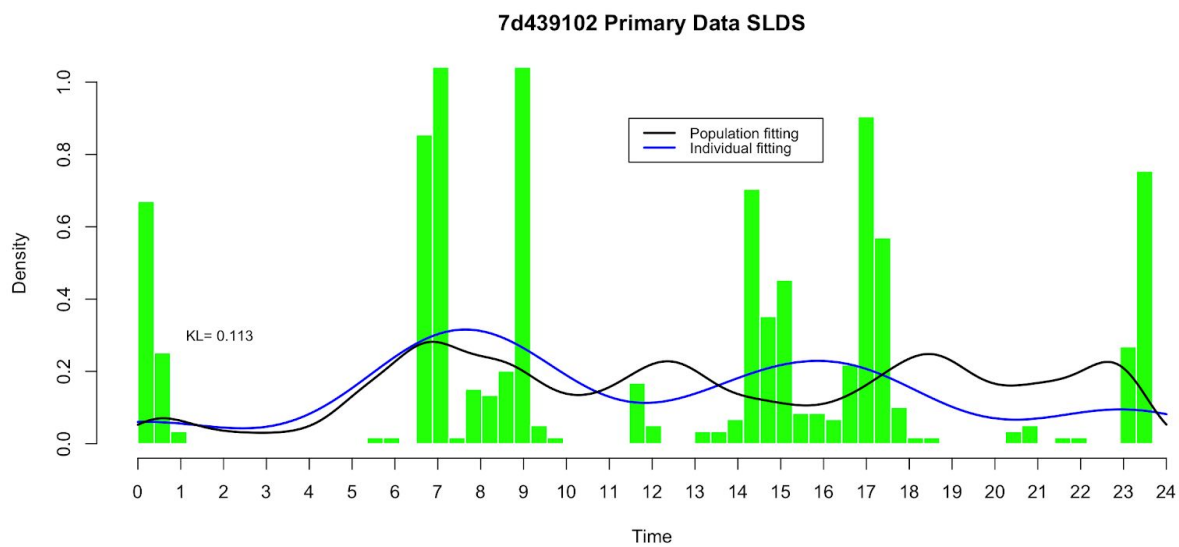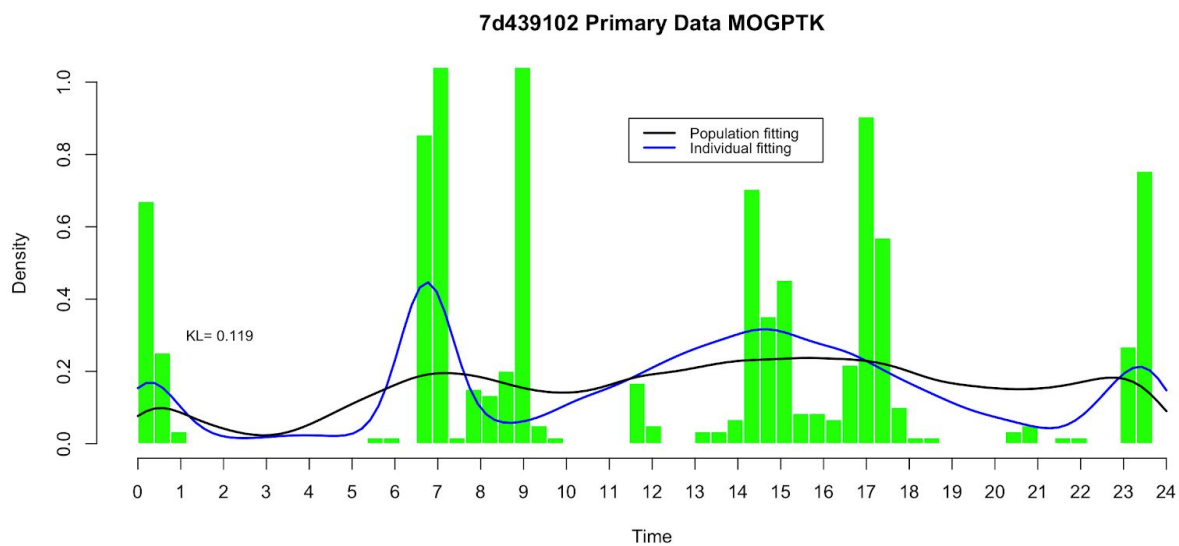- Individual fitting

7d439102 Primary Data MOGPTK

KL= 0.119

Population fitting
Individual fitting

7d439102 Primary Data SLDS

KL= 0.113

Population fitting
Individual fitting

User:7d439102-d5e2-4ffc-92b3-d6e190fbd6f2

7d439102 Primary Data HMM

KL= 0.073

Legend:
- Population fitting
- Individual fitting

User: 7d439102-d5e2-4ffc-92b3-d6e190fbd6f2

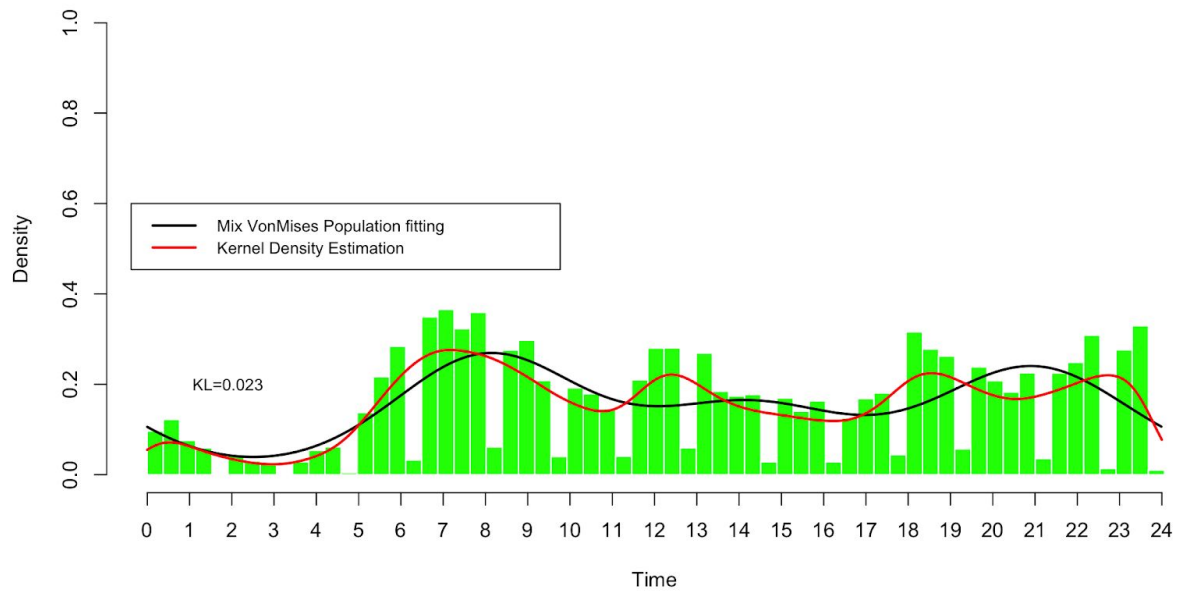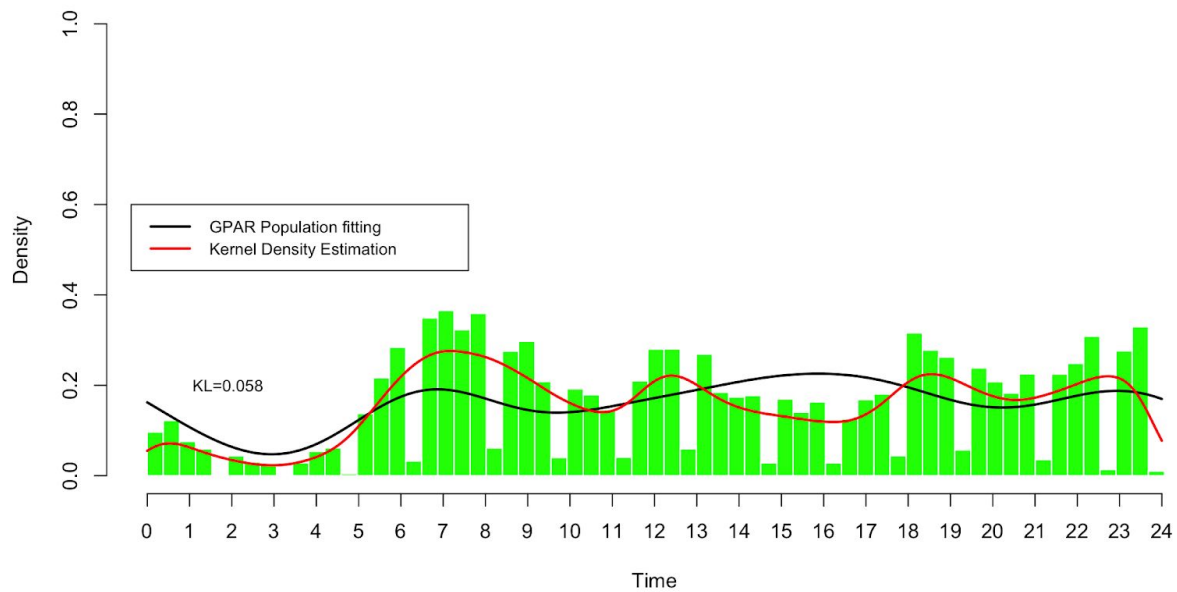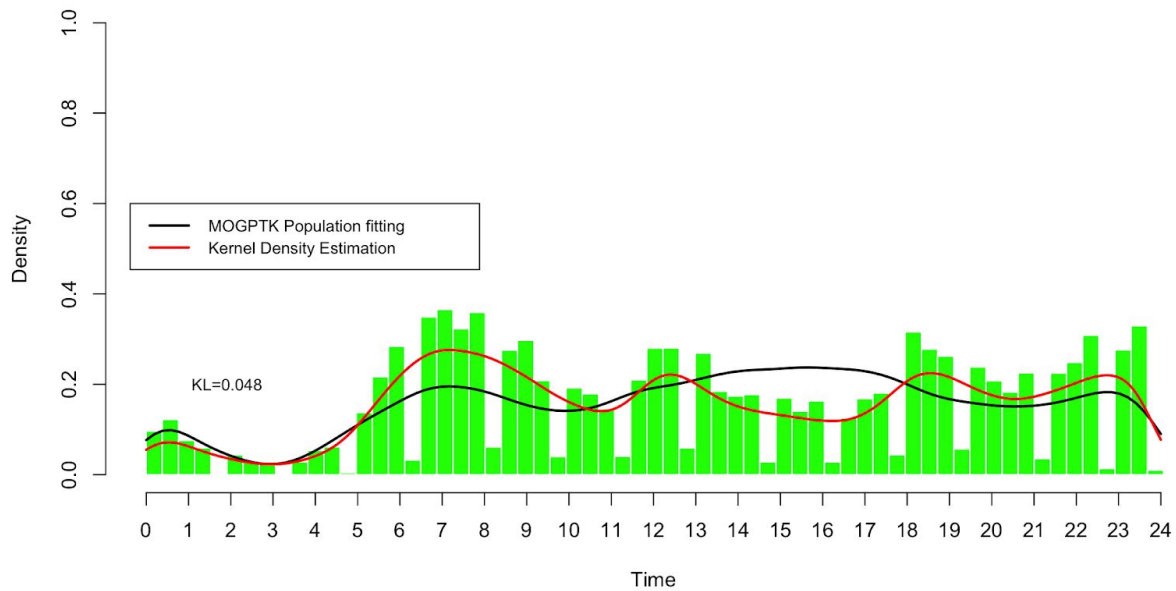# Population fitting on primary data

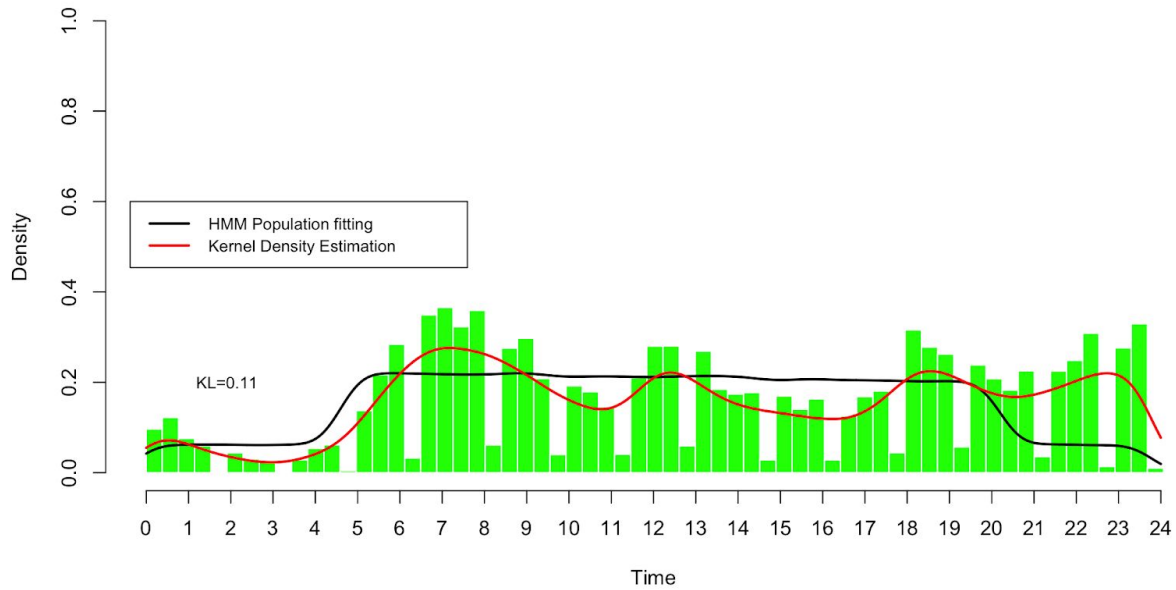**Primary Population Data MixedVonmises**

Primary Population Data GPAR

Primary Population Data MOGPTK

Primary Population Data HMM

Primary Population Data SLDS

KL=0.064

Legend:
- SLDS Population fitting (black line)
- Kernel Density Estimation (red line)

Y-axis: Density
X-axis: Time