## **1.Drawbacks of MAPE as accuracy/loss parameter:**

* The MAPE, as a percentage, only makes sense for values where divisions and ratios make sense. It doesn't make sense to calculate percentages of temperatures, for instance, so you shouldn't use the MAPE to calculate the accuracy of a temperature forecast.
* If just a single actual is zero, At = 0, then you divide by zero in calculating the MAPE, which is undefined.
  + If only a few zeros occur, you can use a weighted MAPE.
  + This also applies to the symmetric MAPE.
* MAPEs greater than 100% can occur. If you prefer to work with accuracy, which some people define as 100%-MAPE, then this may lead to negative accuracy, which people may have a hard time understanding.