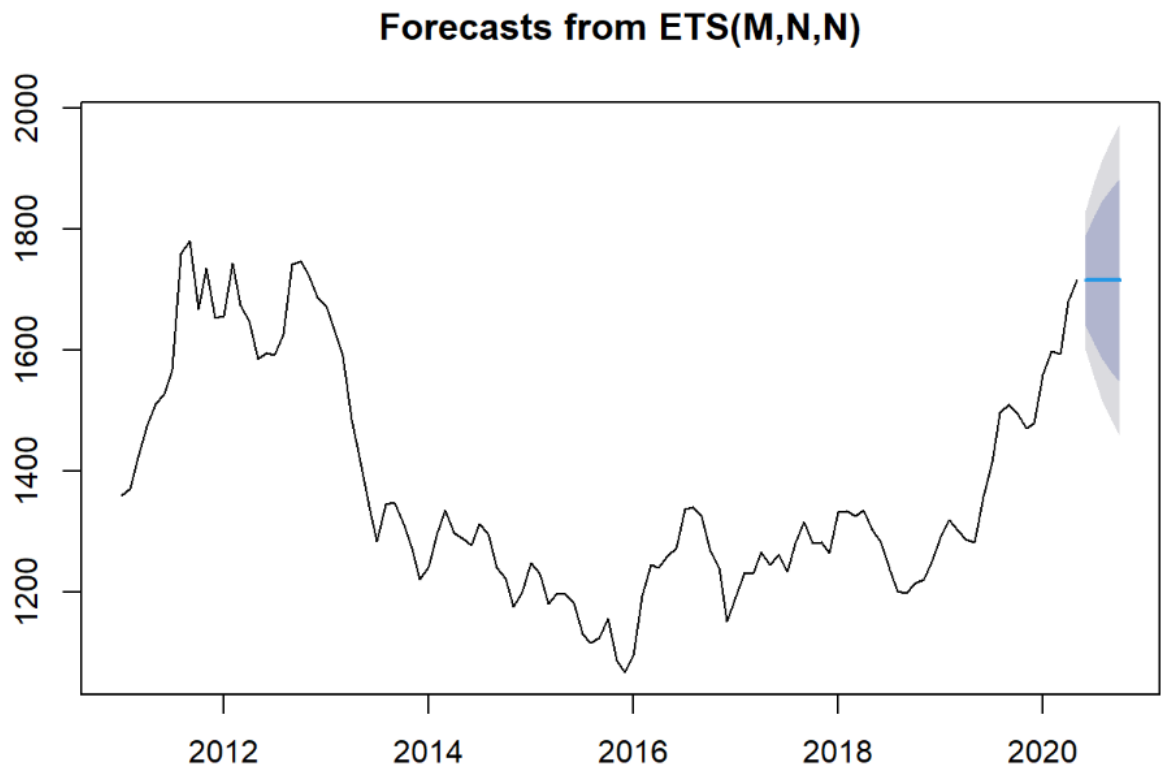
2. Understand and Explain your model output



The forecast for the gold price indicates a stable, unchanging trend represented by a straight line. This suggests consistent projection without accounting for potential fluctuations or complex patterns in the data.

4. Pick an accuracy measure, compare your models, and state the best model based on the accuracy comparison

```
accuracy(naive_forecast)
```

```
##                     ME     RMSE      MAE       MPE     MAPE      MASE      ACF1
## Training set 3.171625 48.01801 37.13905 0.1503834 2.676476 0.2682361 0.2271107
```

```
accuracy(rwf_forecast)
```

```
##                         ME     RMSE      MAE         MPE     MAPE      MASE
## Training set 5.074807e-14 47.91315 37.13358 -0.08465319 2.680817 0.2681966
##                     ACF1
## Training set 0.2271107
```

```
accuracy(ets_forecast)
```

```
##                     ME     RMSE      MAE       MPE     MAPE      MASE      ACF1
## Training set 3.157061 47.80638 36.82478 0.1500346 2.653844 0.2659663 0.2271462
```

Based on these accuracy measures, **the Random Walk Forecast** and **ETS Forecast** models perform very similarly, with negligible differences in their measures. Therefore, either of these models could be considered the best choice for this forecasting task.