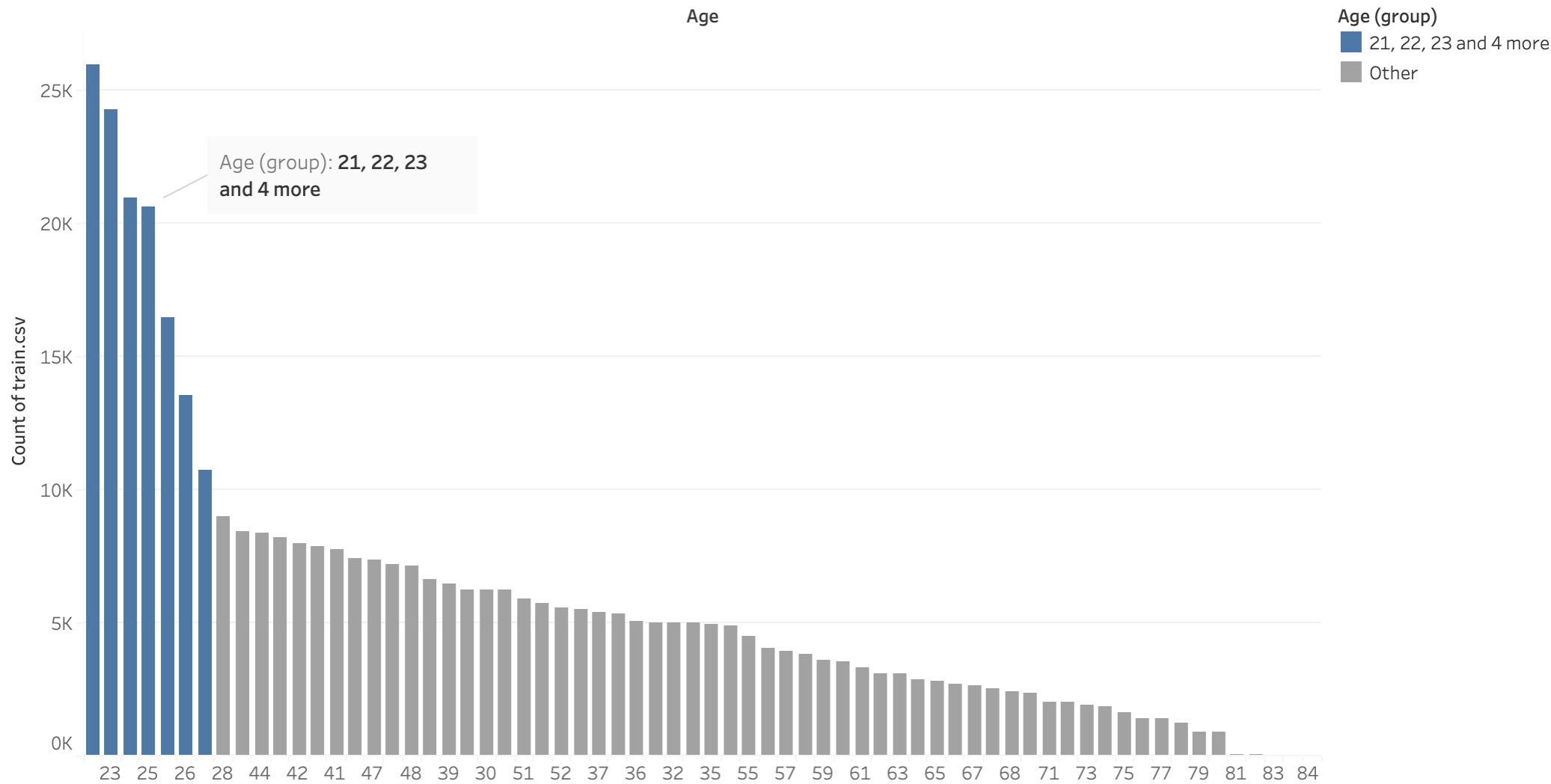


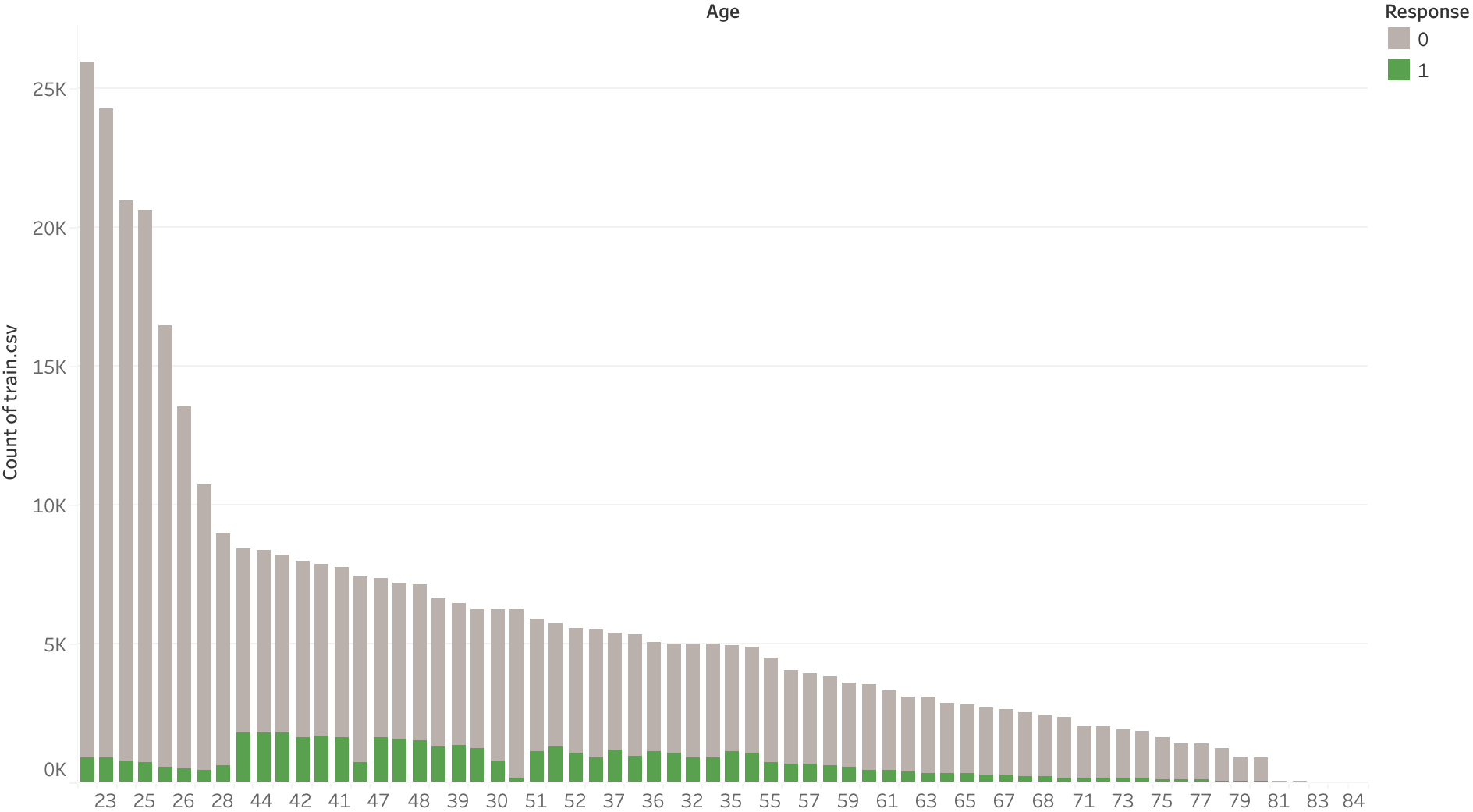
EDA Visualization for Cross-Market Project

Most of our clients are young people.



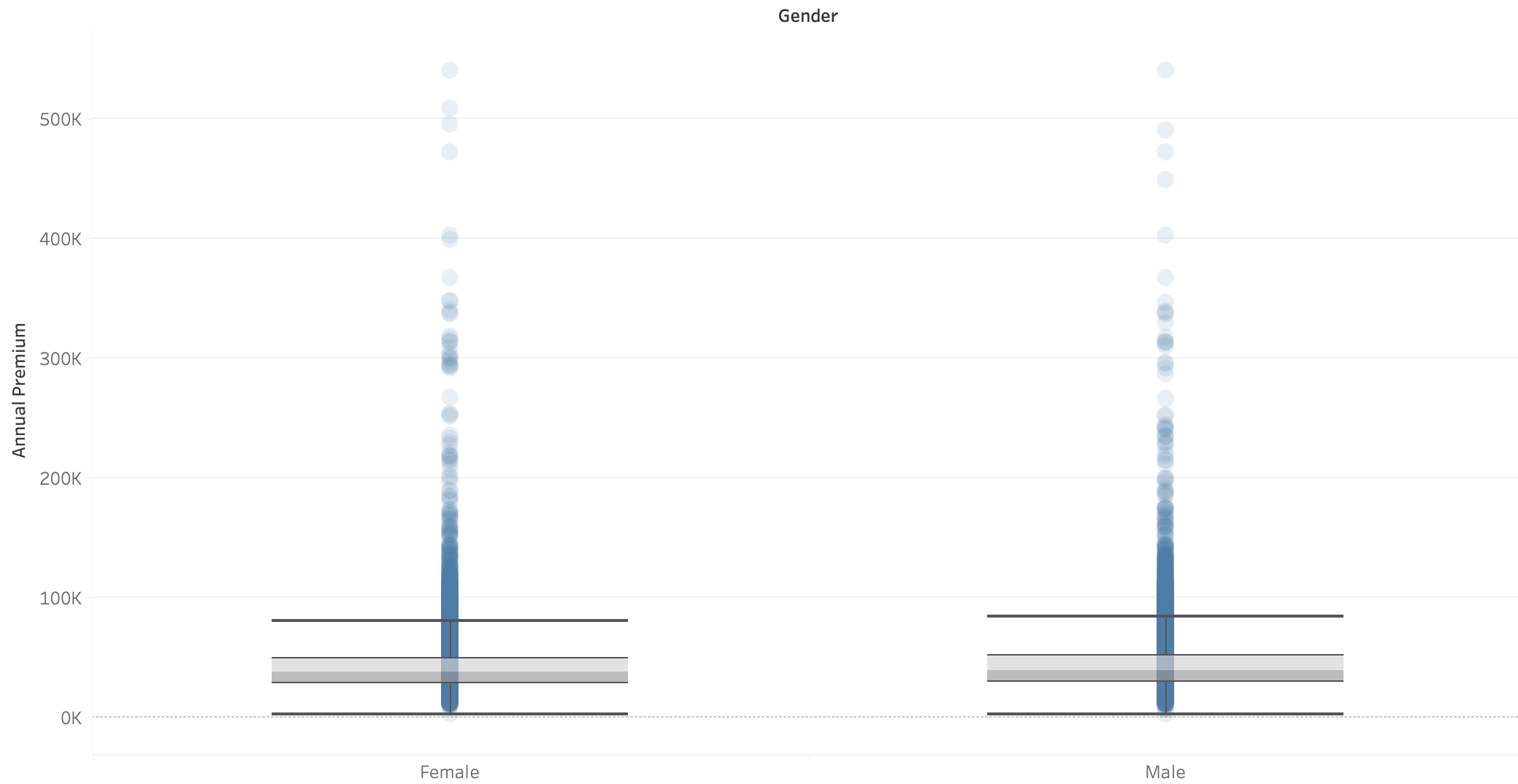
Count of train.csv for each Age. Color shows details about Age (group).

However, the fraction of positive responses for younger people is less compared to other age groups



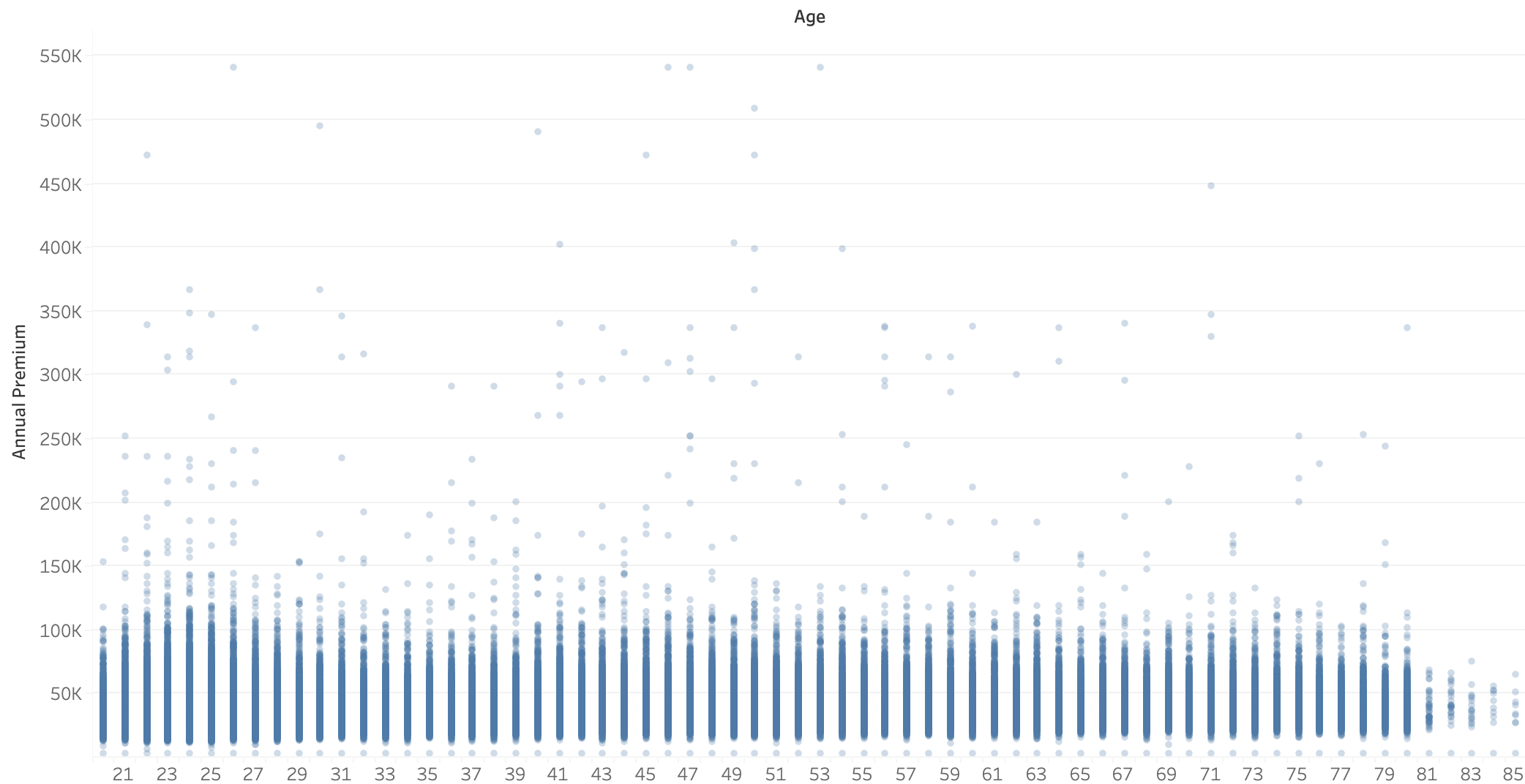
Count of train.csv for each Age. Color shows details about Response.

We got premium outliers

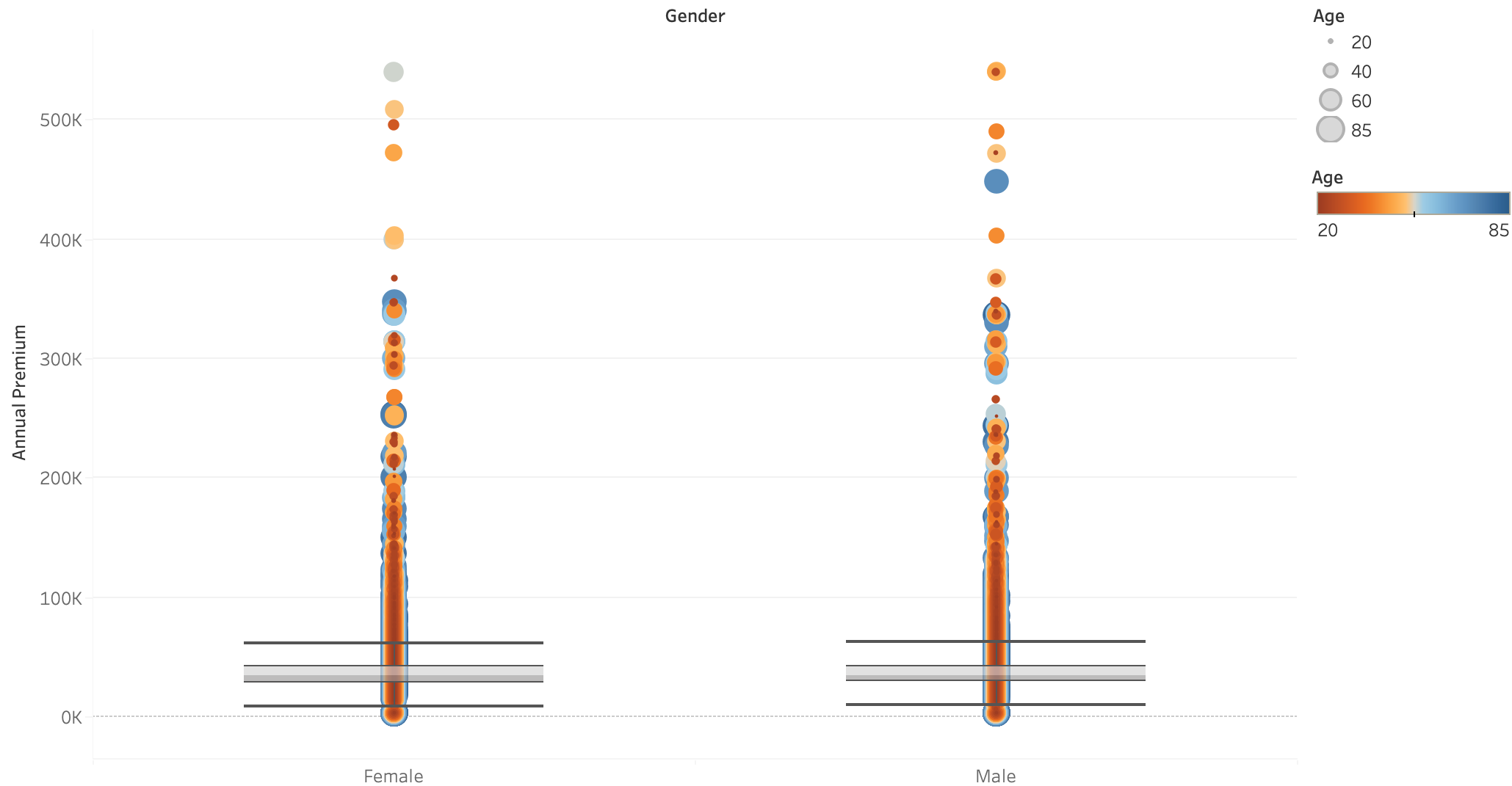


Annual Premium for each Gender.

There is no abnormal distribution among ages(we can't explain premium outliers).

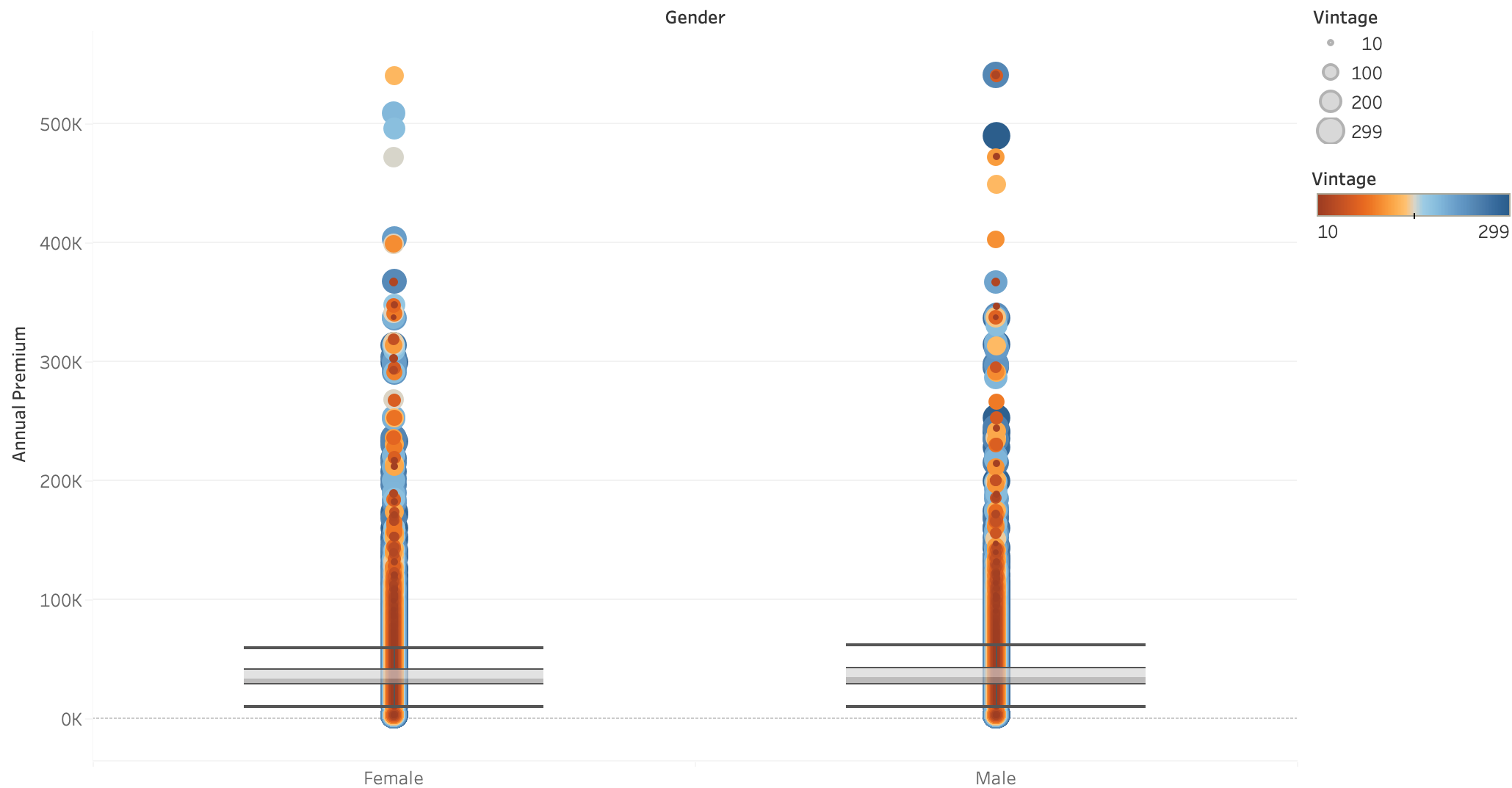


There is no relation between premium outliers and age (we can't explain premium outliers)



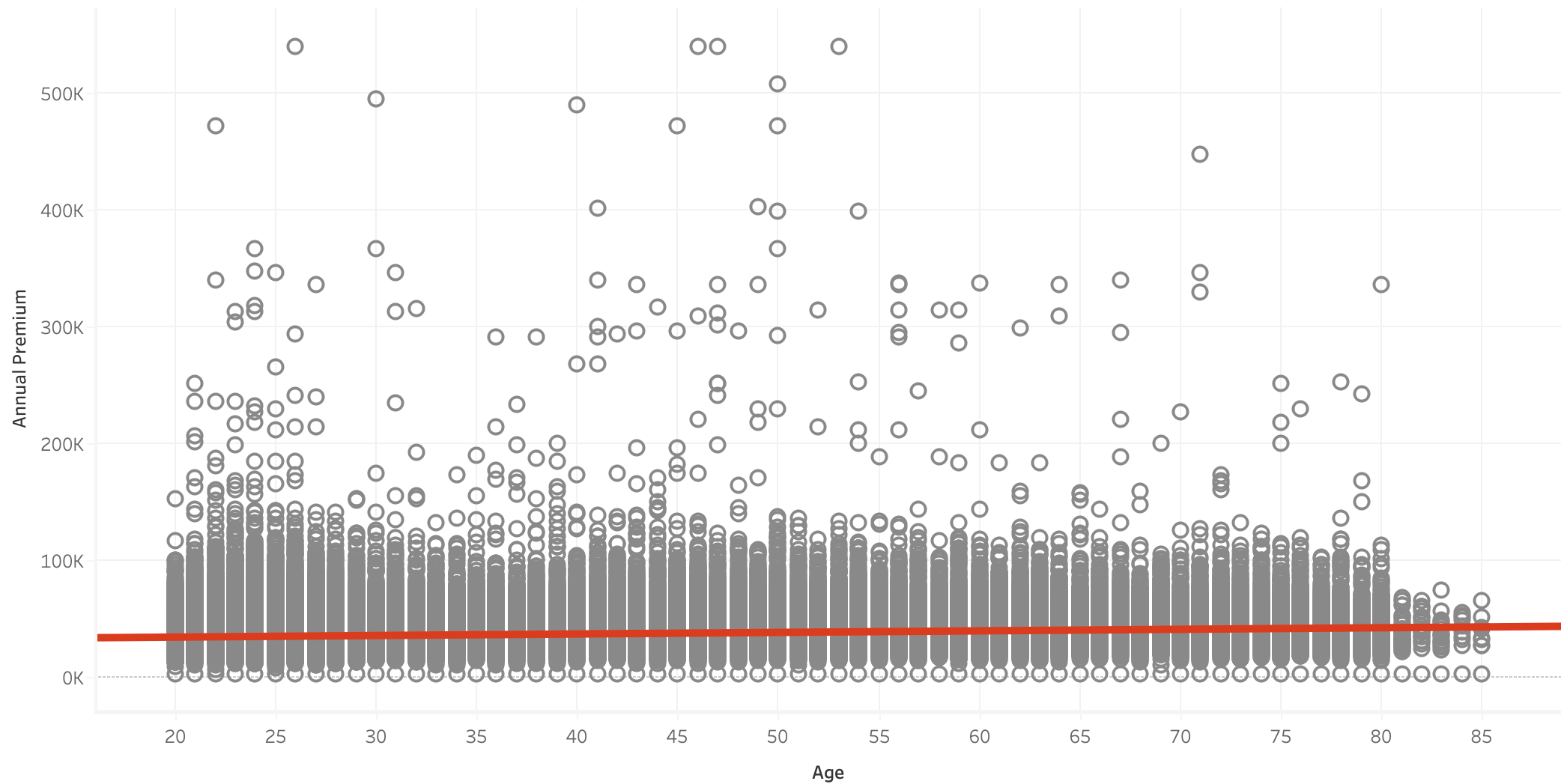
Annual Premium for each Gender. Color shows details about Age. Size shows details about Age.

There is no relation between premium outliers and premium (we can't explain premium outliers)



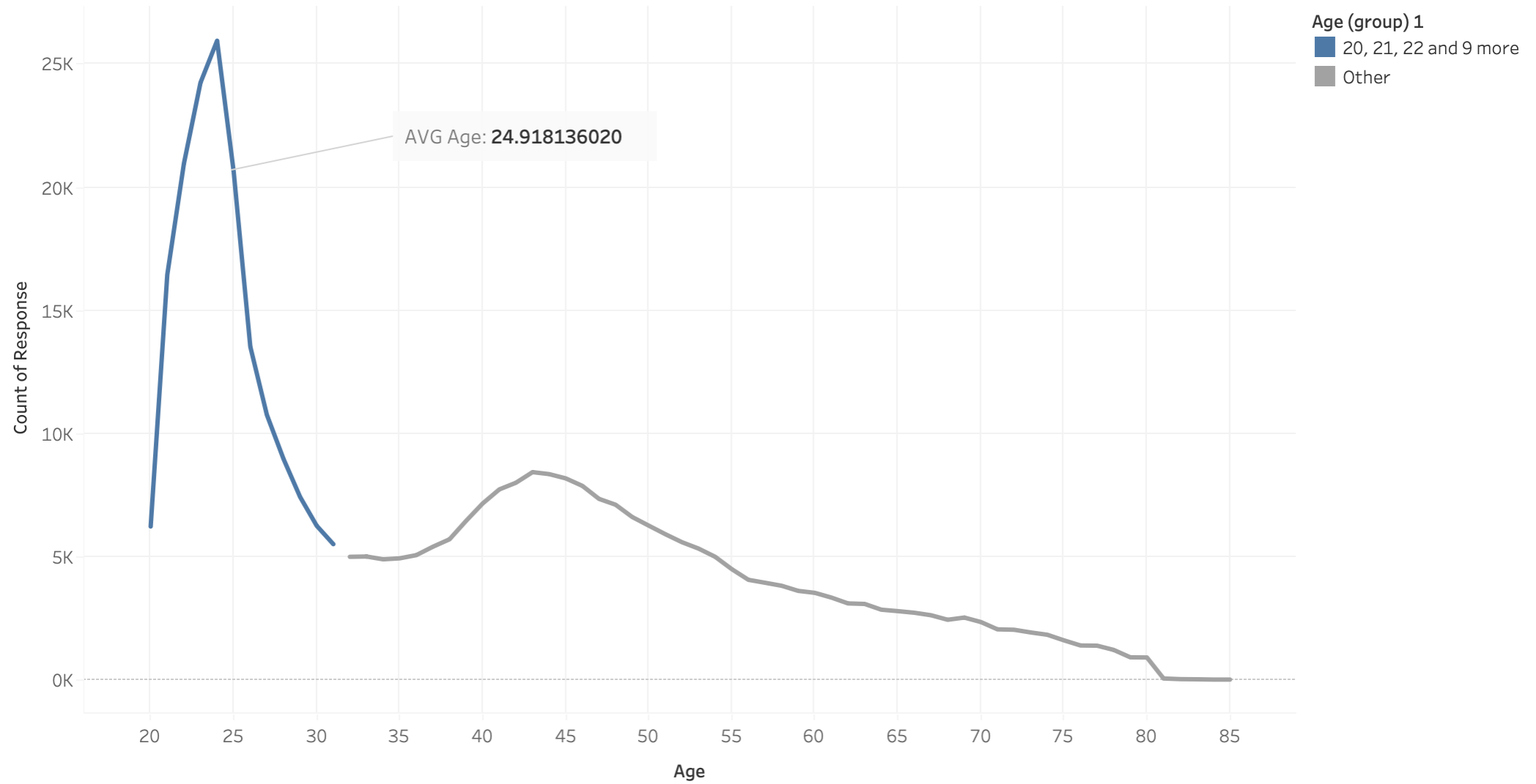
Annual Premium for each Gender. Color shows details about Vintage. Size shows details about Vintage.

There is no linear correlation between age and Premium (No reason to get rid of premium outliers)



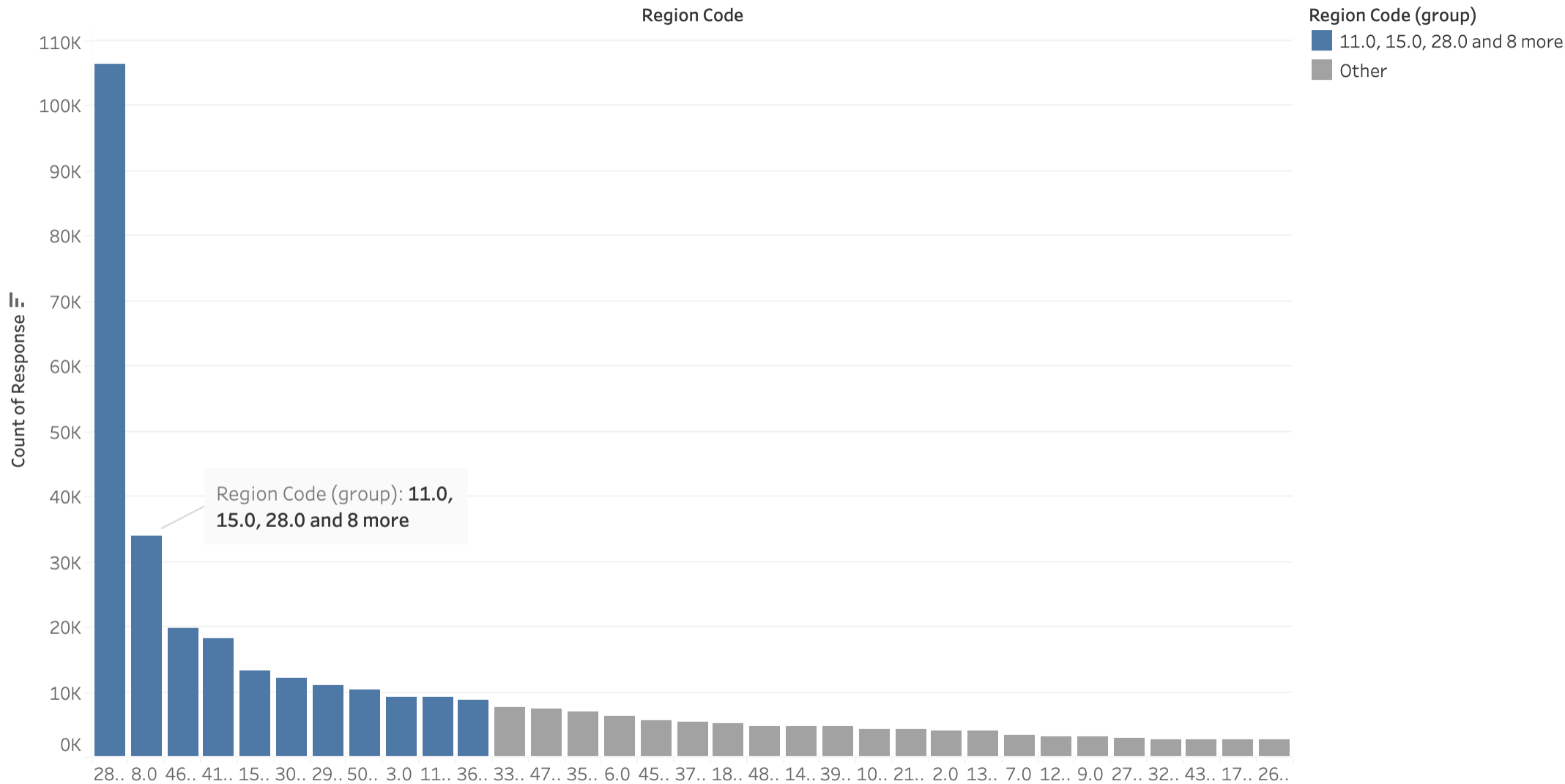
Age vs. Annual Premium.

Number of positive responses VS ages



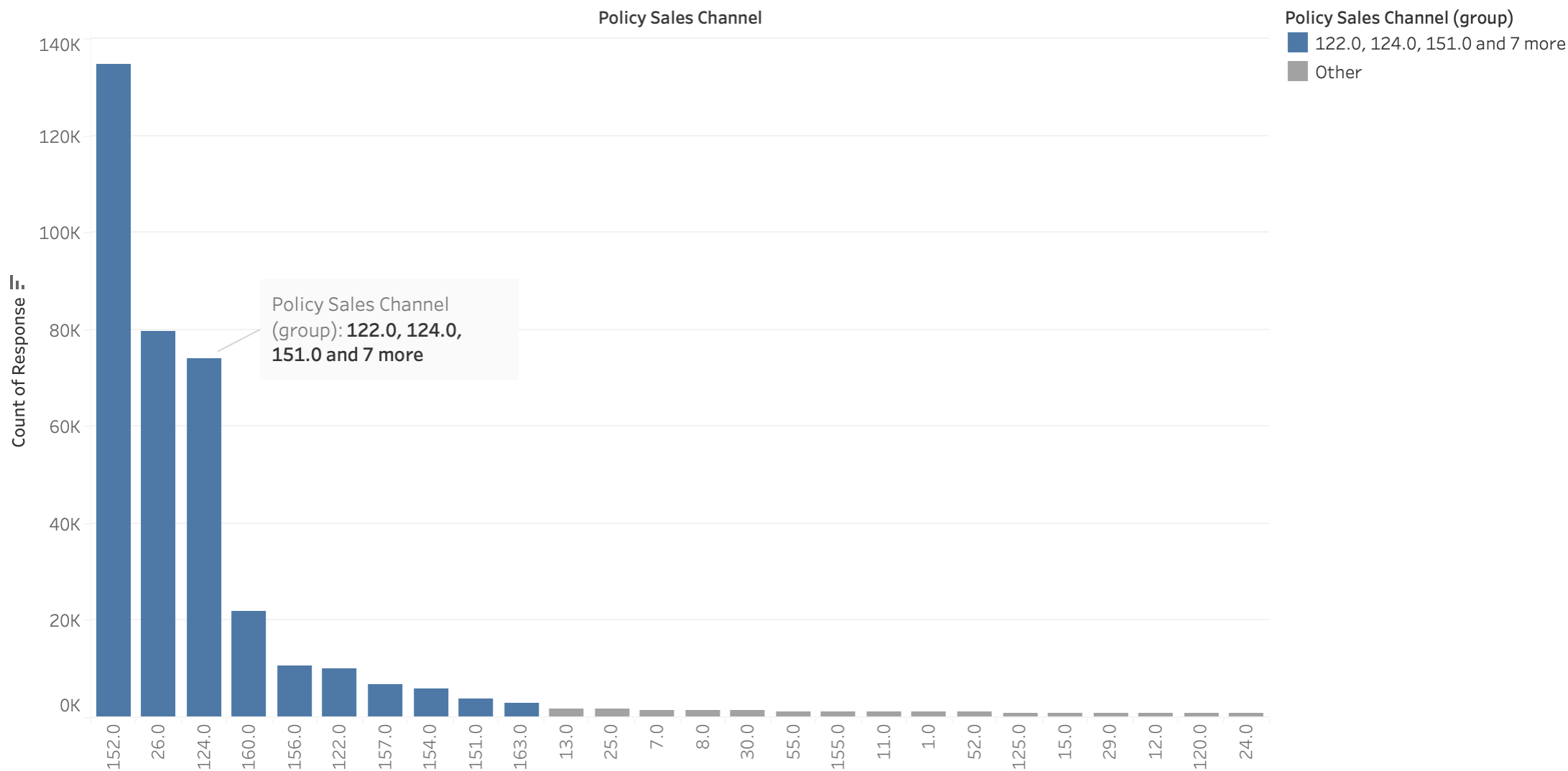
The trend of count of Response for Age. Color shows details about Age (group) 1.

There is a leaders among regions



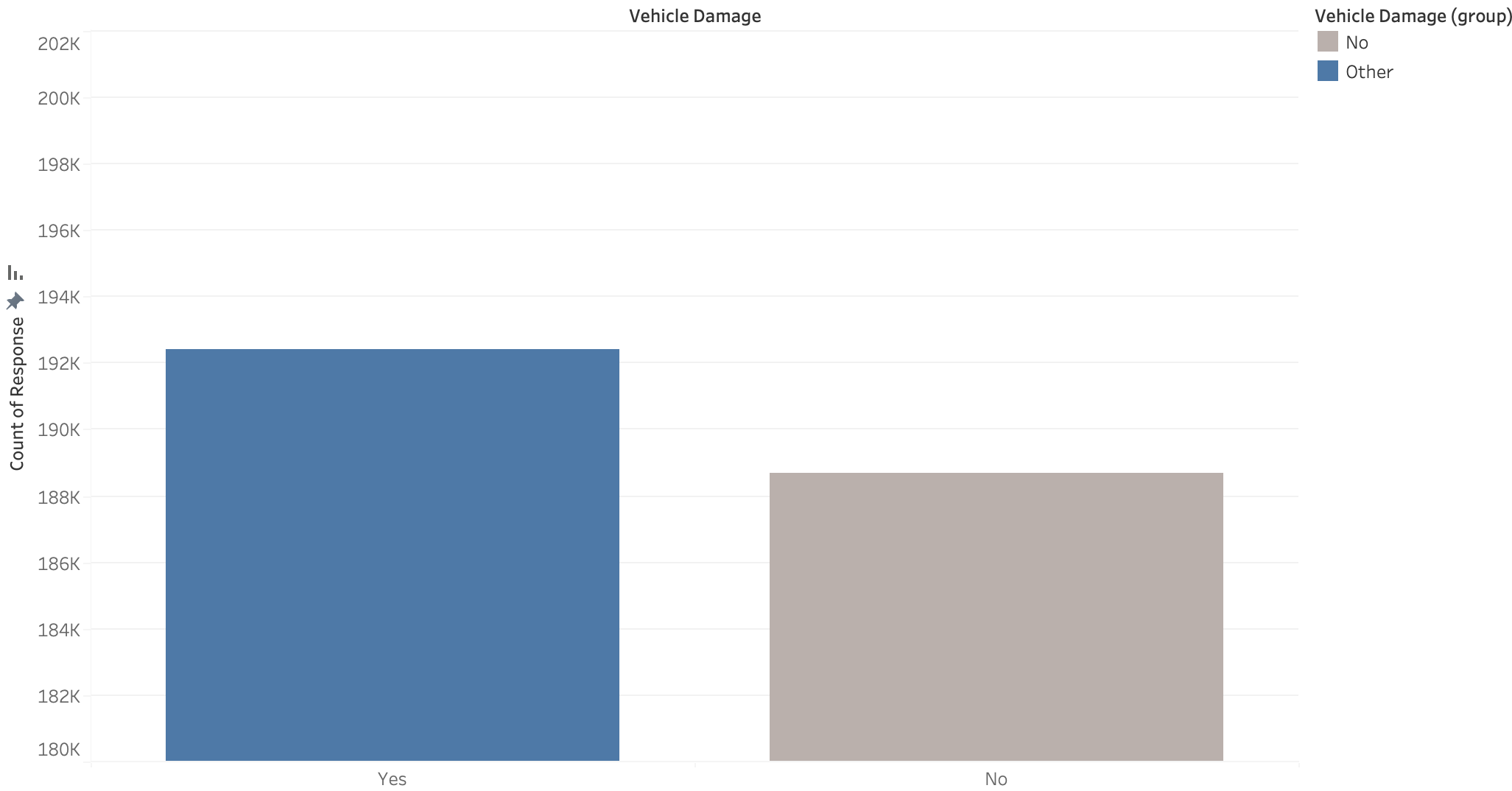
Count of Response for each Region Code. Color shows details about Region Code (group). The view is filtered on Inclusions (Region Code,Region Code (group)), which keeps 33 members.

There are leaders amoun channels



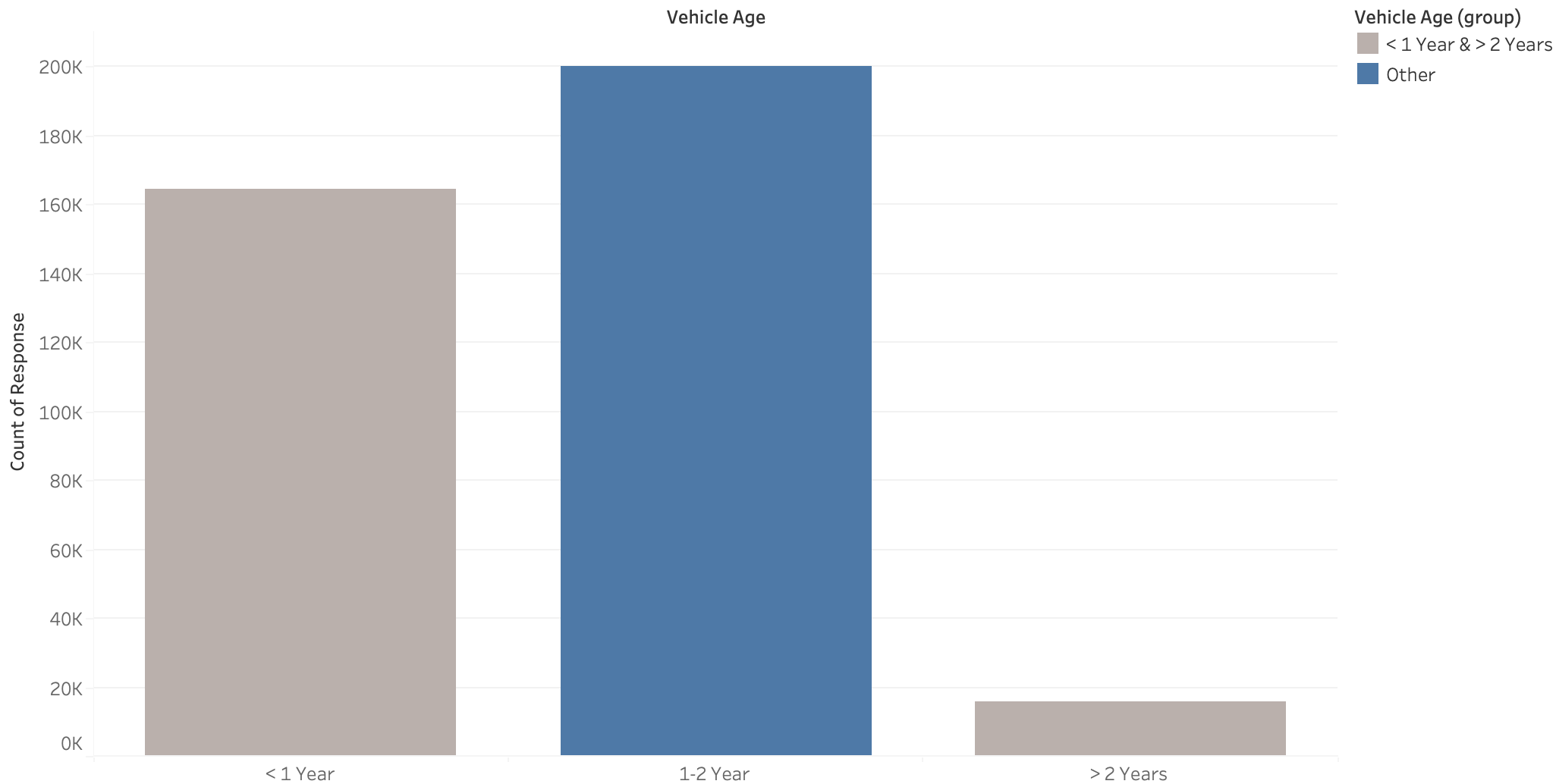
Count of Response for each Policy Sales Channel. Color shows details about Policy Sales Channel (group). The view is filtered on Policy Sales Channel and Inclusions (Policy Sales Channel,Policy Sales Channel (group)). The Policy Sales Channel filter keeps 49 of 155 members. The Inclusions (Policy Sales Channel,Policy Sales Channel (group)) filter keeps 26 members.

Customers with damaged car accept an offer slightly more frequently



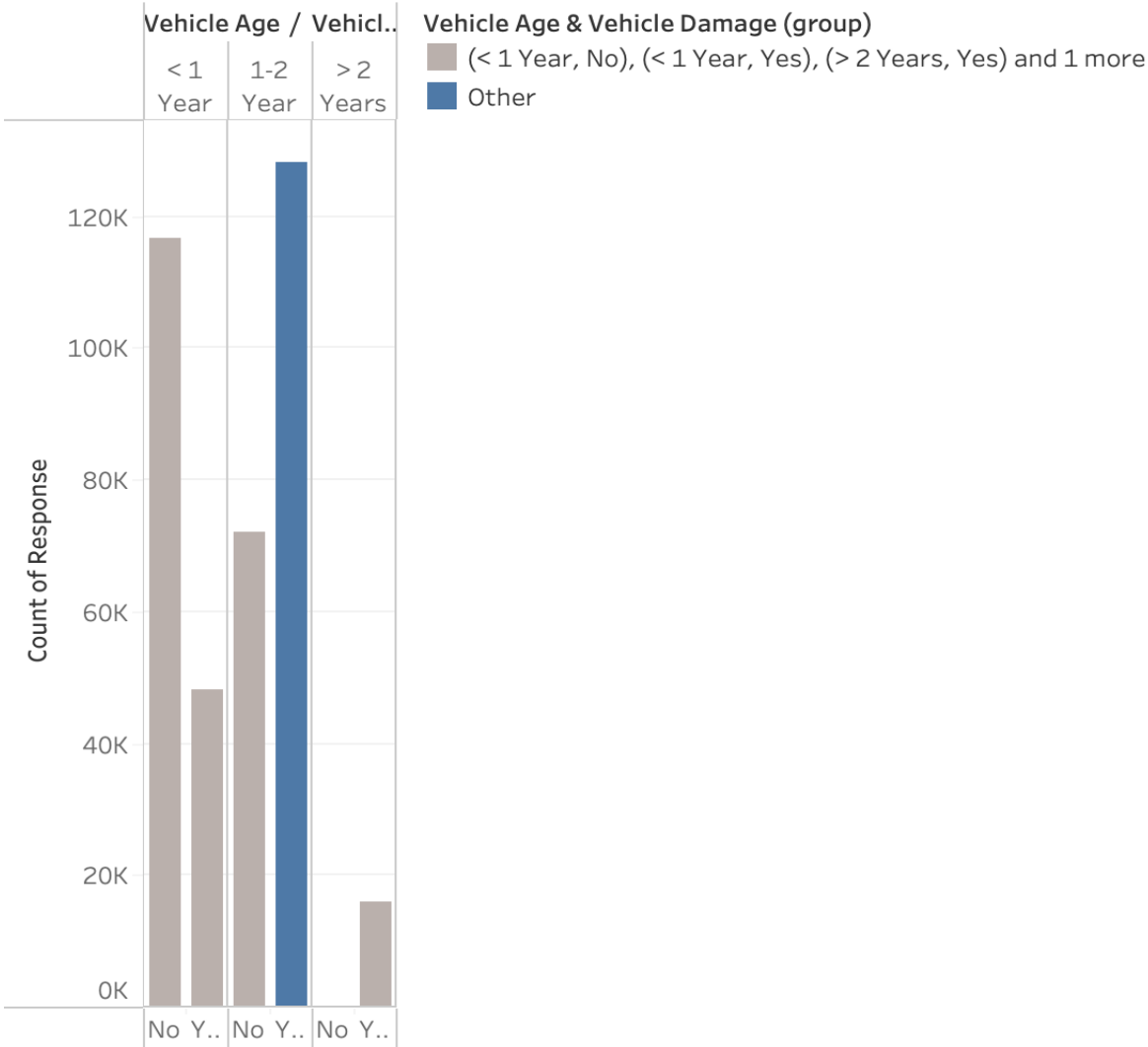
Count of Response for each Vehicle Damage. Color shows details about Vehicle Damage (group).

Most probably we get positive response from a new car owner



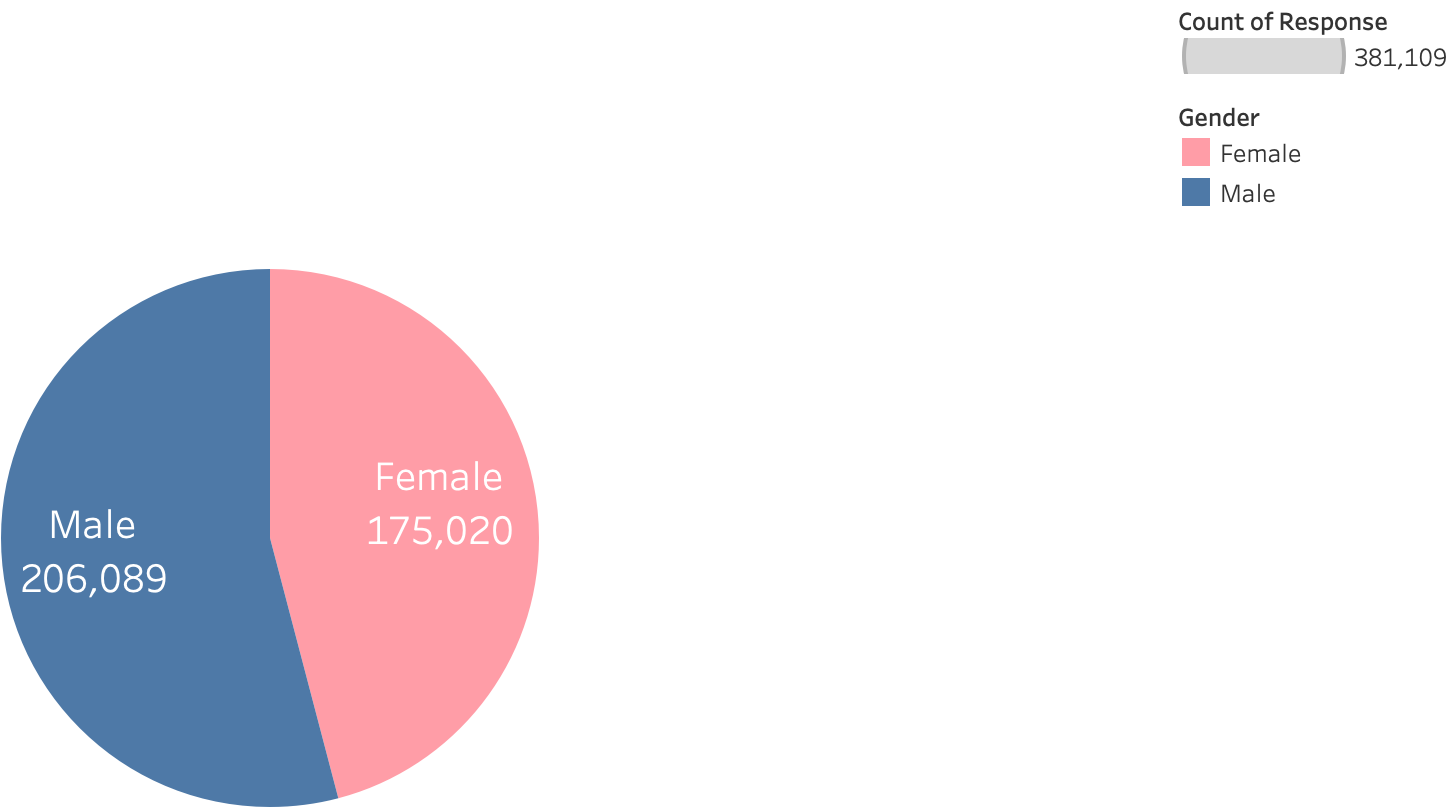
Count of Response for each Vehicle Age. Color shows details about Vehicle Age (group).

Most responses
are from damaged
cars age 1-2



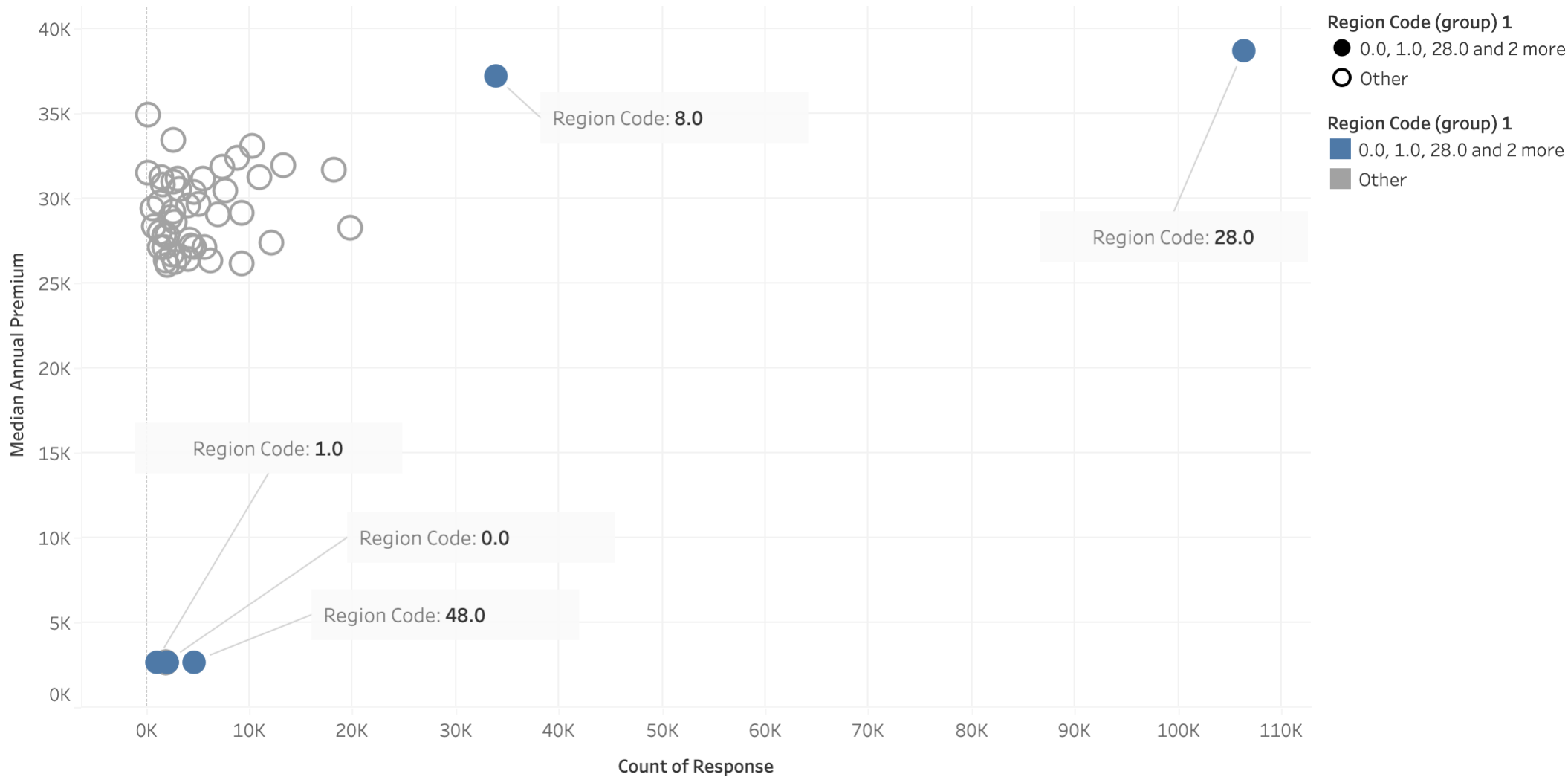
Count of Response for each
Vehicle Damage broken down by
Vehicle Age. Color shows details
about Vehicle Age & Vehicle
Damage (group).

Men accept offer more frequently



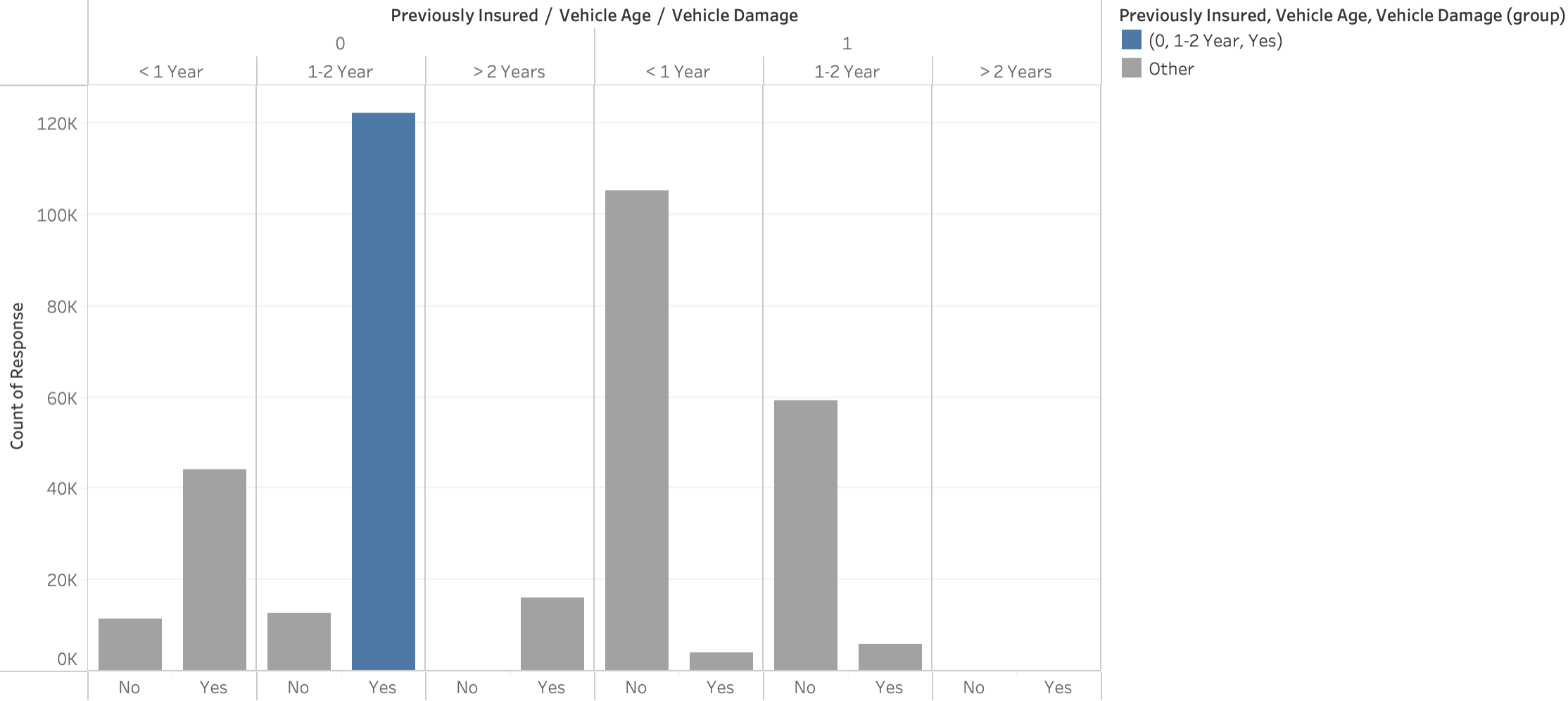
Gender and count of Response. Color shows details about Gender. Size shows count of Response. The marks are labeled by Gender and count of Response.

We see the region with extremely high Median of Premium and count of renspnses.



Count of Response vs. median of Annual Premium. Color shows details about Region Code (group) 1. Shape shows details about Region Code (group) 1. Details are shown for Region Code.

Most probably we get positive response from someone who wasn't previously insured, who has 1-2 age car, and whose car is damaged



Count of Response for each Vehicle Damage broken down by Previously Insured and Vehicle Age. Color shows details about Previously Insured, Vehicle Age, Vehicle Damage (group).