**Rules of Thumb for the Variance Inflation Factor**

Personally, I don’t get my panties in a wad as long as VIF is less than 5.  If between 5 and 10 I’ll look at how the predictor is related to the other predictors and ask myself whether or not it would make sense to combine the predictor with another predictor with which it is highly correlated or maybe even drop one of the predictors.  If I find a VIF of 10 or more, I’ll be more aggressive in seeking to reduce multicollinearity.  There are exceptions – for example, when doing a polynomial regression multicollinearity is to be expected among the powers of a predictor.

See [ResearchGate](https://www.researchgate.net/post/Multicollinearity_issues_is_a_value_less_than_10_acceptable_for_VIF)

[Return to Wuensch’s Stat Help Page](http://core.ecu.edu/psyc/wuenschk/StatHelp/StatHelp.htm)

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