# Feature selection results for big\_dataset and Nmin = 10

1. result: **(signal\_strength, peak\_frequency, amp\_of\_peak\_frequency)**

Estimated Epsilon: 0.0062405, Picked Epsilon: 0.021241, MinNumPoints: 10

DBCV index value: 0.97041

cluster -1 had 1.3115% single peaks

cluster 1 had 97.0492% single peaks

cluster 2 had 1.3115% single peaks

cluster 3 had 0% single peaks

cluster 4 had 0% single peaks

cluster 5 had 0.32787% single peaks

Feature selection results for big\_dataset and Nmin = 10

1. result: **(signal\_strength, peak\_frequency, max\_frequency)**

**Estimated Epsilon: 0.0062405, Picked Epsilon: 0.018741, MinNumPoints: 10**

**DBCV index value: 0.66925**

**cluster -1 had 1.4754% single peaks**

**cluster 1 had 97.0492% single peaks**

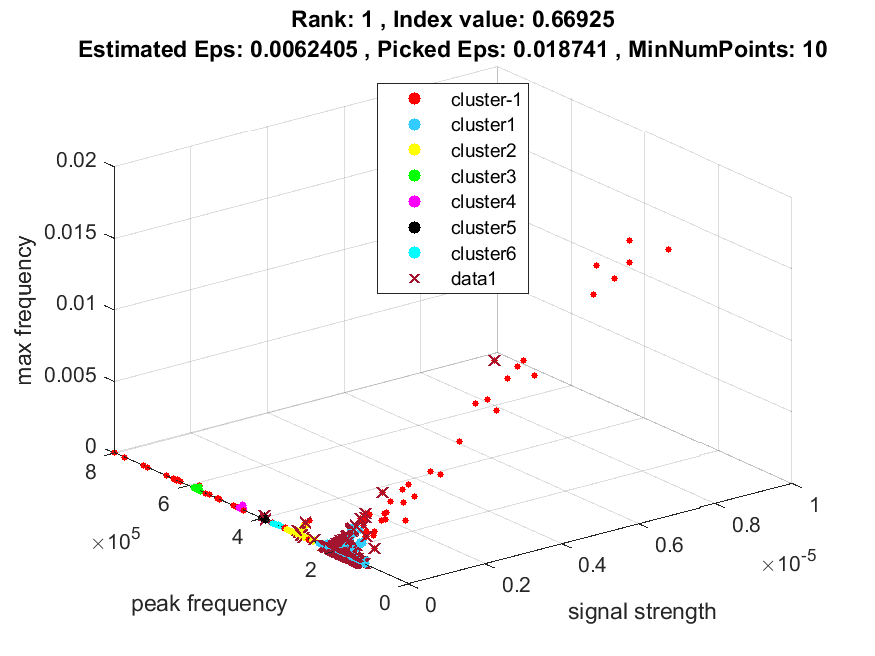
**cluster 2 had 1.1475% single peaks**

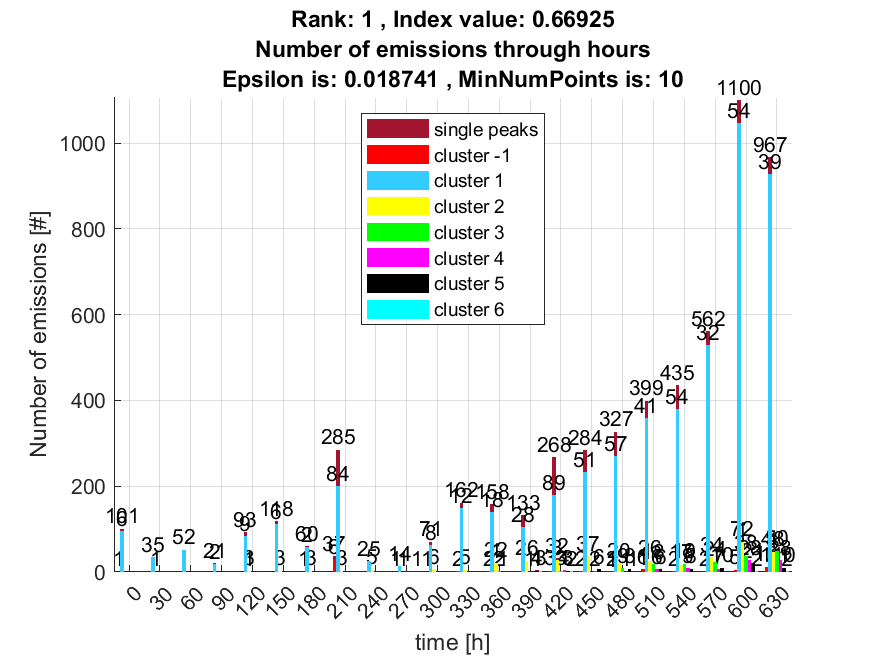
**cluster 3 had 0% single peaks**

**cluster 4 had 0% single peaks**

**cluster 5 had 0.32787% single peaks**

**cluster 6 had 0% single peaks**

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**2. result: (peak\_amplitude, peak\_frequency, max\_frequency)**

**Estimated Epsilon: 0.0085671, Picked Epsilon: 0.021067, MinNumPoints: 10**

**DBCV index value: 0.66481**

**cluster -1 had 1.6393% single peaks**

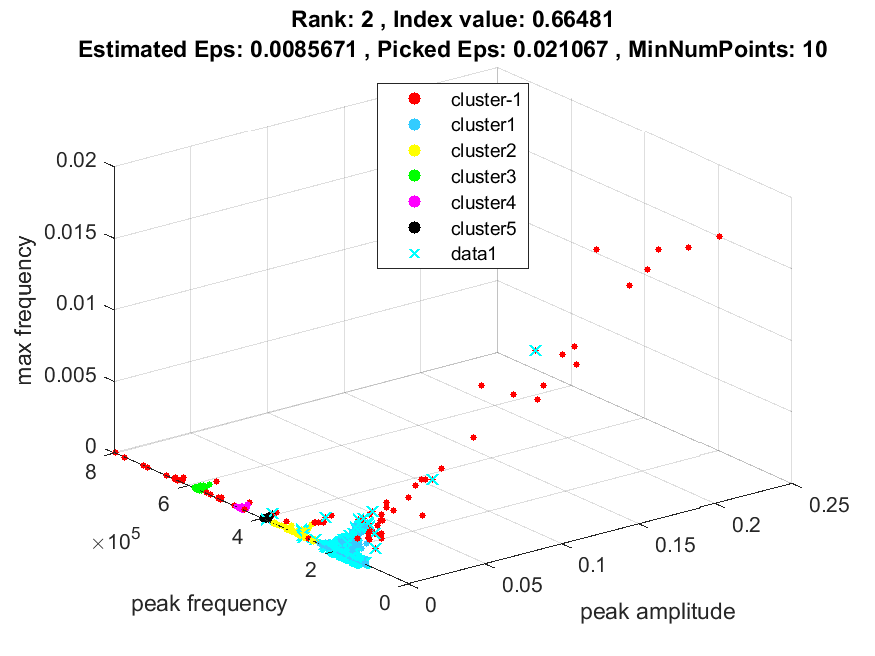
**cluster 1 had 96.8852% single peaks**

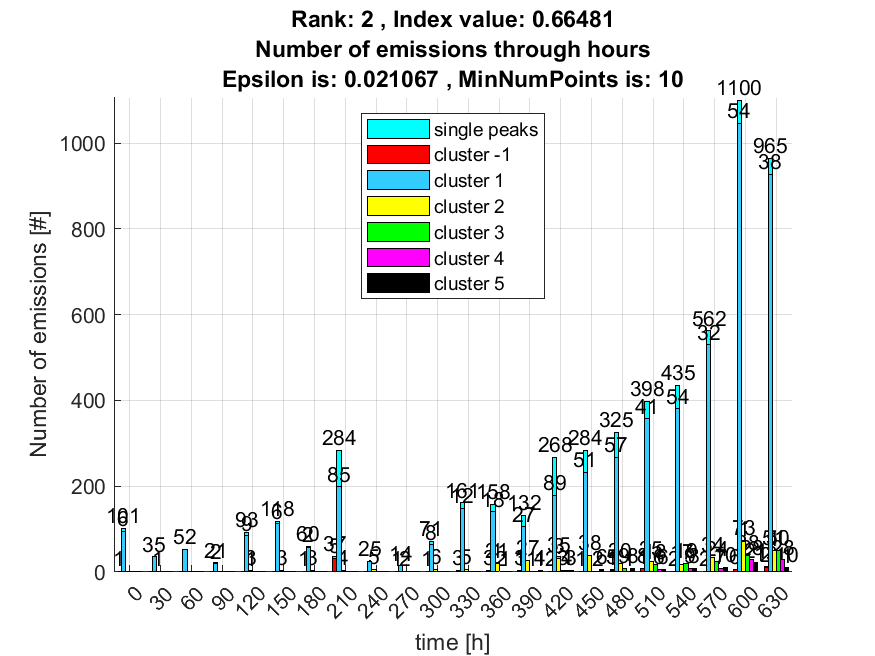
**cluster 2 had 1.1475% single peaks**

**cluster 3 had 0% single peaks**

**cluster 4 had 0% single peaks**

**cluster 5 had 0.32787% single peaks**

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**3. result: (peak\_amplitude, pp3, peak\_frequency)**

**Estimated Epsilon: 0.018447, Picked Epsilon: 0.040947, MinNumPoints: 10**

**DBCV index value: 0.65286**

**cluster -1 had 1.3115% single peaks**

**cluster 1 had 98.0328% single peaks**

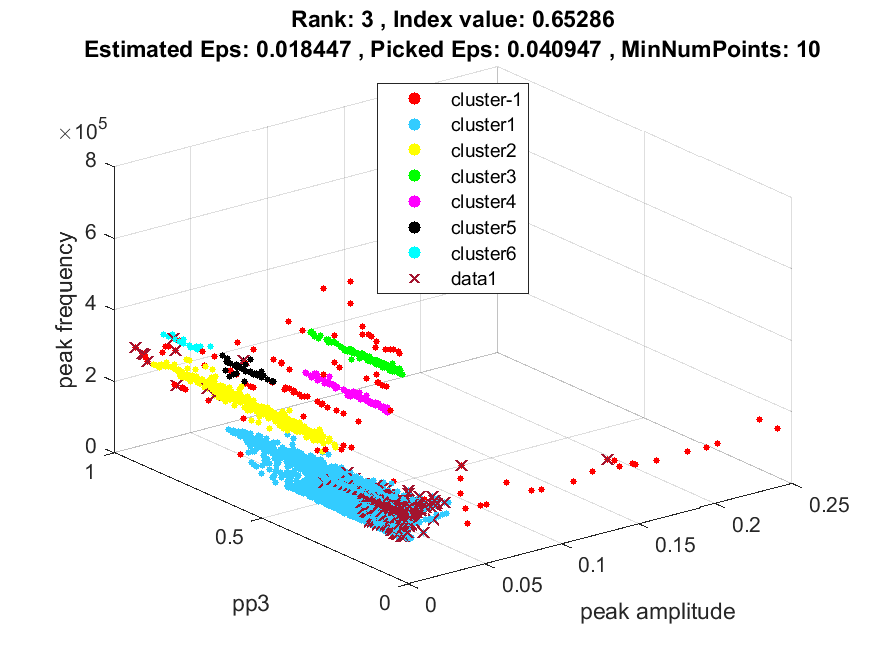
**cluster 2 had 0.32787% single peaks**

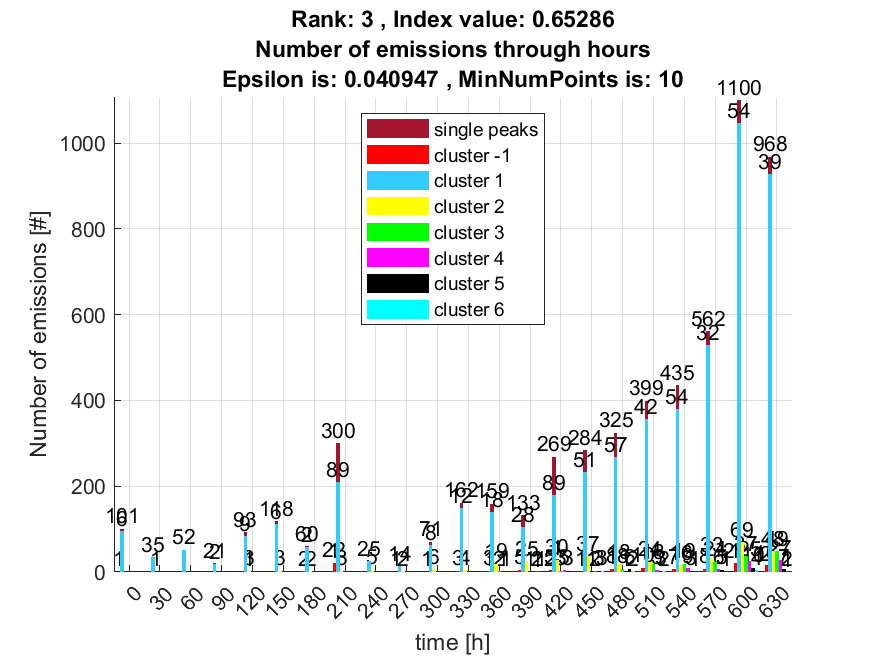
**cluster 3 had 0% single peaks**

**cluster 4 had 0% single peaks**

**cluster 5 had 0.16393% single peaks**

**cluster 6 had 0.16393% single peaks**

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**4. result: (pp3, peak\_frequency, max\_frequency)**

**Estimated Epsilon: 0.014342, Picked Epsilon: 0.039342, MinNumPoints: 10**

**DBCV index value: 0.65251**

**cluster -1 had 1.3115% single peaks**

**cluster 1 had 98.0328% single peaks**

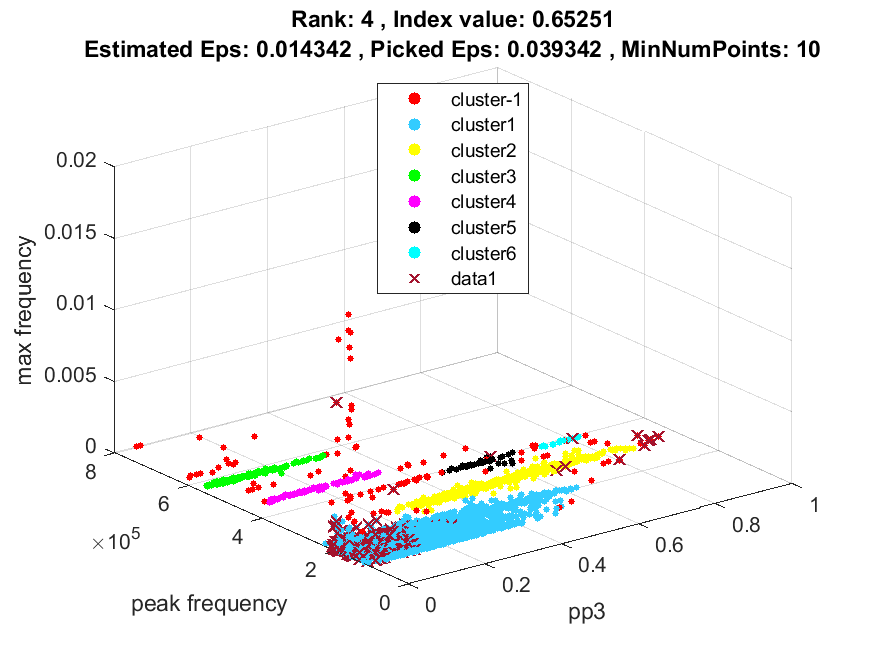
**cluster 2 had 0.32787% single peaks**

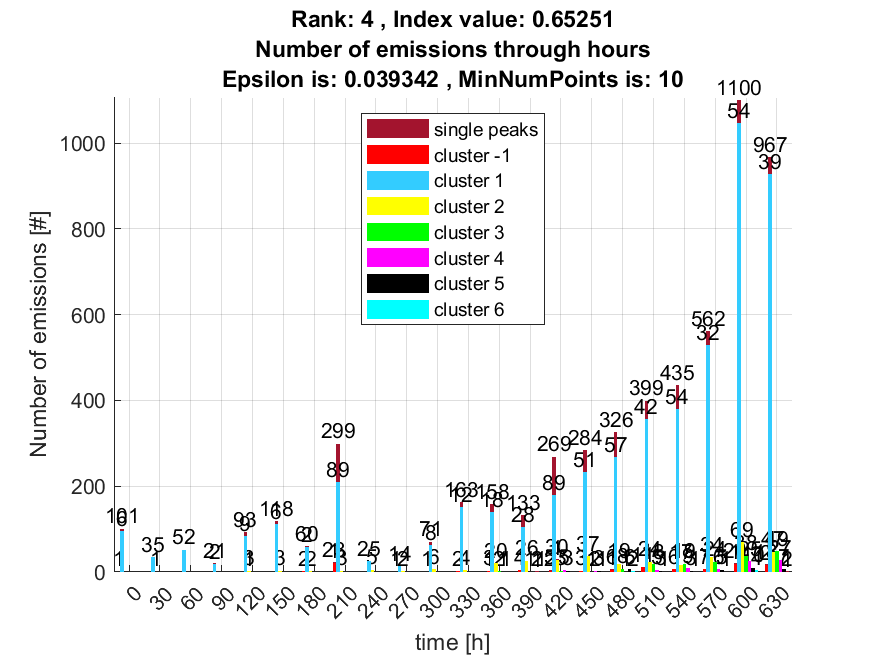
**cluster 3 had 0% single peaks**

**cluster 4 had 0% single peaks**

**cluster 5 had 0.16393% single peaks**

**cluster 6 had 0.16393% single peaks**

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**5. result: (signal\_strength, pp3, peak\_frequency)**

**Estimated Epsilon: 0.017417, Picked Epsilon: 0.039917, MinNumPoints: 10**

**DBCV index value: 0.65191**

**cluster -1 had 1.3115% single peaks**

**cluster 1 had 98.0328% single peaks**

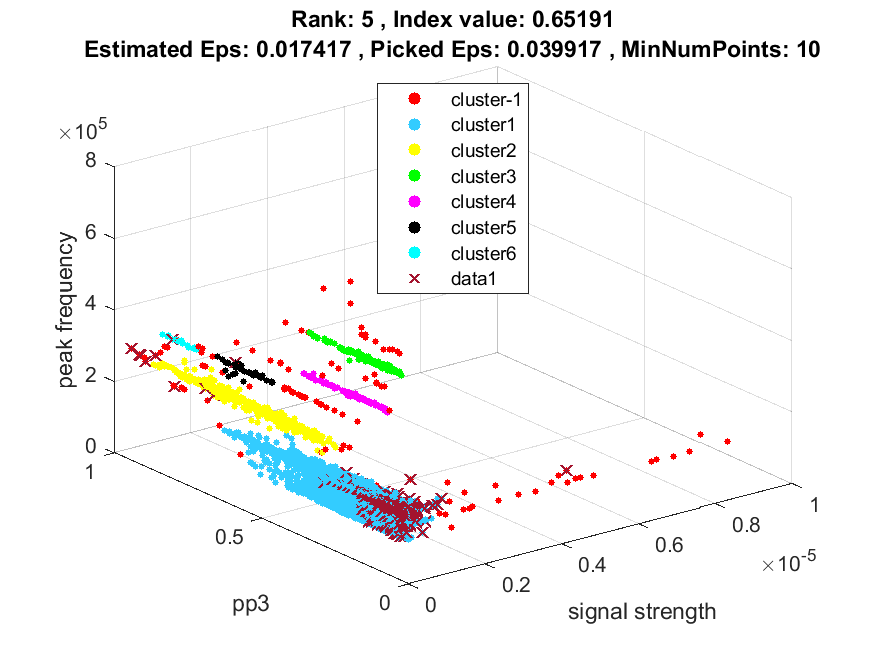
**cluster 2 had 0.32787% single peaks**

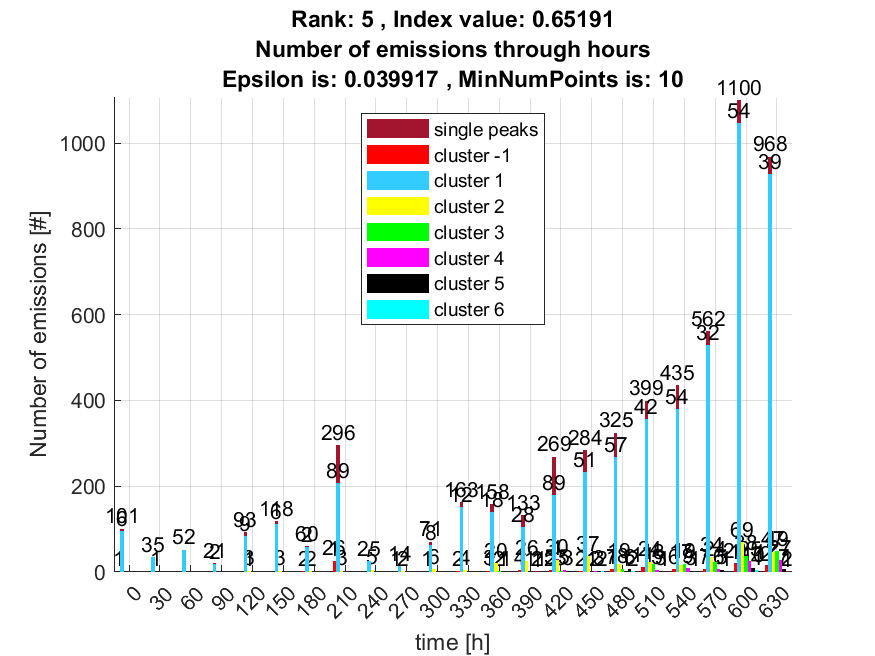
**cluster 3 had 0% single peaks**

**cluster 4 had 0% single peaks**

**cluster 5 had 0.16393% single peaks**

**cluster 6 had 0.16393% single peaks**

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**6. result: (pp2, peak\_frequency, max\_frequency)**

**Estimated Epsilon: 0.01633, Picked Epsilon: 0.04383, MinNumPoints: 10**

**DBCV index value: 0.64942**

**cluster -1 had 0.65574% single peaks**

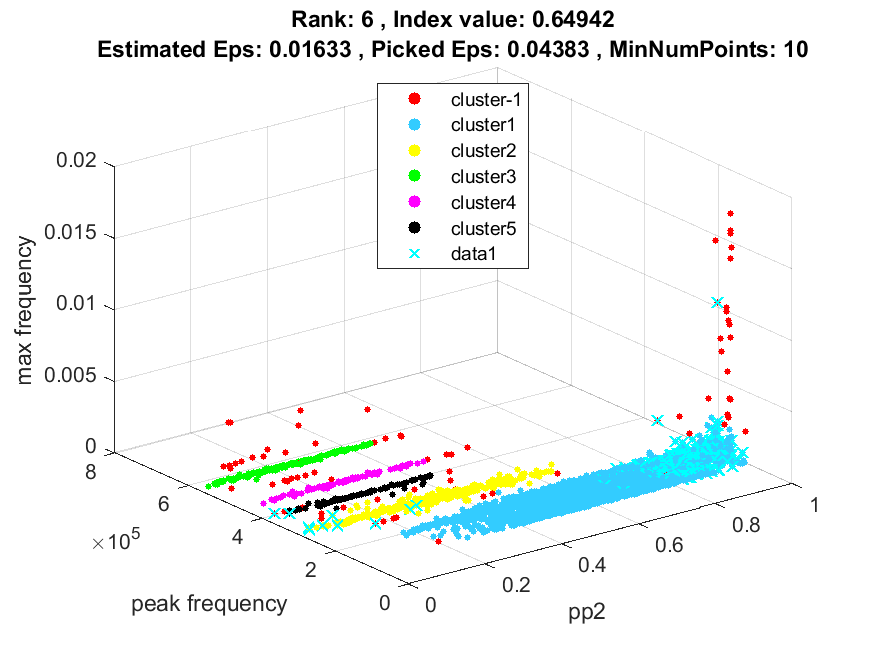
**cluster 1 had 98.0328% single peaks**

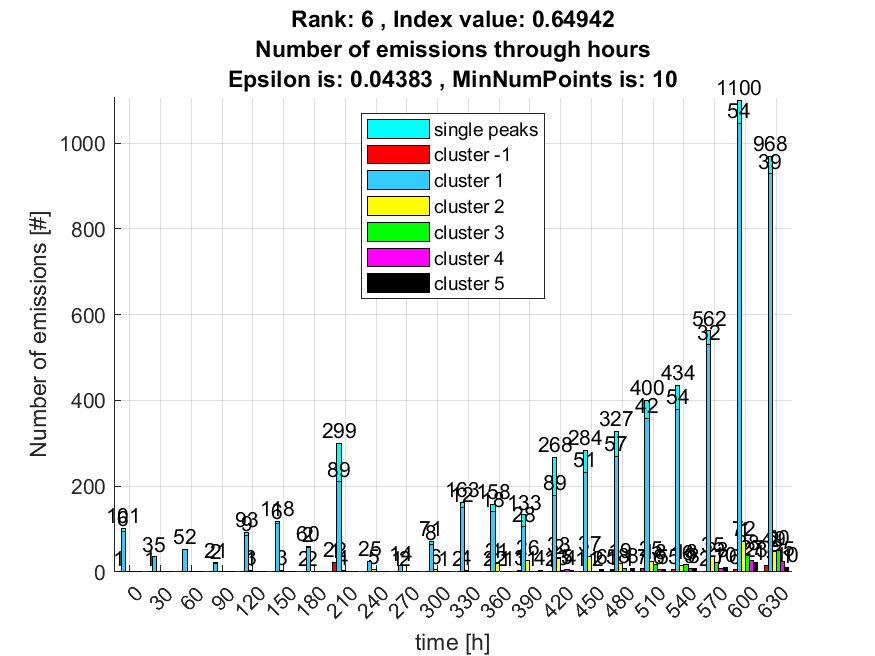
**cluster 2 had 1.1475% single peaks**

**cluster 3 had 0% single peaks**

**cluster 4 had 0% single peaks**

**cluster 5 had 0.16393% single peaks**

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**7. result: (signal\_strength, centroid\_frequency, peak\_frequency)**

**Estimated Epsilon: 0.01697, Picked Epsilon: 0.04197, MinNumPoints: 10**

**DBCV index value: 0.64873**

**cluster -1 had 0.4918% single peaks**

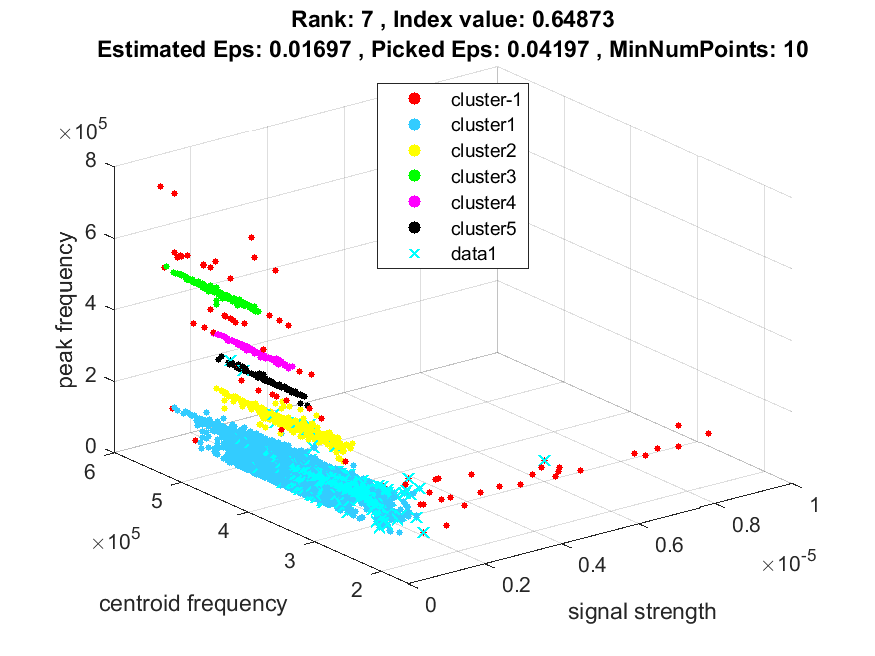
**cluster 1 had 98.0328% single peaks**

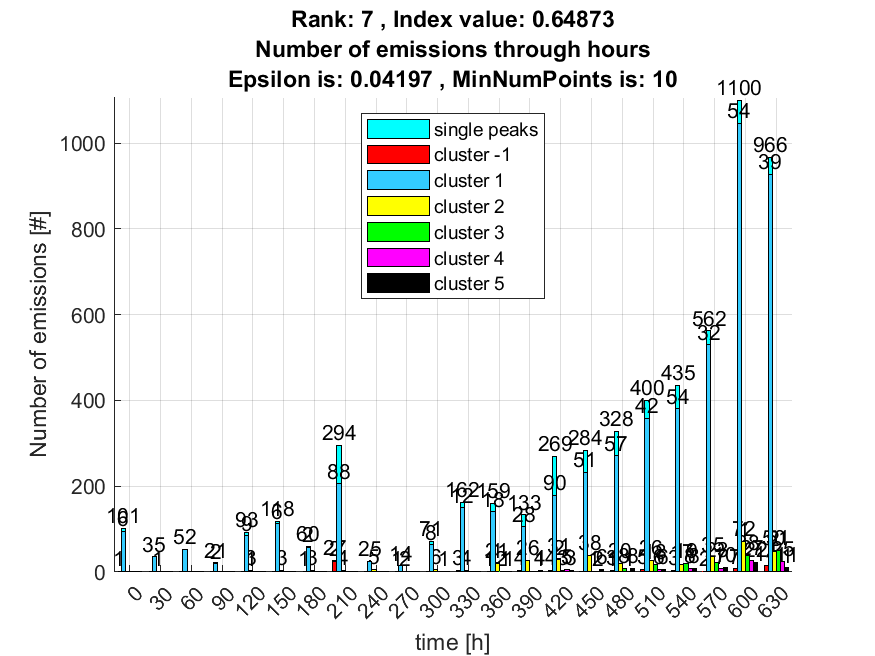
**cluster 2 had 1.1475% single peaks**

**cluster 3 had 0% single peaks**

**cluster 4 had 0% single peaks**

**cluster 5 had 0.32787% single peaks**

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**8. result: (peak\_amplitude, pp2, peak\_frequency)**

**Estimated Epsilon: 0.018288, Picked Epsilon: 0.043288, MinNumPoints: 10**

**DBCV index value: 0.64832**

**cluster -1 had 0.98361% single peaks**

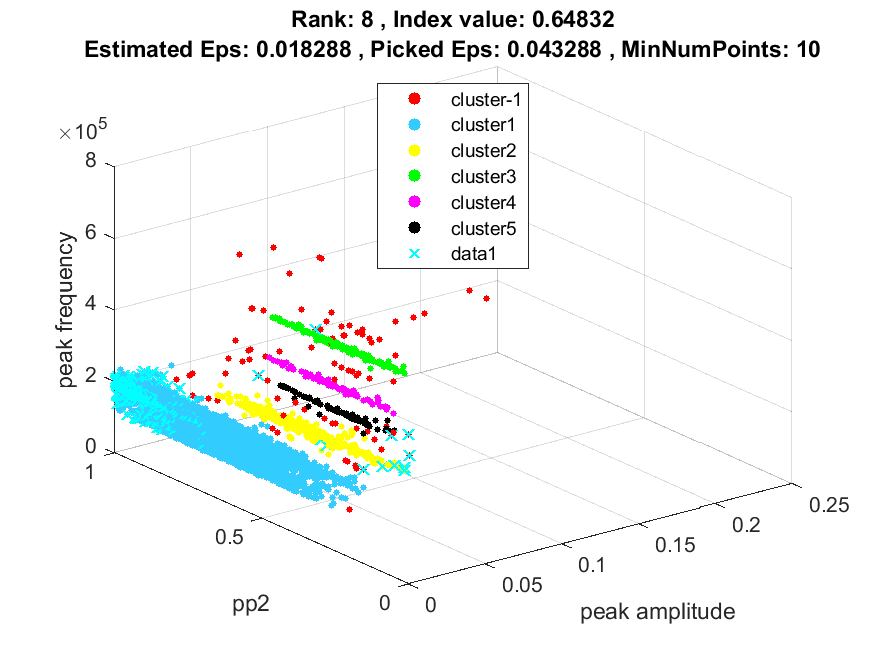
**cluster 1 had 98.0328% single peaks**

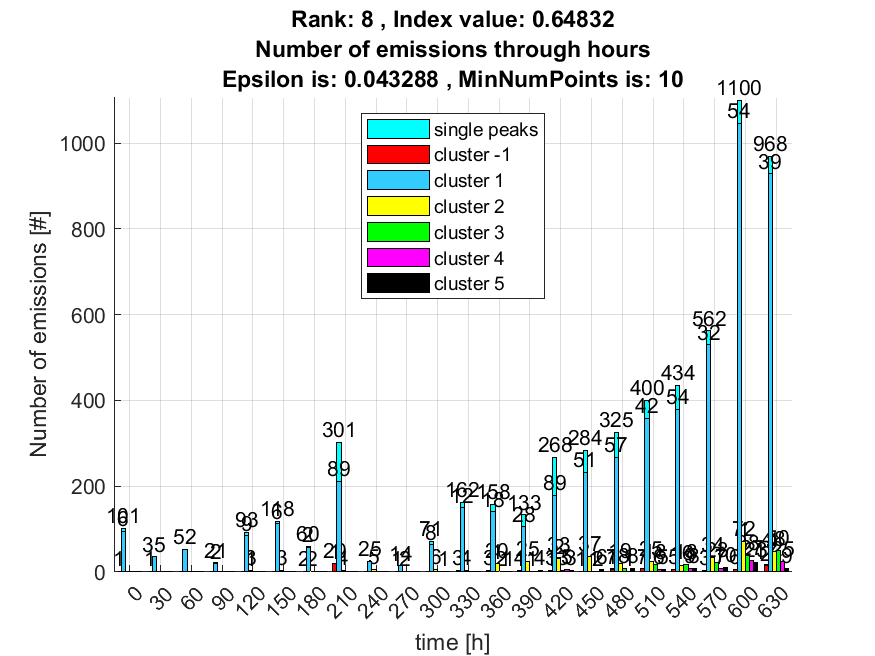
**cluster 2 had 0.98361% single peaks**

**cluster 3 had 0% single peaks**

**cluster 4 had 0% single peaks**

**cluster 5 had 0% single peaks**

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**9. result: (centroid\_frequency, peak\_frequency, max\_frequency)**

**Estimated Epsilon: 0.016101, Picked Epsilon: 0.041101, MinNumPoints: 10**

**DBCV index value: 0.64811**

**cluster -1 had 0.4918% single peaks**

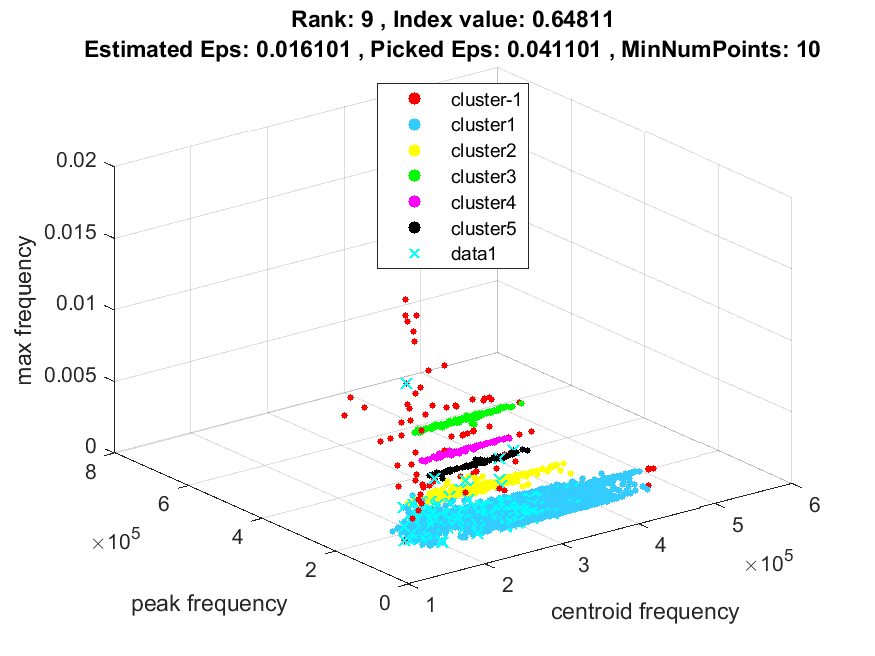
**cluster 1 had 98.0328% single peaks**

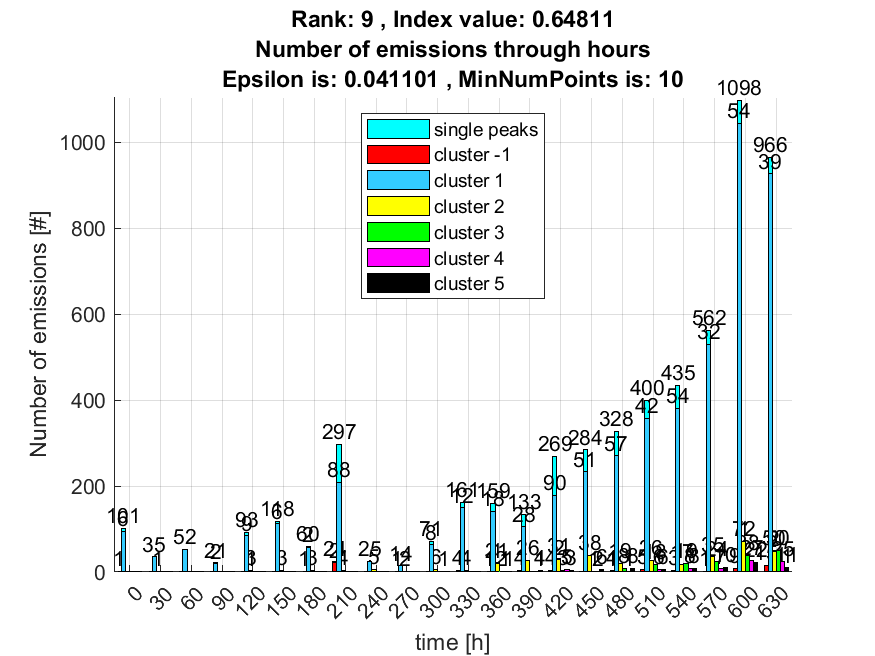
**cluster 2 had 1.1475% single peaks**

**cluster 3 had 0% single peaks**

**cluster 4 had 0% single peaks**

**cluster 5 had 0.32787% single peaks**

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**10. result: (signal\_strength, pp2, peak\_frequency)**

**Estimated Epsilon: 0.016969, Picked Epsilon: 0.041969, MinNumPoints: 10**

**DBCV index value: 0.6467**

**cluster -1 had 0.98361% single peaks**

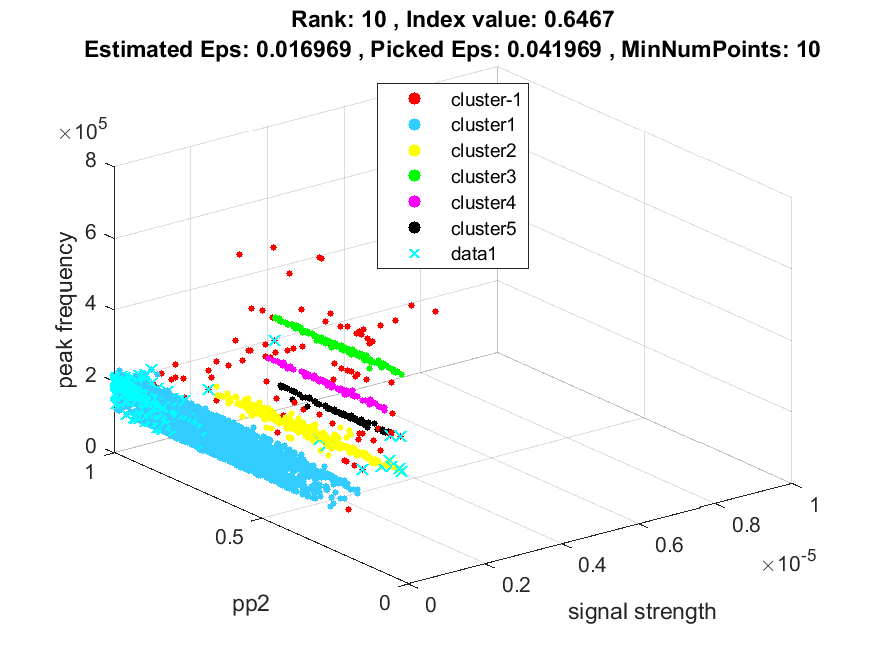
**cluster 1 had 97.8689% single peaks**

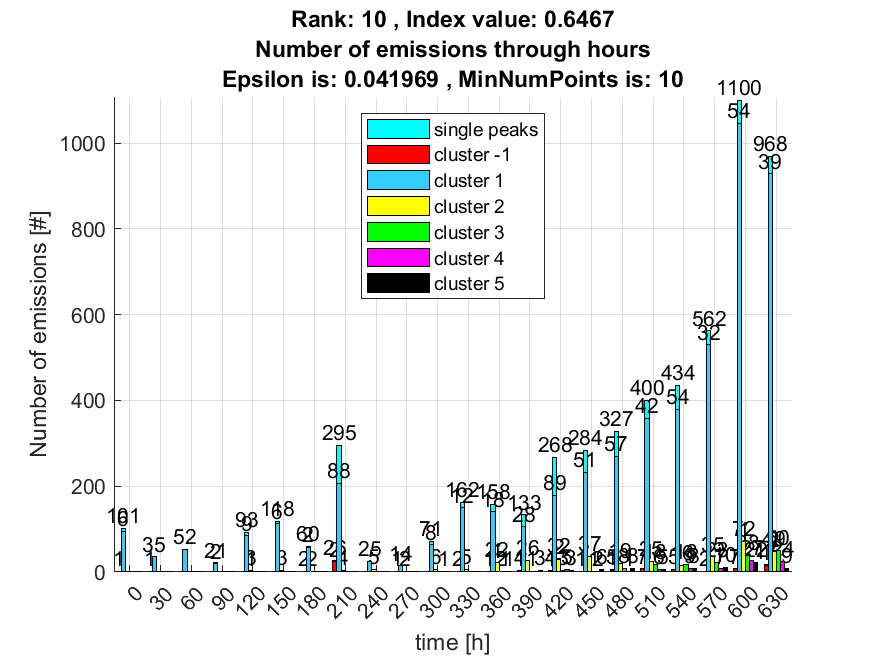
**cluster 2 had 1.1475% single peaks**

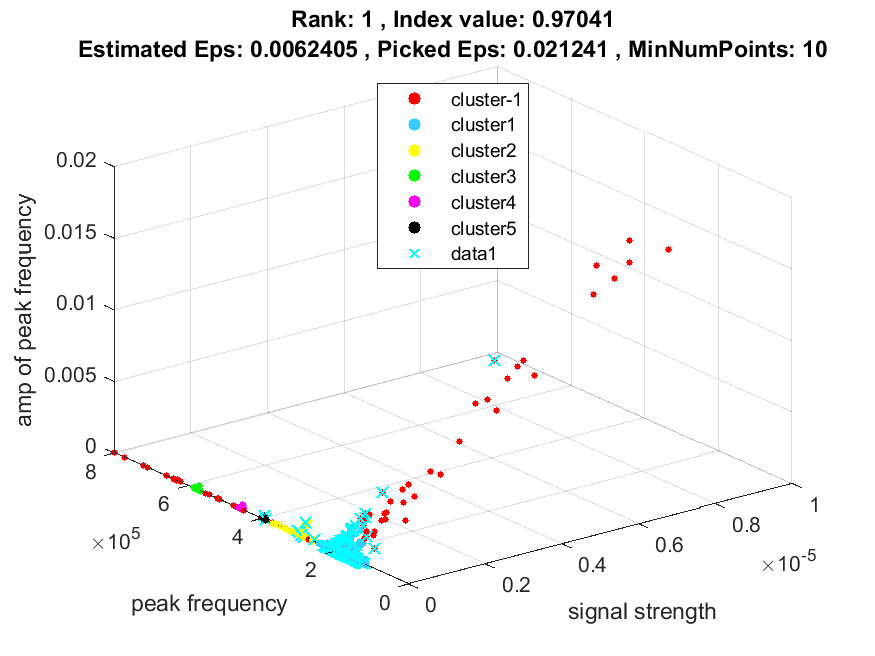
**cluster 3 had 0% single peaks**

**cluster 4 had 0% single peaks**

**cluster 5 had 0% single peaks**

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