

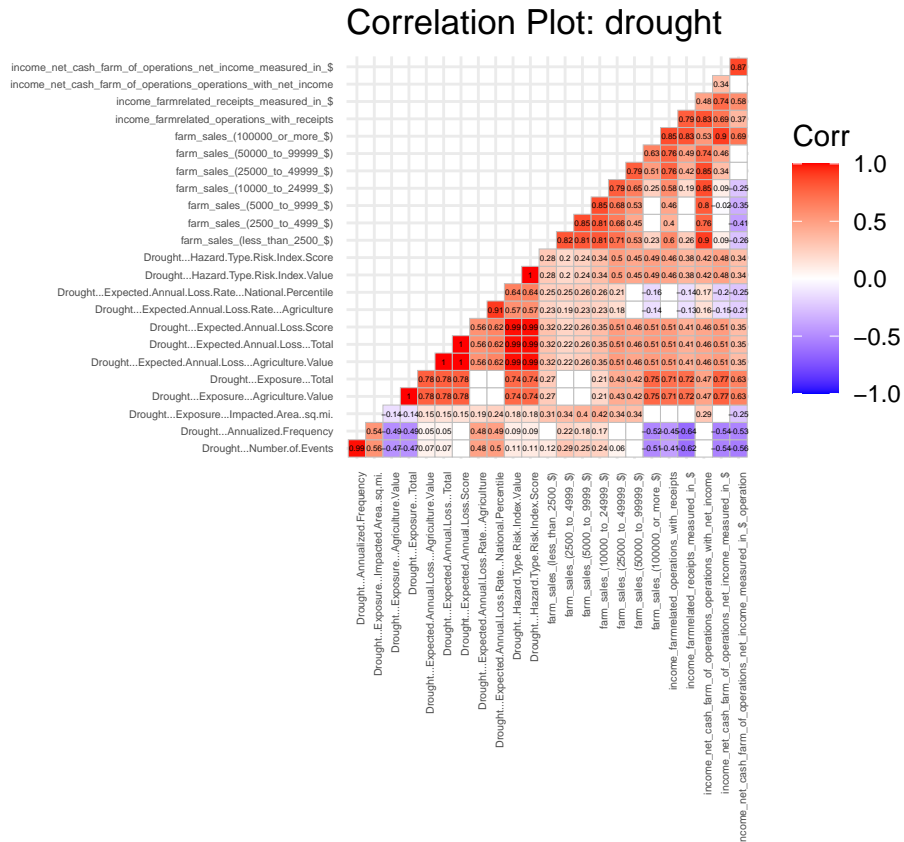
Economic Output and Risk Factors

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What is the relationship between health risk concentrations and economic output?

Calculate correlations between environmental exposures and farm sales (and/or other econ. variables) to understand economic linkages. A p-value of 0 reflects that it is statistically impossible to reach these results under a true null hypothesis.

Below are a series of correlation plots between variables of economic output and different weather and natural disaster predictors.

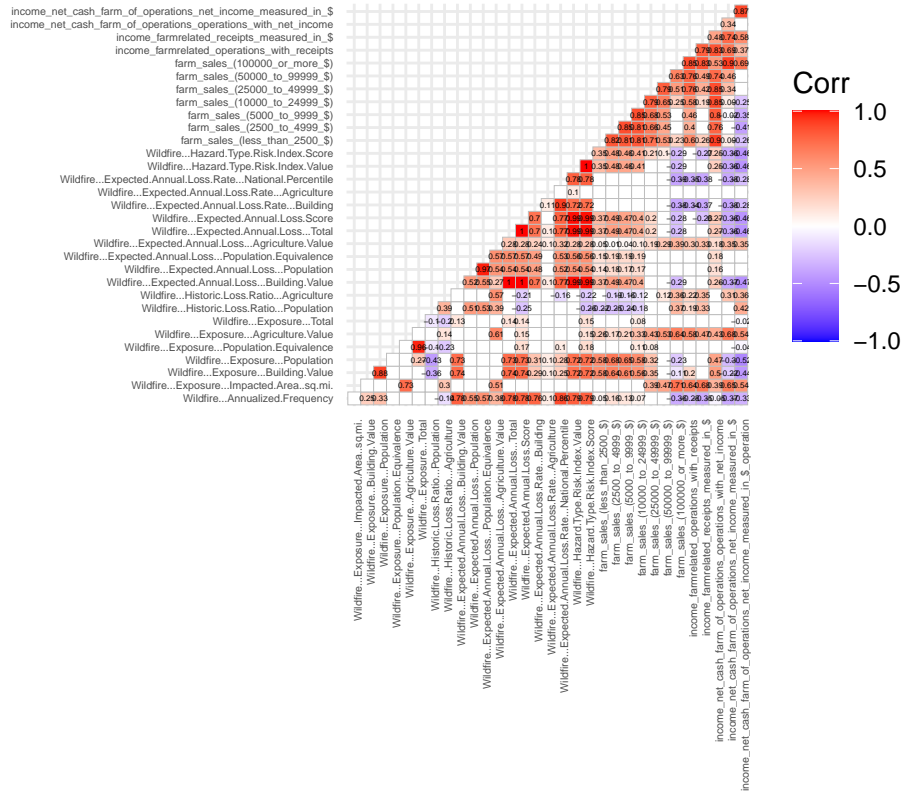


Corr

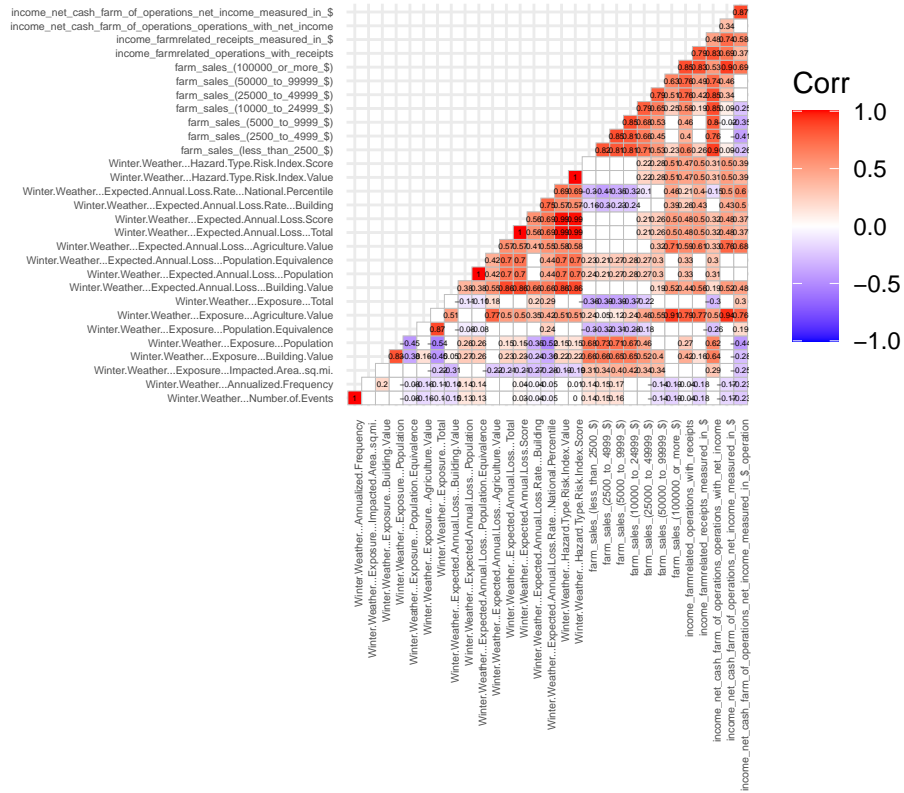
1.0
0.5
0.0
-0.5
-1.0

Heat.Wave...Annualized Frequency
Heat.Wave...Exposure...Impacted Area, sq.m
Heat.Wave...Exposure...Building Value
Heat.Wave...Exposure...Population
Heat.Wave...Exposure...Population Equivalence
Heat.Wave...Exposure...Agriculture Value
Heat.Wave...Exposure...Total
Heat.Wave...Expected Annual Loss...Building Value
Heat.Wave...Expected Annual Loss...Population
Heat.Wave...Expected Annual Loss...Population Equivalence
Heat.Wave...Expected Annual Loss...Agriculture Value
Heat.Wave...Expected Annual Loss...Total
Heat.Wave...Expected Annual Loss...Score
Heat.Wave...Expected Annual Loss Rate...National Percentile
Heat.Wave...Hazard Type Risk Index Value
farm_sales (less, than, 2500, \$)
farm_sales (2500, to 4999, \$)
farm_sales (5000, to 9999, \$)
farm_sales (10000, to 24999, \$)
farm_sales (25000, to 39999, \$)
farm_sales (40000, or more, \$)
income_farmed_operations_will_receive
income_net_cash_farm_of_operations_measured_in_\$
income_net_cash_farm_of_operations_measured_in_\$_operation

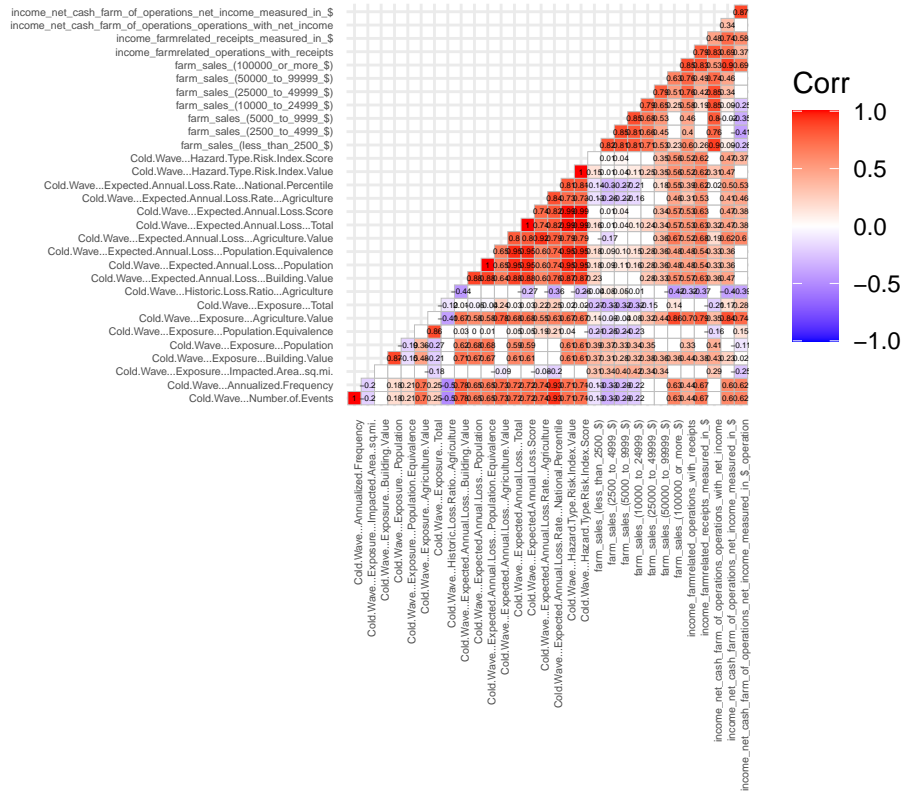
Correlation Plot: wildfire



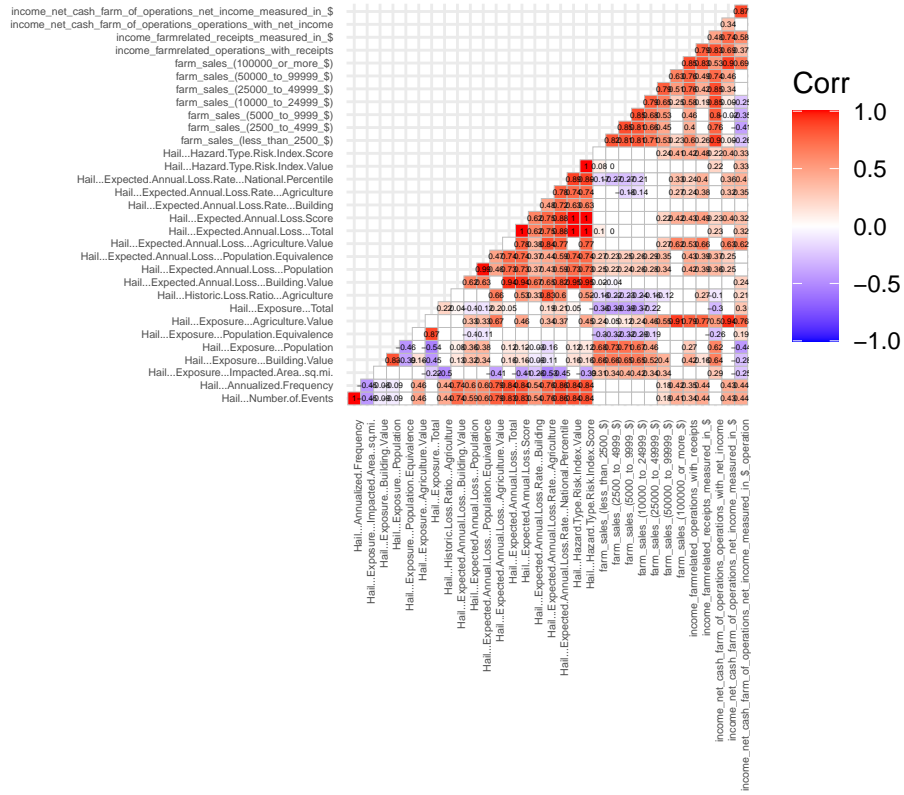
Correlation Plot: winter.weather



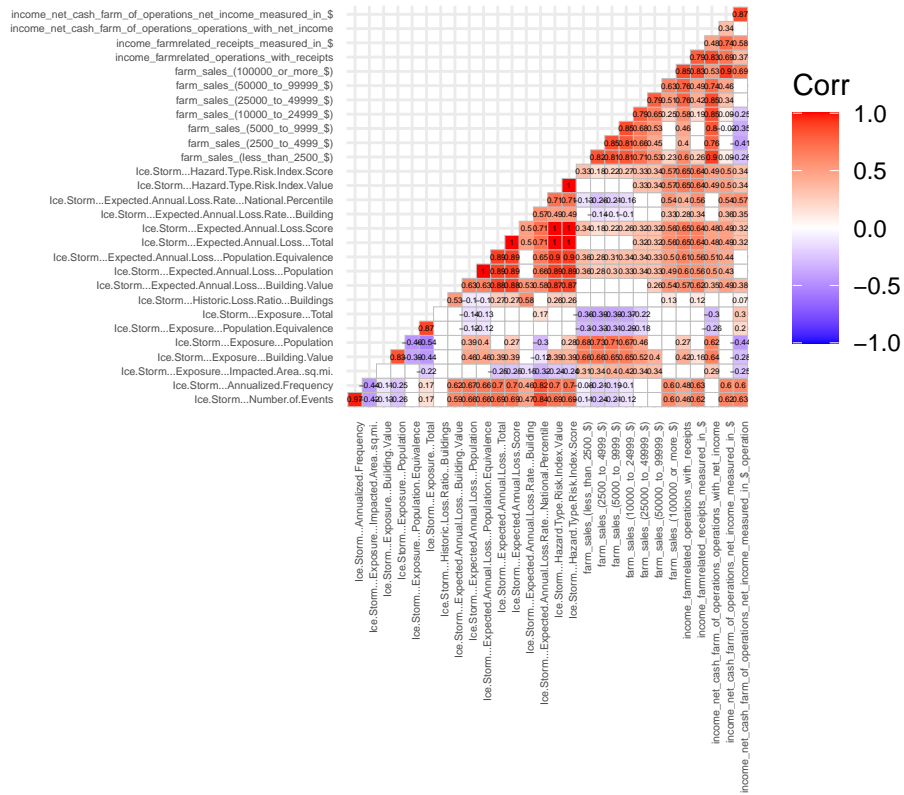
Correlation Plot: Cold.Wave



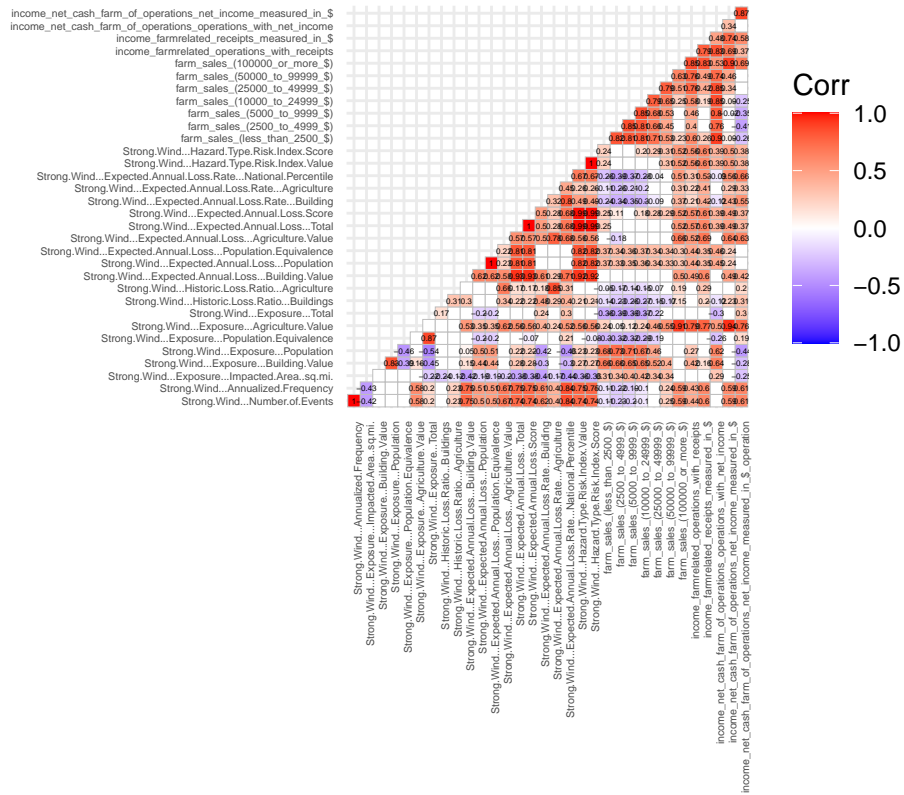
Correlation Plot: hail



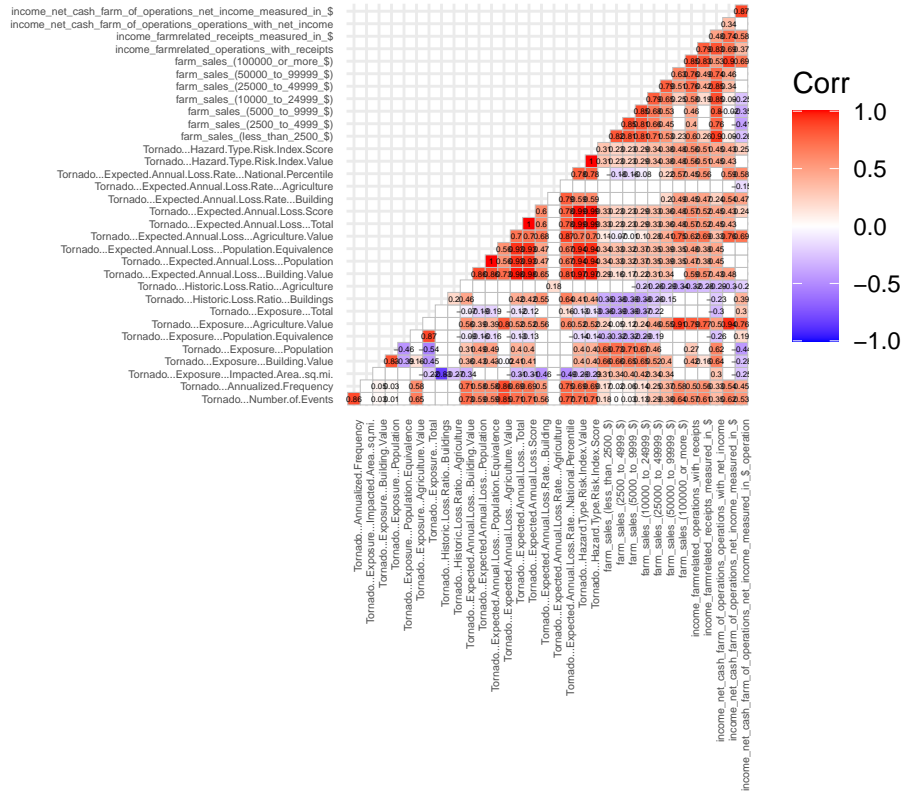
Correlation Plot: ice.storm



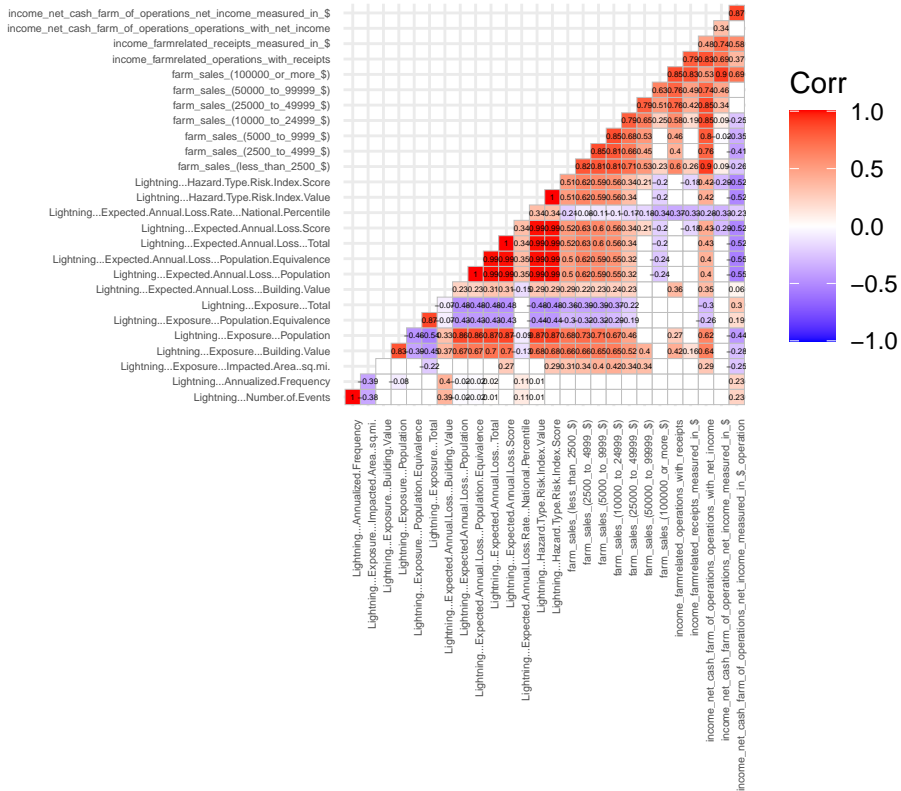
Correlation Plot: strong.wind



Correlation Plot: tornado



Correlation Plot: lightning



Correlation Plot: avalanche

