

# Preliminary Report

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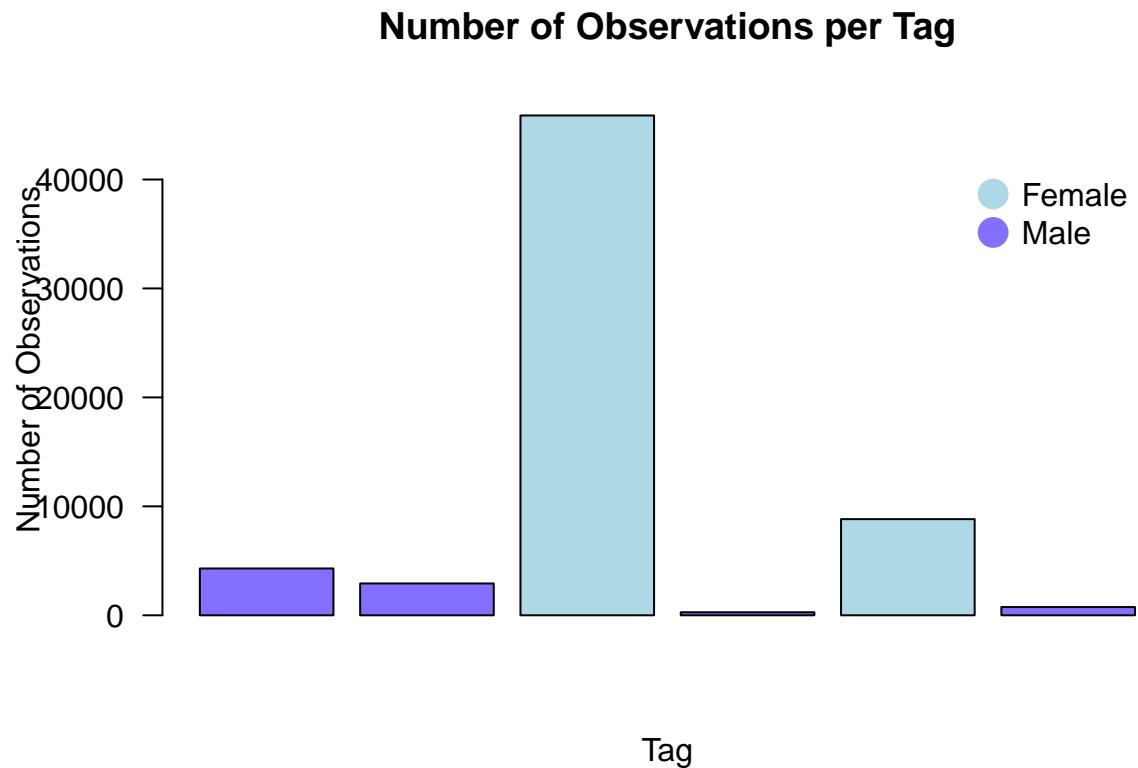
2023-01-12

## Basic Summary of All Data

Total number of observations: 63154  
Total number of animal tags 8

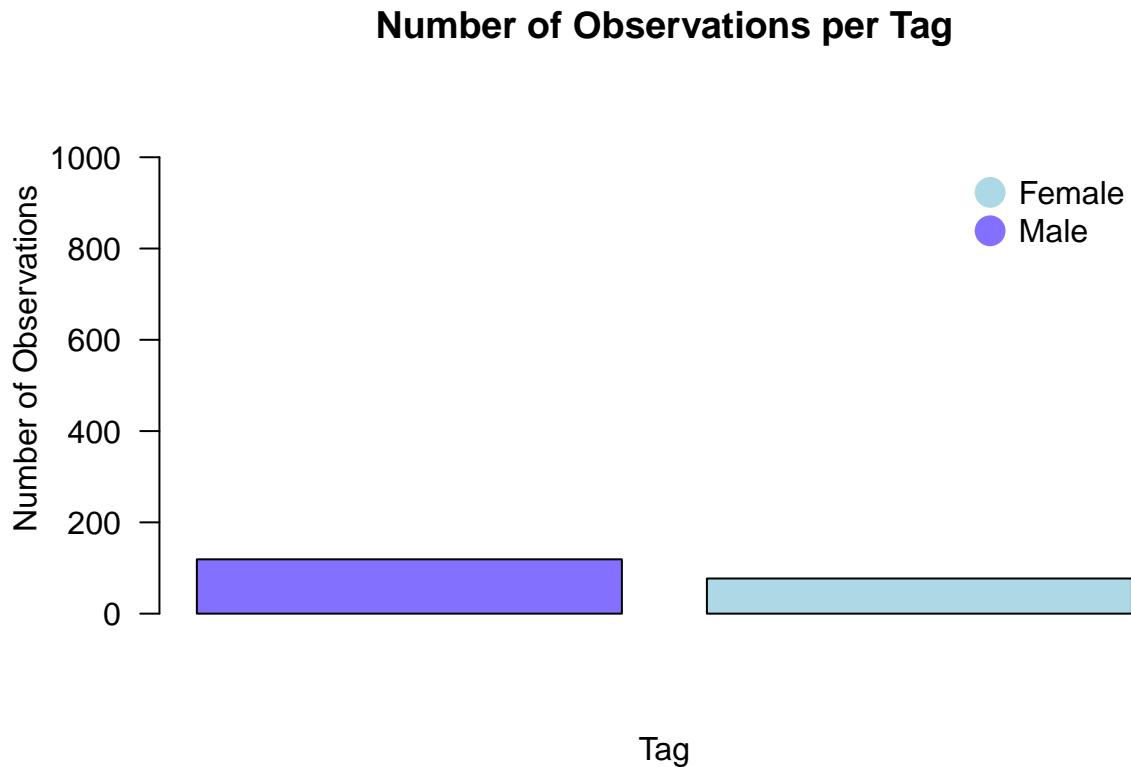
## Basic Summary of Each Animal

Graph for Rock crab



Total number of observations for Rock crab : 62958  
Total number of tags for Rock crab : 6

## Graph for Lobster

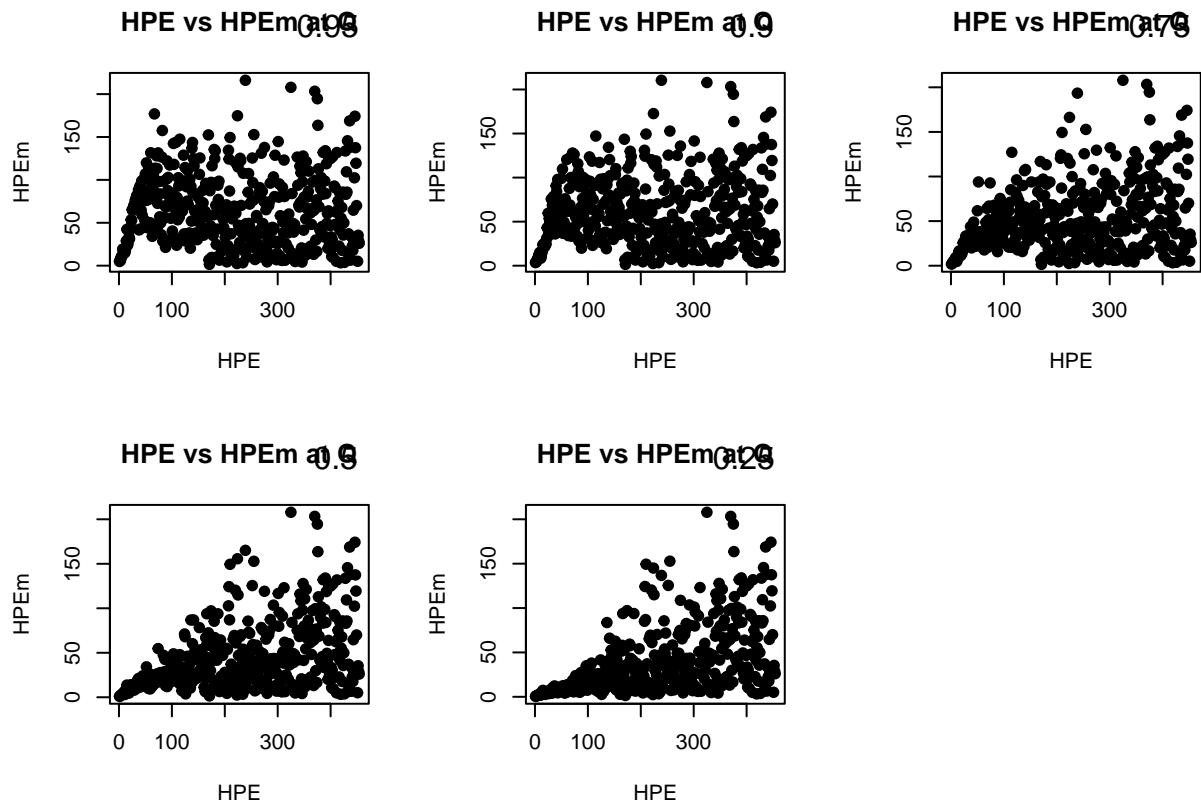


Total number of observations for Lobster : 196  
Total number of tags for Lobster : 2

## Understanding HPE Quantiles

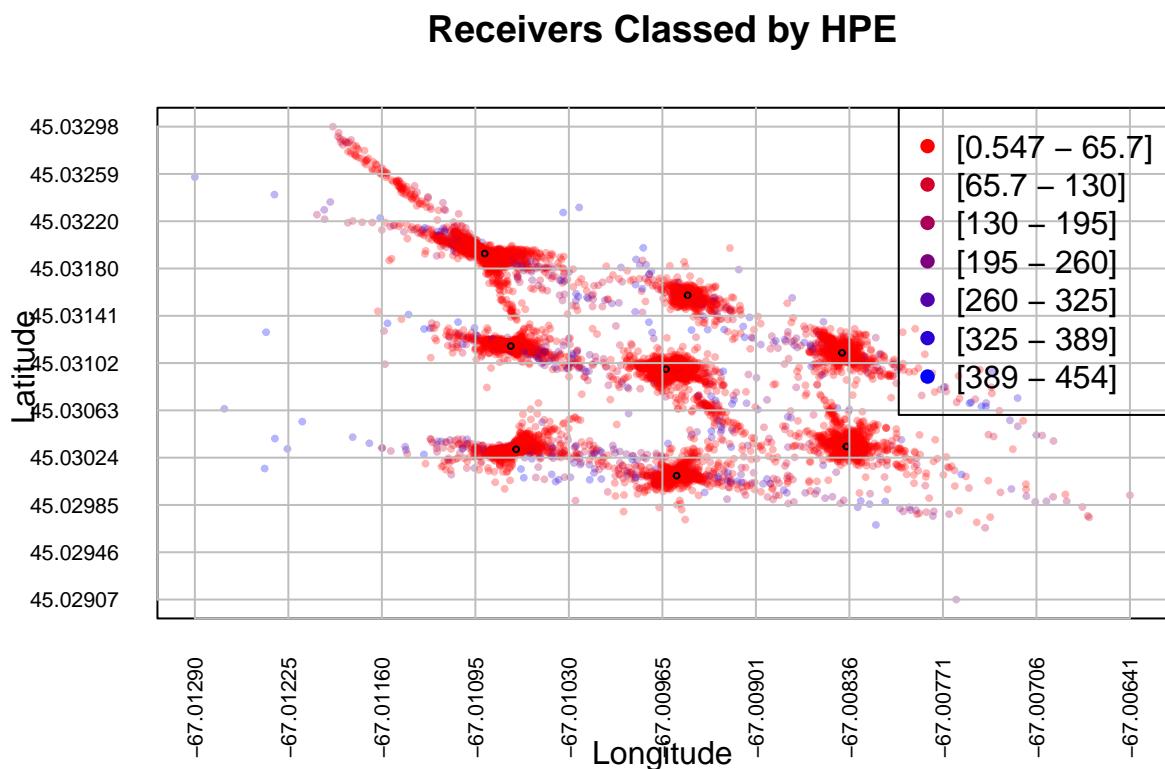
Given the percentages of data to keep (0.95, 0.9, 0.75, 0.5, and 0.25), below is graph of HPE vs HPEm at each quantile and the HPE value, in column 'x', to retain the given percentage of data.

	x
95%	24.7
90%	18.3
75%	11.6
50%	10.0
25%	9.3



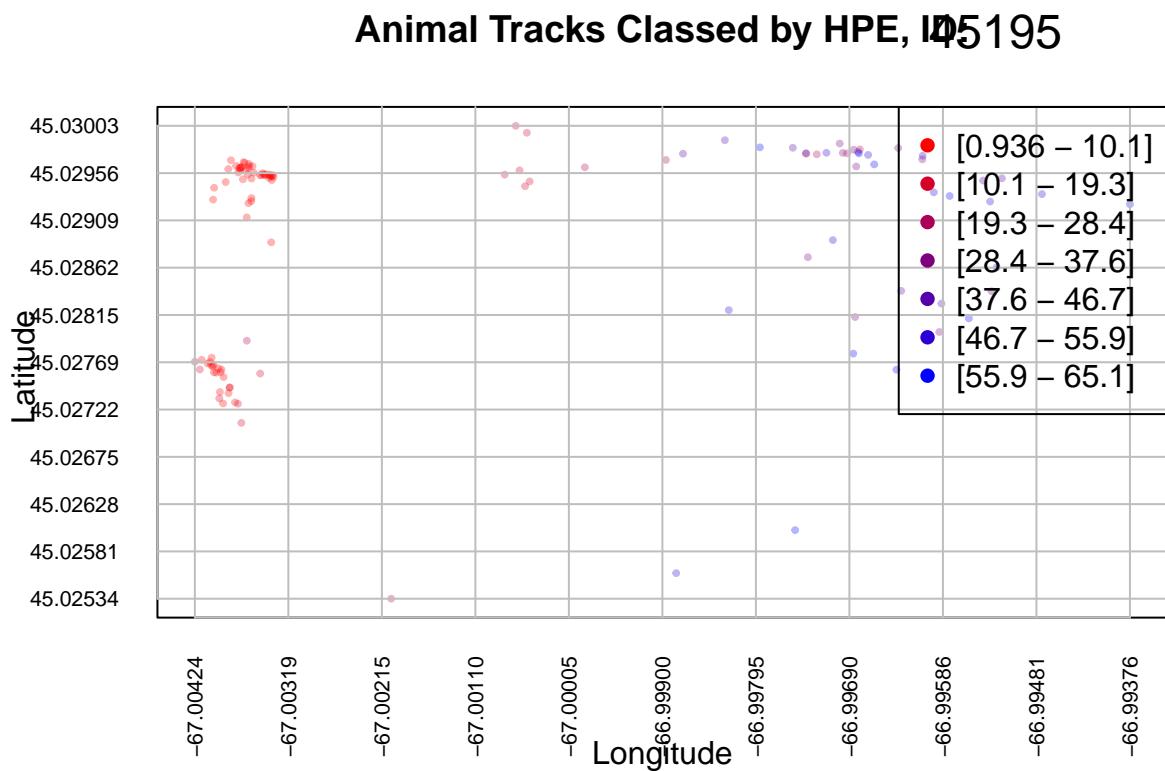
HPE	mean	maximum	minimum	standard deviation	standard error
24.7	10.995139	24.7	9	2.8438698	0.0112364
18.3	10.469031	18.3	9	1.7544877	0.0071205
11.6	9.835642	11.6	9	0.7220762	0.0031956
10.0	9.380106	10.0	9	0.2733125	0.0014805
9.3	9.181667	9.3	9	0.0981209	0.0007104

## Graph of Detections per Receiver (Sync Tags)



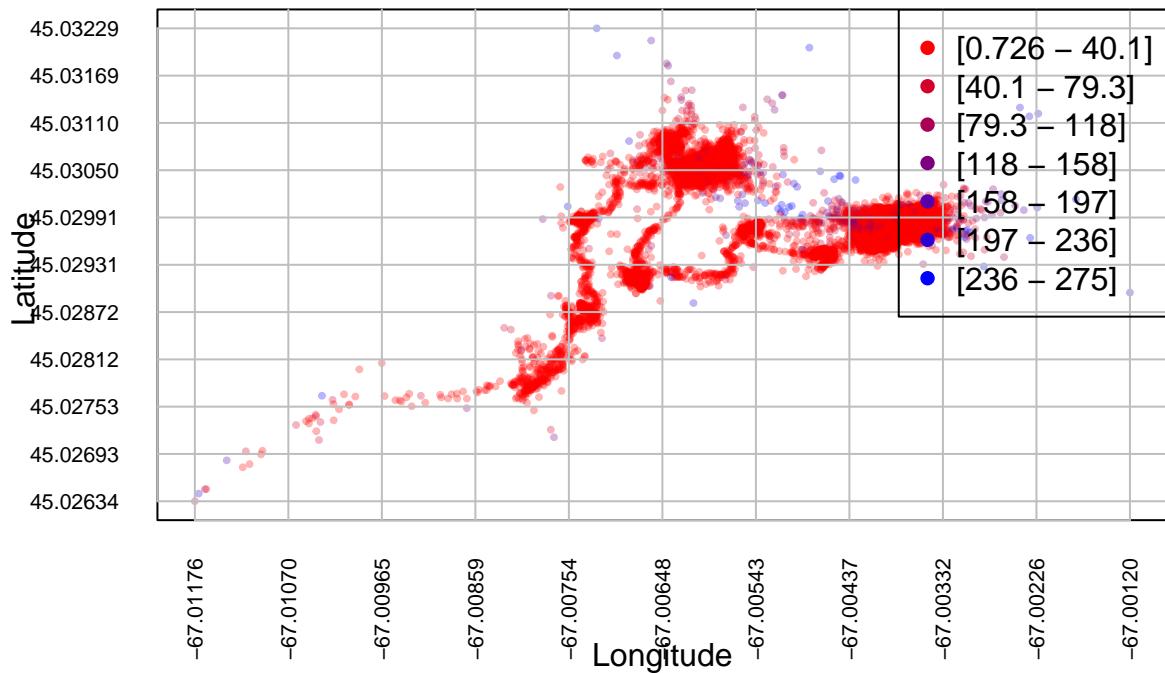
## Graphs of Animal Positions

Graph for 45195



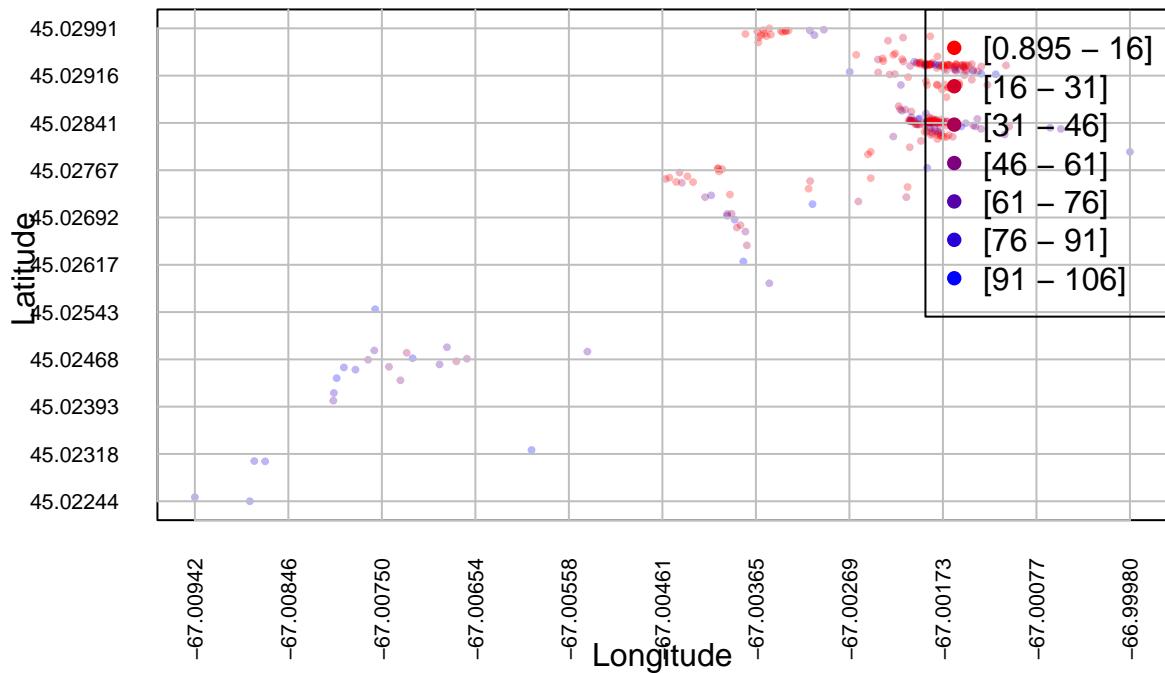
### Graph for 45198

## Animal Tracks Classed by HPE, ID 45198



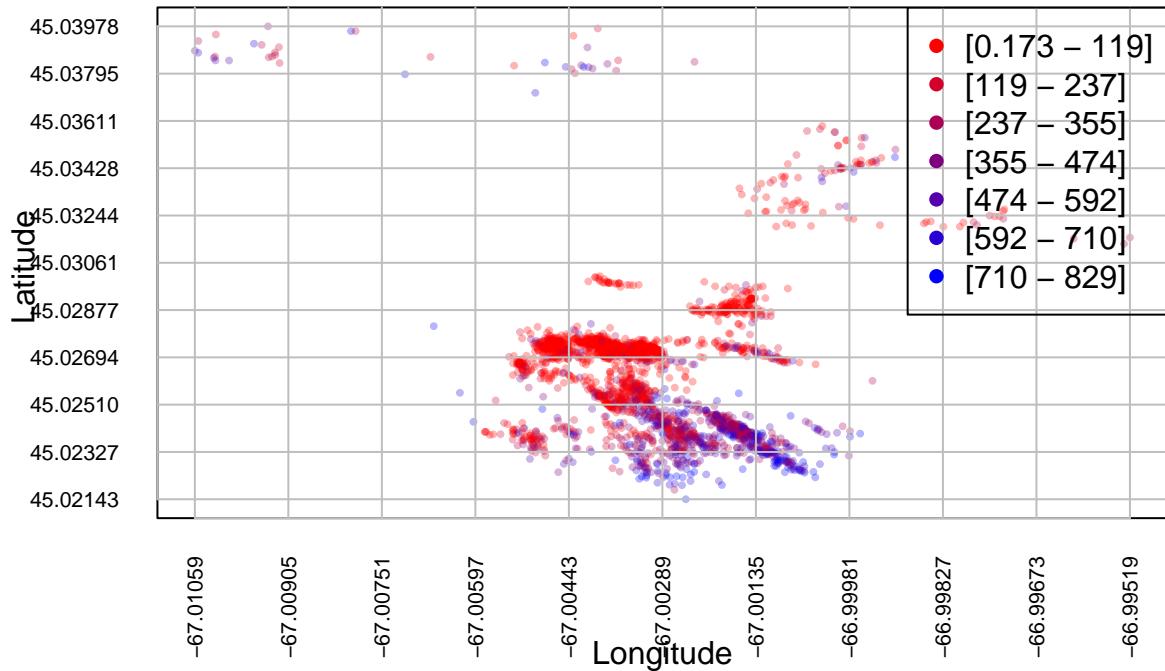
### Graph for 45199

## Animal Tracks Classed by HPE, ID 45199



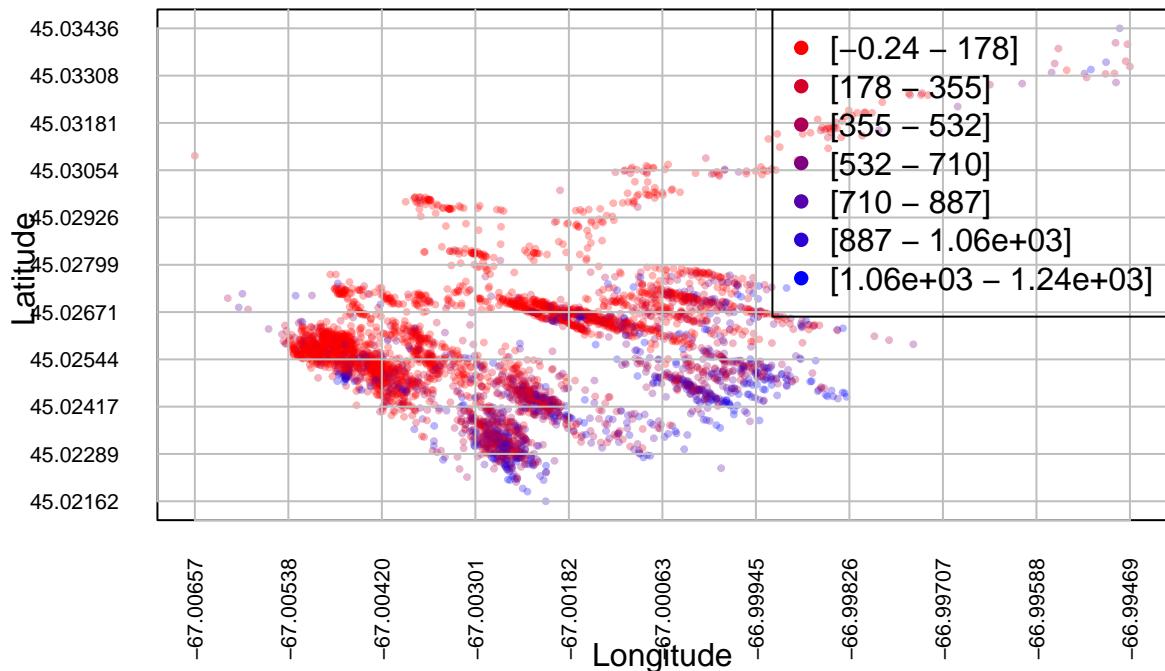
### Graph for 45197

## Animal Tracks Classed by HPE, ID 45197



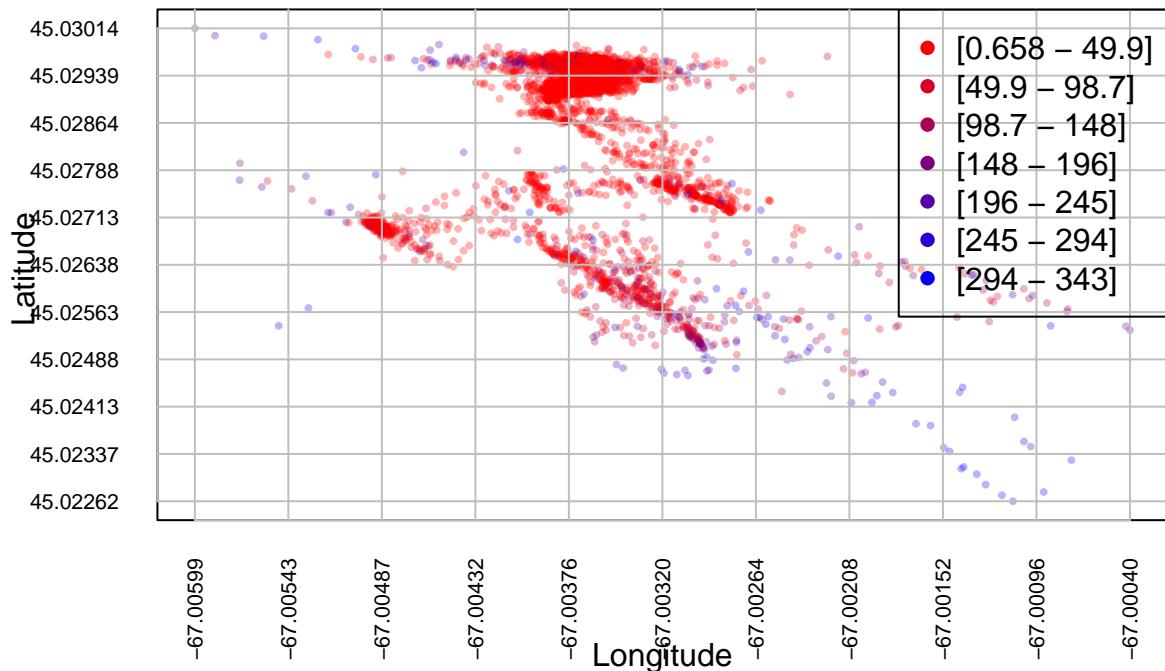
### Graph for 45196

## Animal Tracks Classed by HPE, ID 45196



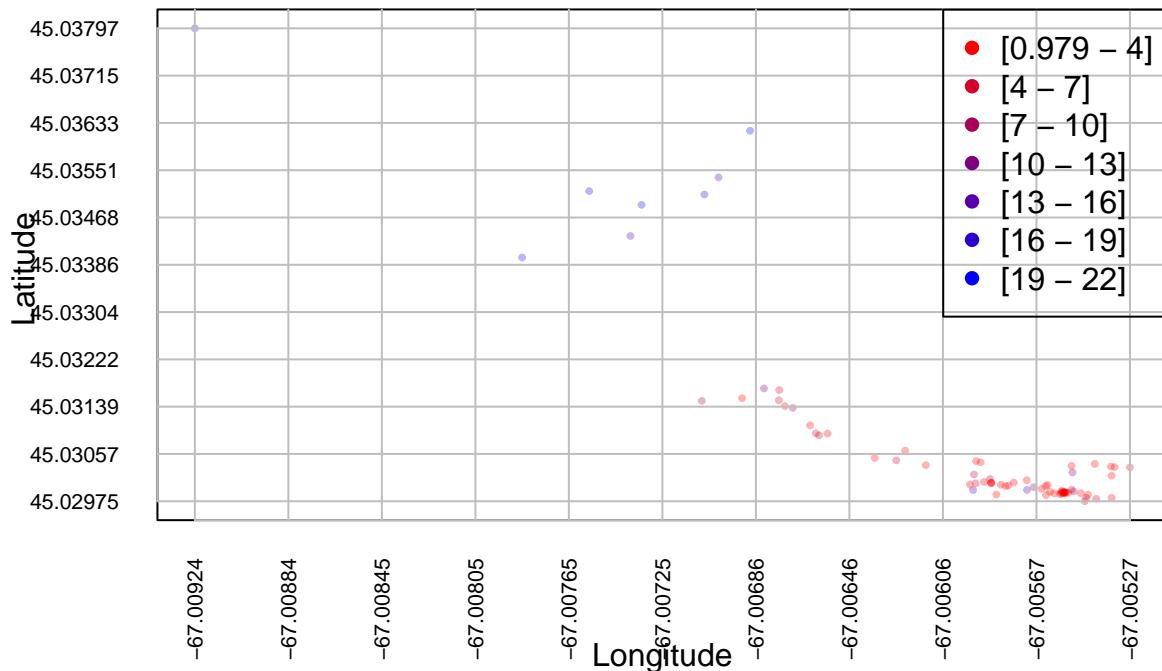
### Graph for 45200

## Animal Tracks Classed by HPE, ID 45200



### Graph for 45202

## Animal Tracks Classed by HPE, ID 45202



### Graph for 45203

## Animal Tracks Classed by HPE, ID 5203

