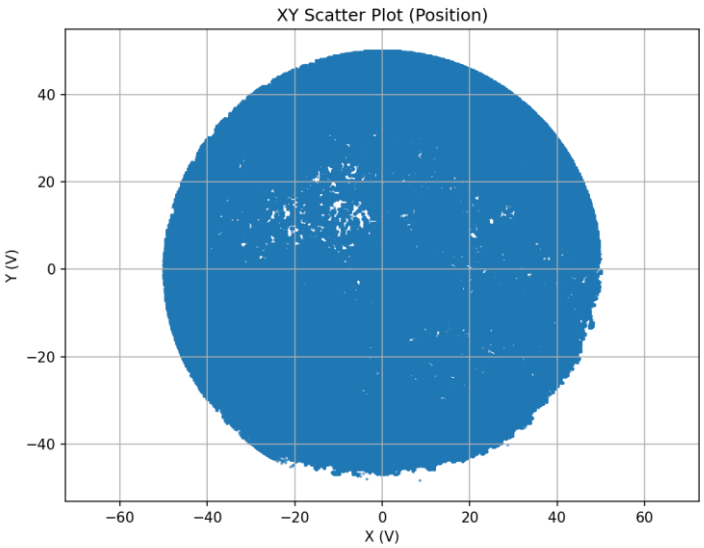
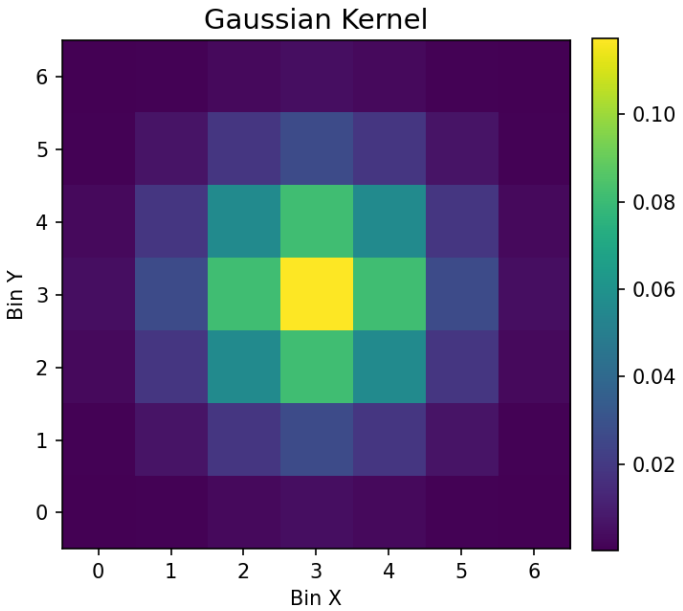
פרויקט מפגש 5:

מיקומי x,y בתוך הזירה:

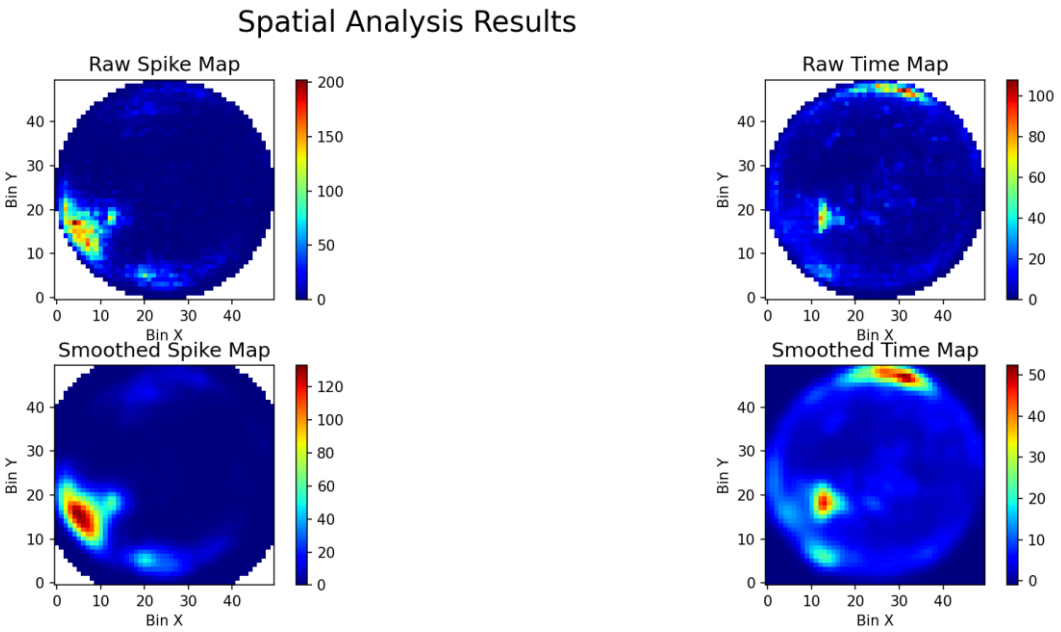


הגאוסייאן הדו מימדי:

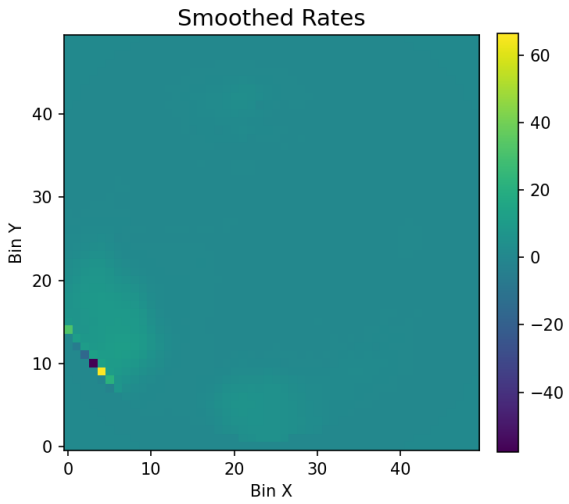


עבור תא 1.7:

Spike maps ו occupancy map לפני ואחרי החלקה:



קצב ספייקים לפי מקום:

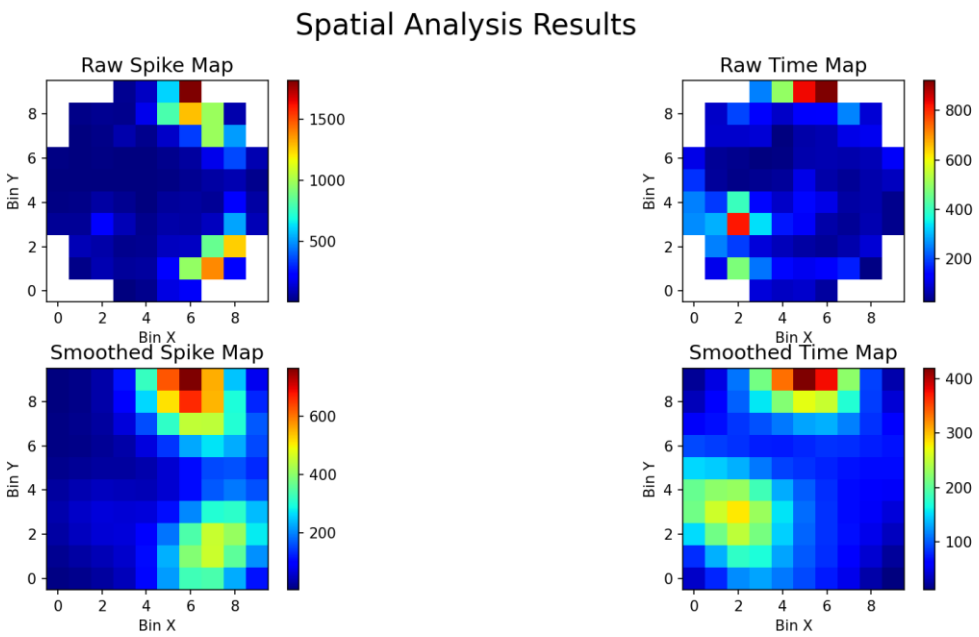


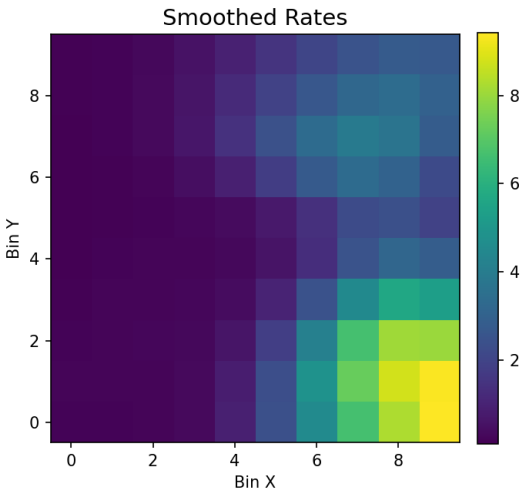
איכות חיזוי(עבור גודל בין 10):

```
Predicted Bin (MAP): (np.int64(9), np.int64(5))
Predicted Bin (MAP): (np.int64(9), np.int64(5))
Actual Bin (from avg position): (9, 5)
✅ Prediction matched the actual bin.


Prediction Accuracy: 28.57% over 14 windows
```

עבור תא 5.5:

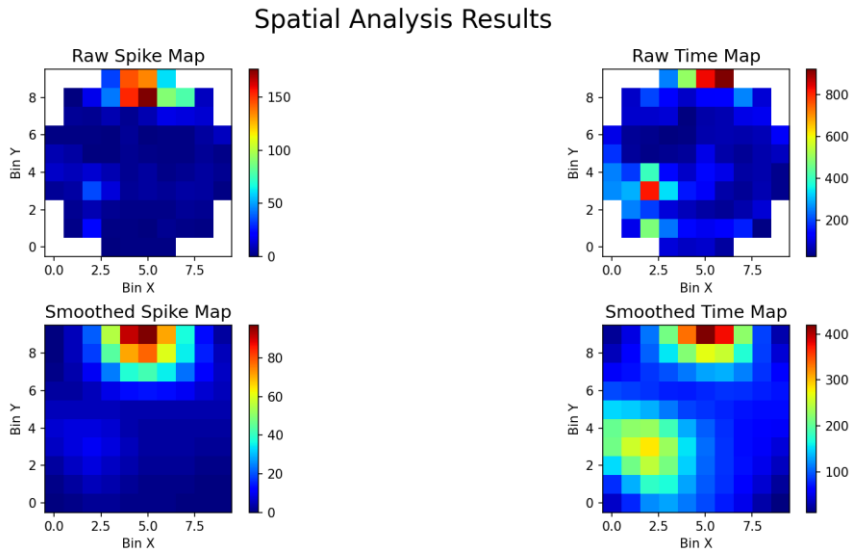


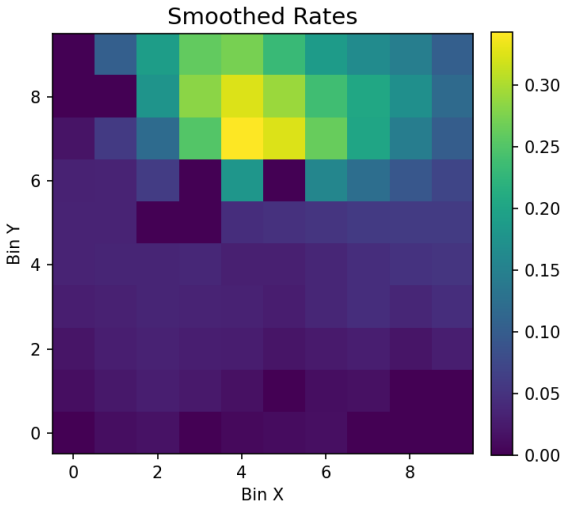



```
Prediction Results (Window: 1000s to 1005.0s)
Predicted Bin (MAP): (np.int64(9), np.int64(6))
Actual Bin (from avg position): (9, 5)
❌ Prediction did NOT match the actual bin.
❌ Prediction did NOT match the actual bin.

Prediction Accuracy: 14.29% over 14 windows
```

עבור תא 5.14:

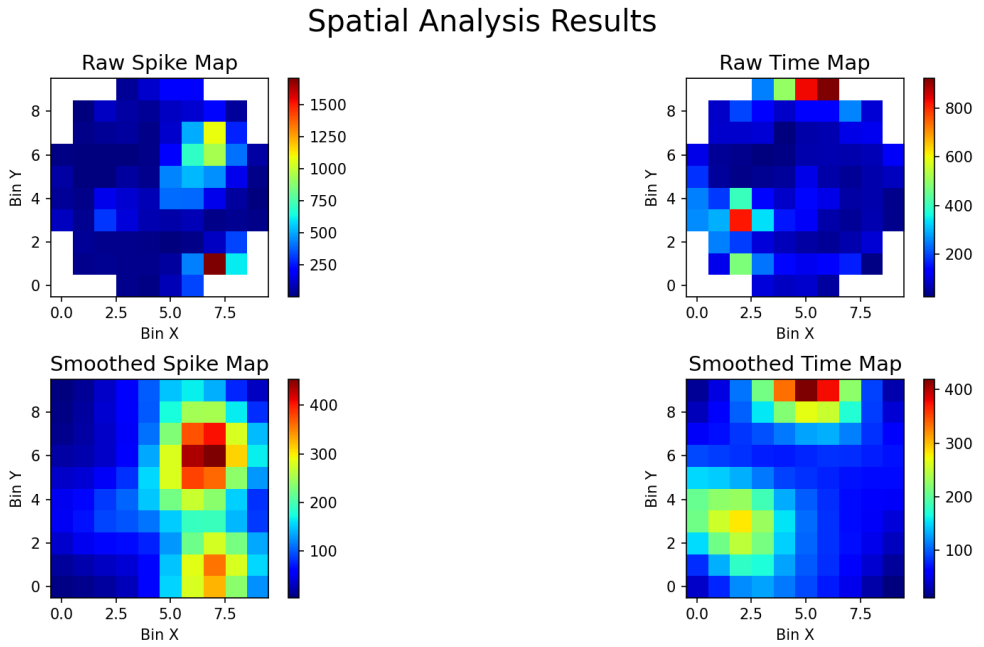


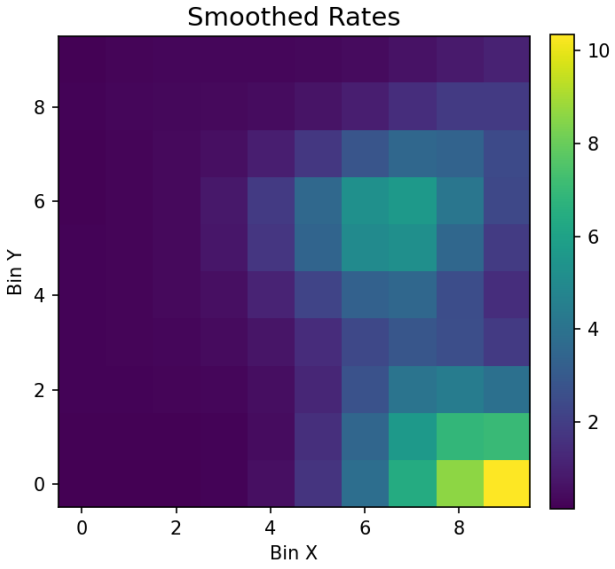



```
Prediction Results (Window: 1000s to 1005.0s)
Predicted Bin (MAP): (np.int64(0), np.int64(0))
Actual Bin (from avg position): (9, 5)
❌ Prediction did NOT match the actual bin.

Prediction Accuracy: 7.14% over 14 windows
```

:3.3 תא






```
Prediction Results (Window: 1000s to 1005.0s)
Predicted Bin (MAP): (np.int64(9), np.int64(5))
Actual Bin (from avg position): (9, 5)
✅ Prediction matched the actual bin.

Prediction Accuracy: 14.29% over 14 windows
```