## rmarkdown whiteboard

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Category	Variable	Definition
Port Use	Ports per Trip Ports per Month Port Diversity Total Ports*	Average ports visited per trip Number of ports visited per month Inverse Simpson diversity index of port use across the entire season Total number of ports visited across the entire season
Trip Length	Mean Trip Distance* Mean Trip Duration SD Trip Distance* SD Trip Duration	Mean distance per fishing trip Mean number of days per fishing trip Standard deviation of distance traveled per trip Standard deviation of days per fishing trip
Participation in Other Fisheries	Season Length Proportion Non-Dungeness Revenue Proportion Non-Dungeness Tickets* Revenue Diversity	Day-of-season on which fisher reached 90% of eventual, cumulative catch Proportion of revenue from non-Dungeness crab fisheries Proportion of all fish tickets from non-Dungeness crab fisheries Inverse Simpson diversity index of revenue by fished species
Risk-Taking	Risk Taking	Propensity to fish in high winds. Proportion of trip pursued where the 95% quantile of wind speed was greater than 7.5 m/s
Exploration & Mobility	Location Entropy  Home Range Size	Cumulative choice entropy, measuring how likely a vessel is to fish in new versus past locations. The metric used is the 90th percentile of maximum choice entropy per vessel per season  Home range defined as the area of the convex hull surrounding all of a vessel's VMS pings during the season, excluding the top 5% spatial outliers
Vessel Size	Vessel Length in Feet	Registered length of the fishing vessel

Table 1: Fisher behavioral and demographic variables derived and used in the clustering and random forest analyses. Variables with asterisks were removed from the final clustering analysis due to high collinearity with other variables.