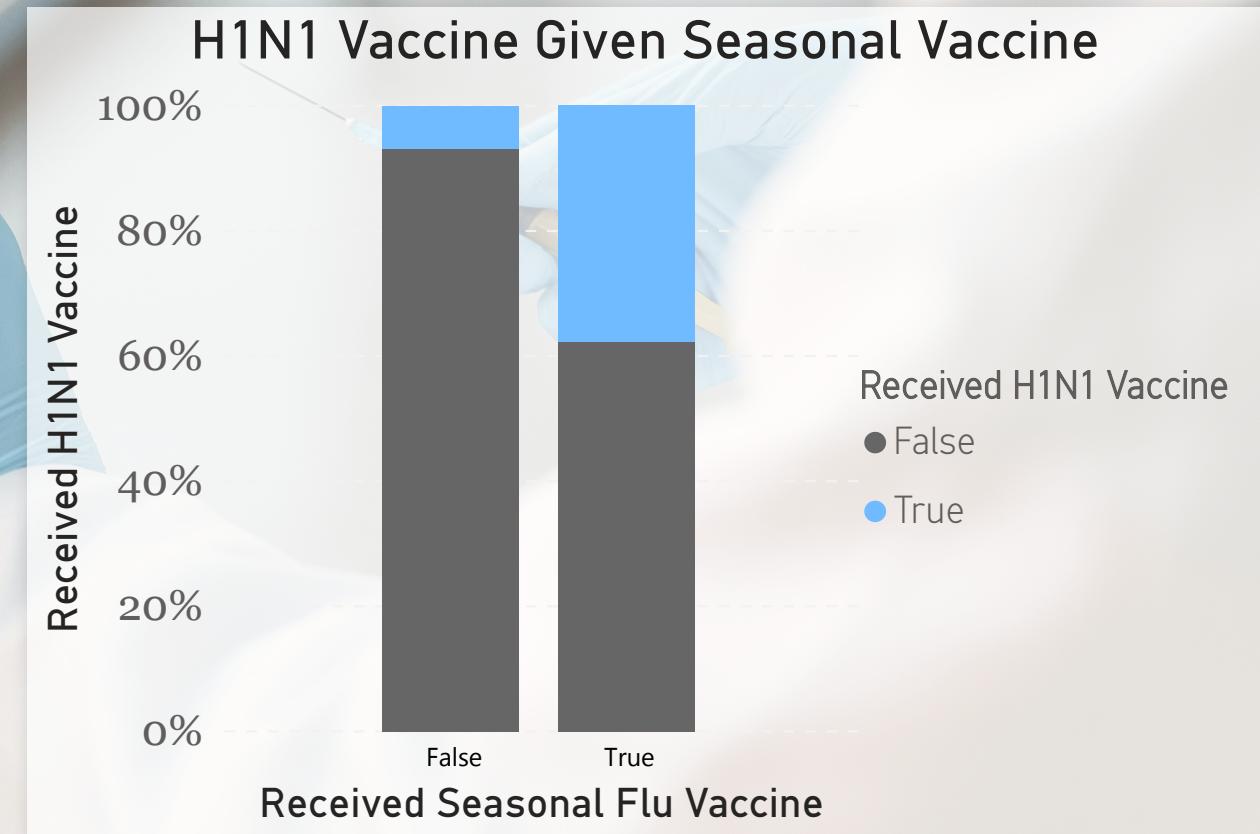
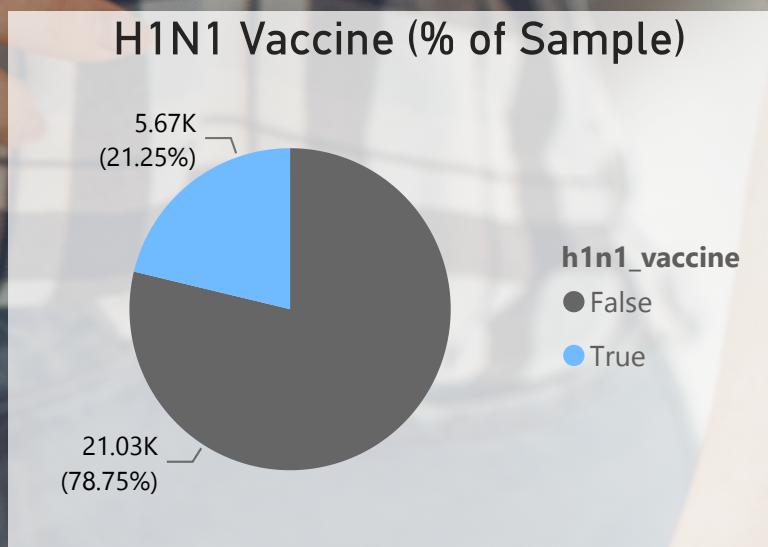
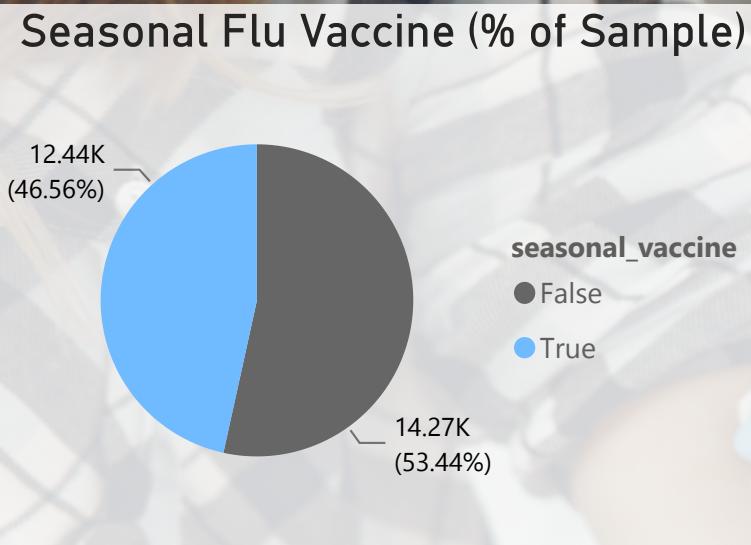
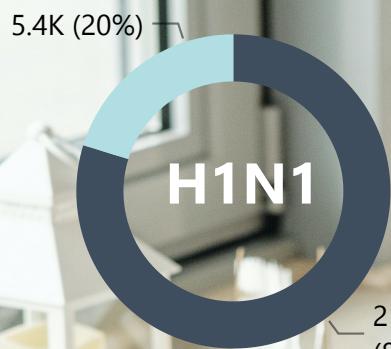
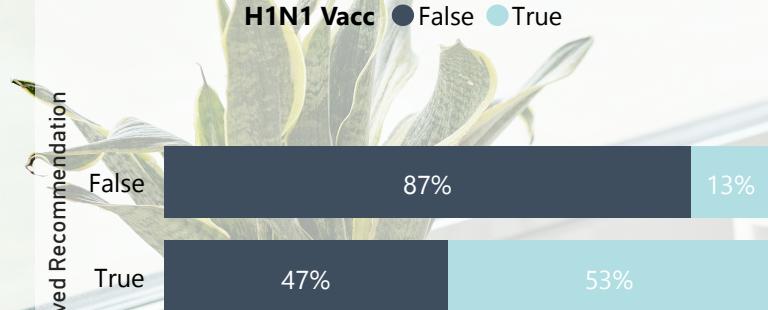


# *Predicting Vaccinations Using H1N1 and Seasonal Flu Data*

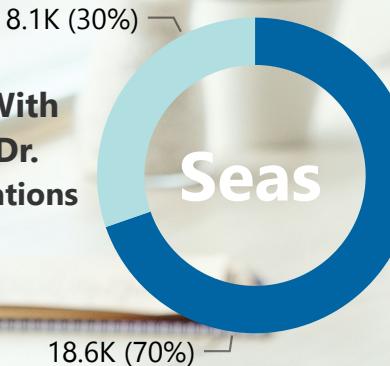


*The goal of this analysis is to determine which factors play the biggest role in predicting whether someone will choose to get a vaccine. The hope is these factors will provide insight into future efforts to deploy a Covid-19 vaccine.*

### % Sample Who Received H1N1 Vaccine With vs Without Dr Recommendation

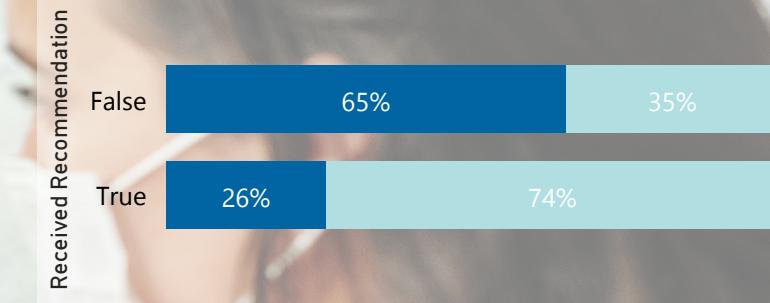


% Sample With Reported Dr. Recommendations



### % Sample Who Received Seasonal Flu Vaccine With vs Without Dr. Recommendation

Seas Vacc ● False ● True



### Opinion on H1N1 Risk With vs Without Dr. Recommendation

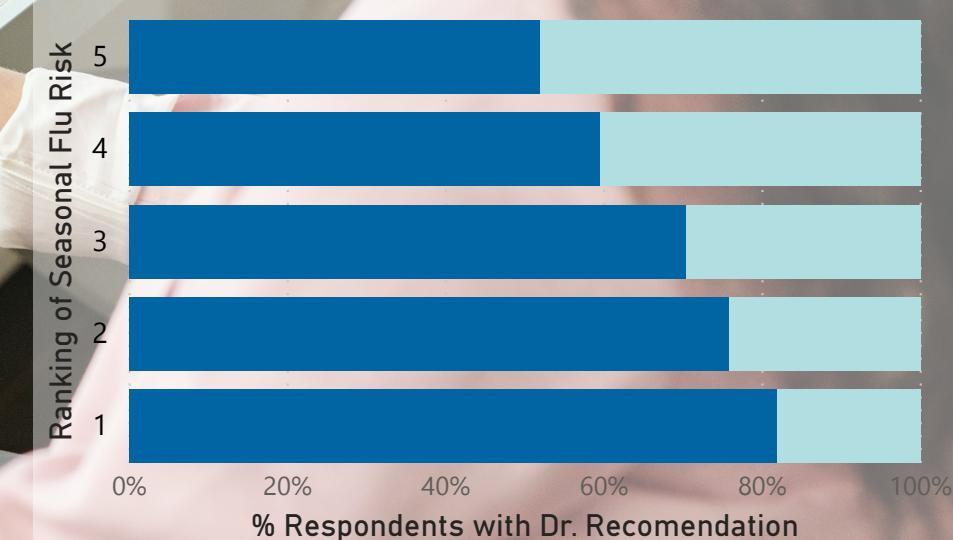
Dr. Recc ● False ● True



**Doctor recommendation is a key factor in predicting both H1N1 and seasonal flu vaccines.**

### Opinion on Seasonal Flu Risk With vs Without Dr. Recomendation

Dr. Recc ● False ● True



# H1N1 Vaccine Factor Influence

# Seasonal Flu Vacc Factor Influence

## Key influencers Top segments

What influences h1n1\_vaccine to be True

When...  
seasonal\_vaccine is True  
....the likelihood of h1n1\_vaccine being True increases by

doctor\_recc\_h1n1 is True

doctor\_recc\_seasonal is True

opinion\_seas\_vacc\_effective is more than 4

opinion\_h1n1\_vacc\_effective goes up 0.99

opinion\_h1n1\_risk goes up 1.27

h1n1\_concern is more than 2

5.46x

4.14x

2.26x

2.01x

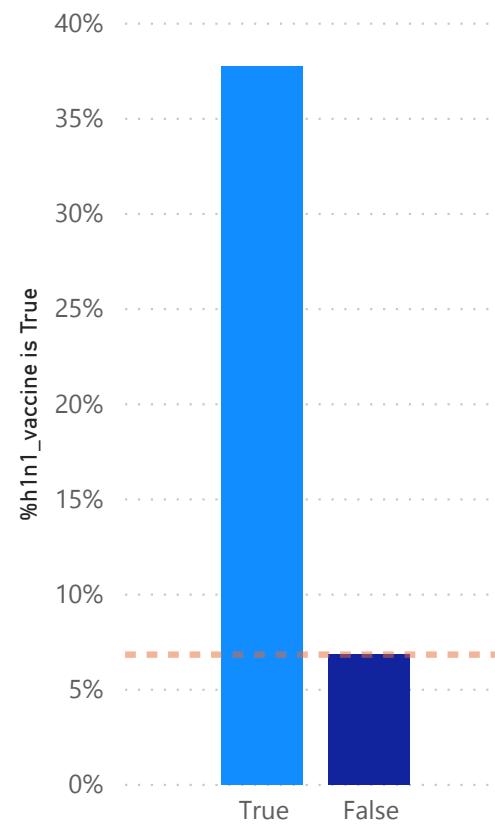
1.92x

1.70x

1.54x



← h1n1\_vaccine is more likely to be True when seasonal\_vaccine is True than otherwise (on average).



## Key influencers Top segments

What influences seasonal\_vaccine to be True

When...  
opinion\_seas\_risk goes up  
....the likelihood of seasonal\_vaccine being True increases by

doctor\_recc\_seasonal is True

opinion\_seas\_vacc\_effective goes up 1.08

age\_group is more than 4

doctor\_recc\_h1n1 is True

opinion\_seas\_sick\_from\_va... is 1 or less

education is more than 3

2.19x

2.10x

1.90x

1.75x

1.57x

1.19x

1.12x

← On average when opinion\_seas\_risk increases, the likelihood of seasonal\_vaccine being True increases.

