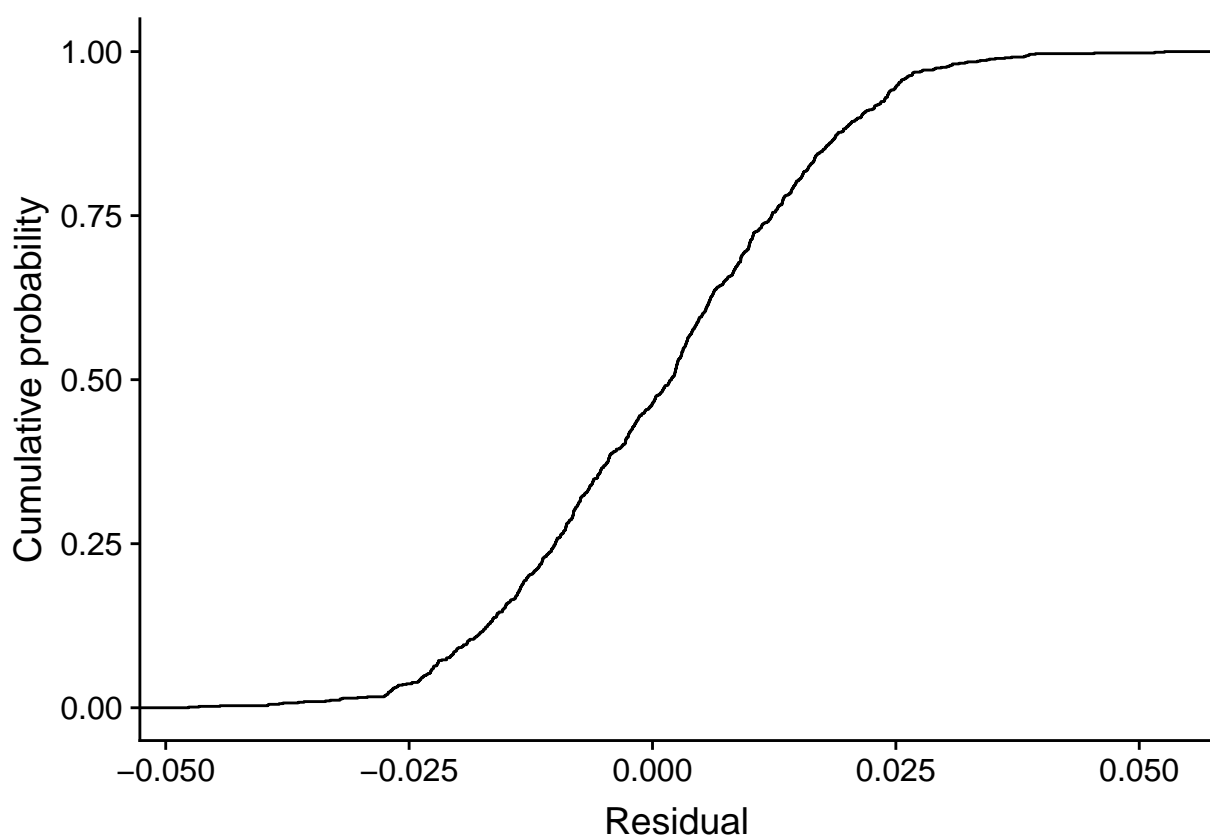
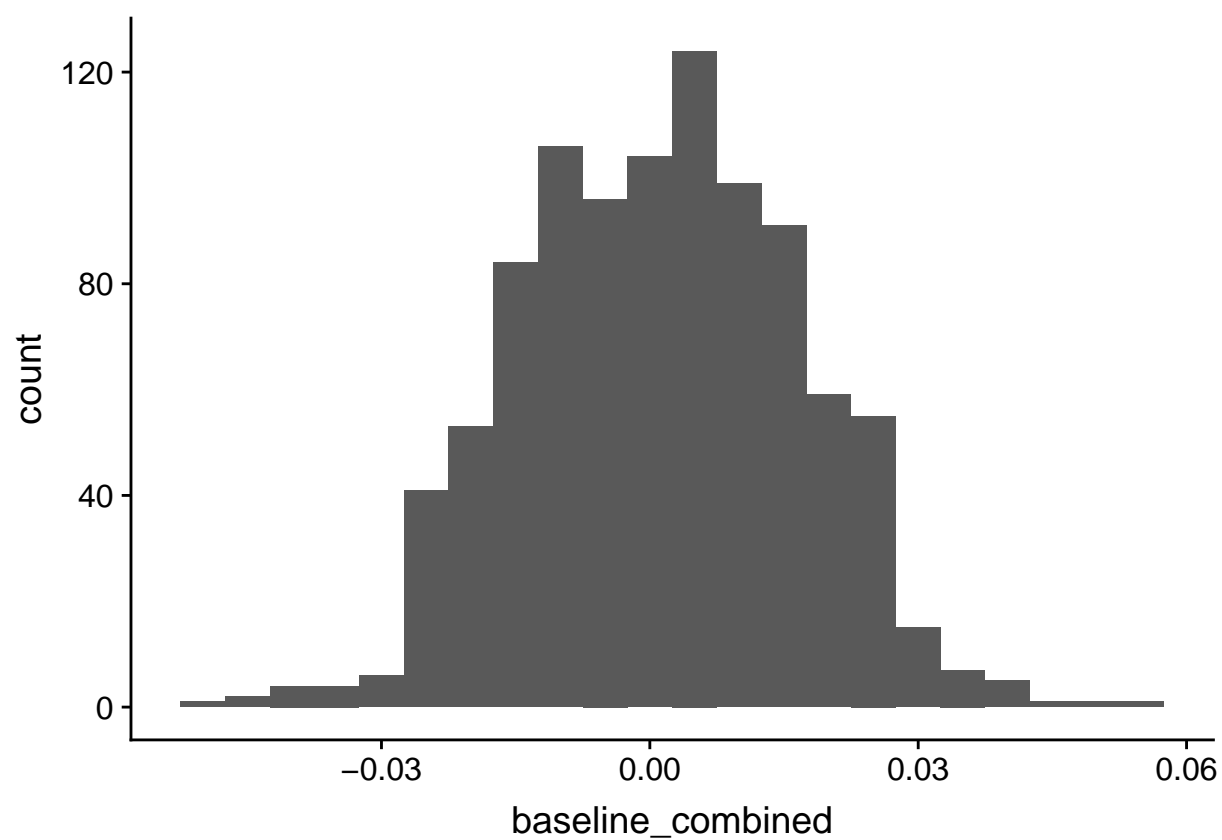


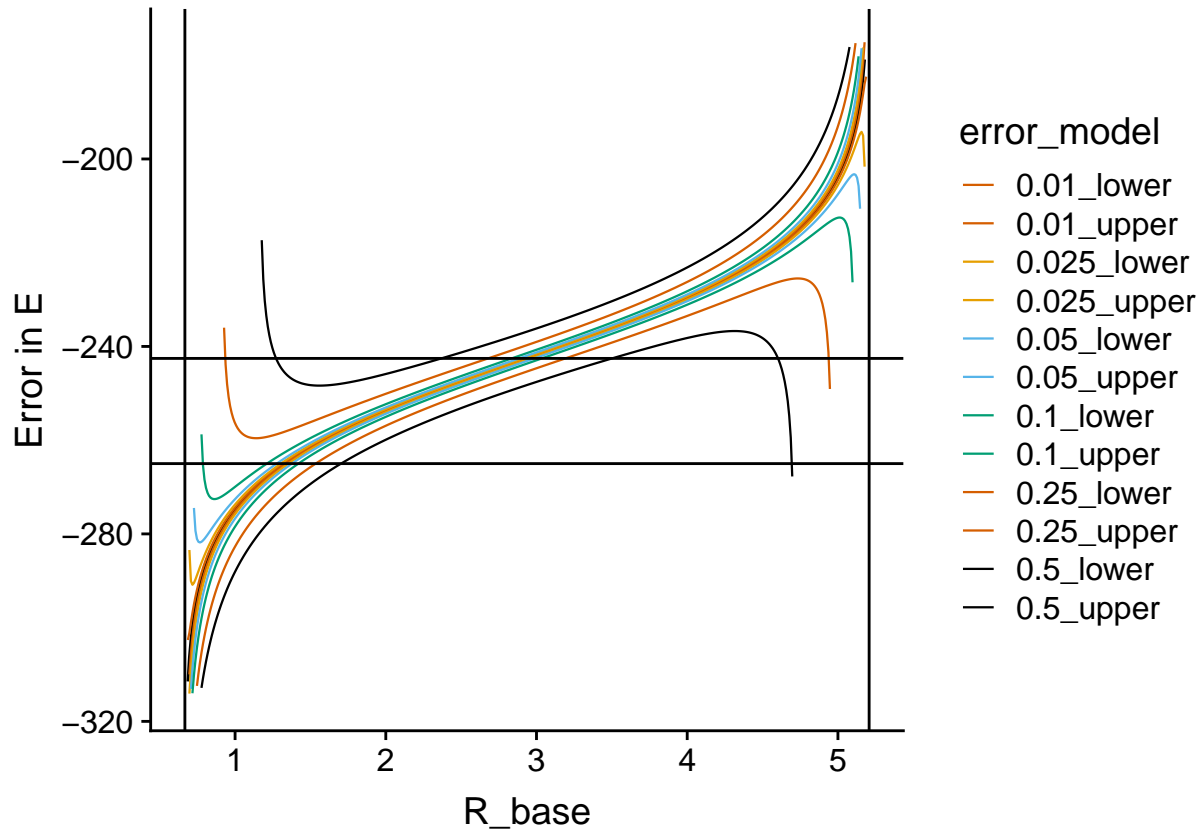


## Distribution of errors



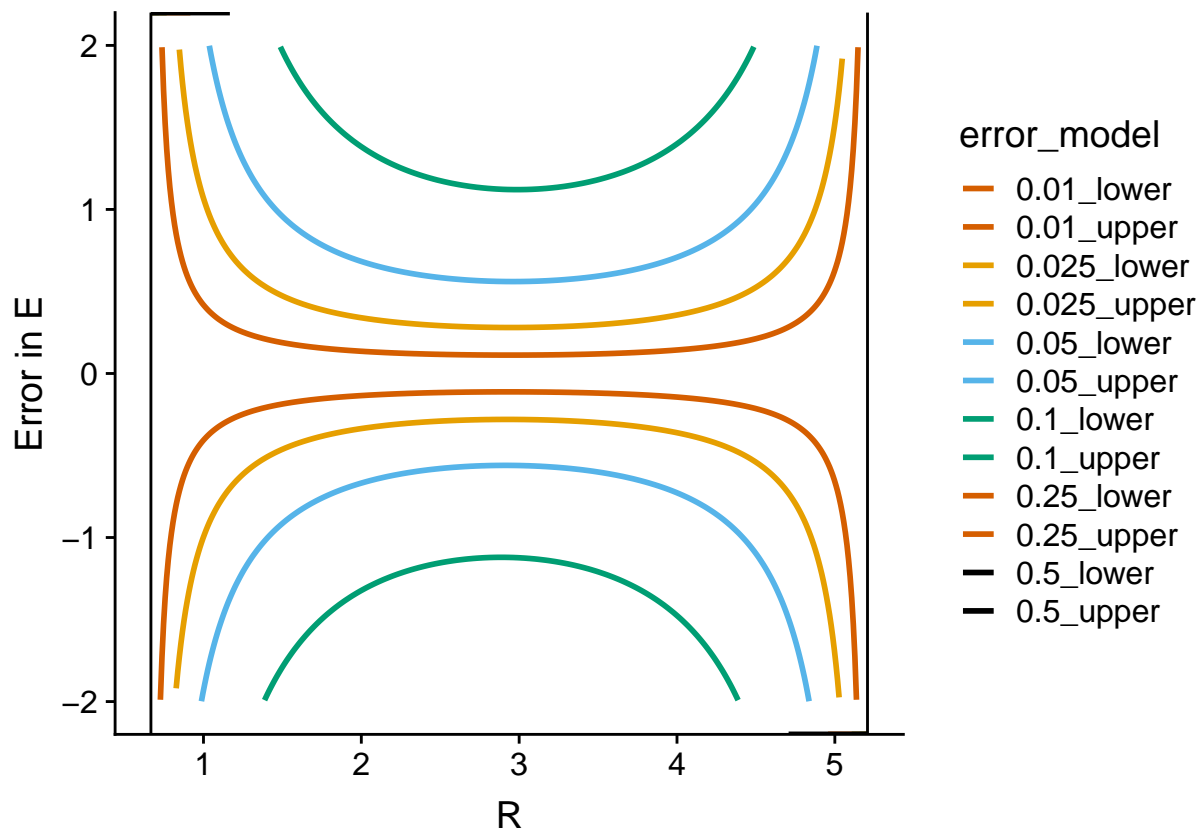
```
## [1] "95% of values fall between -0.027 and 0.029"
```

## E observed vs R at different error levels

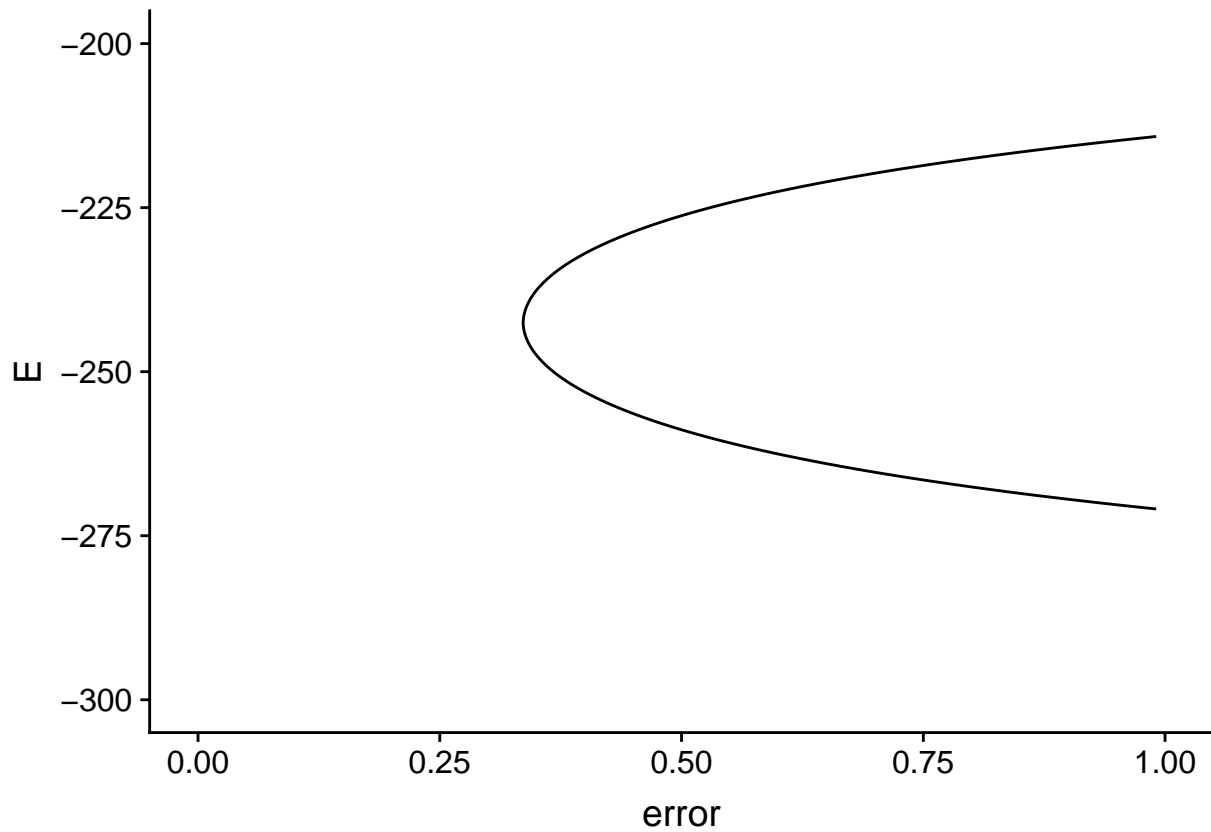


```
## Warning: Removed 7836 rows containing missing values (geom_hline).
```

```
## Warning: Removed 7836 rows containing missing values (geom_hline).
```

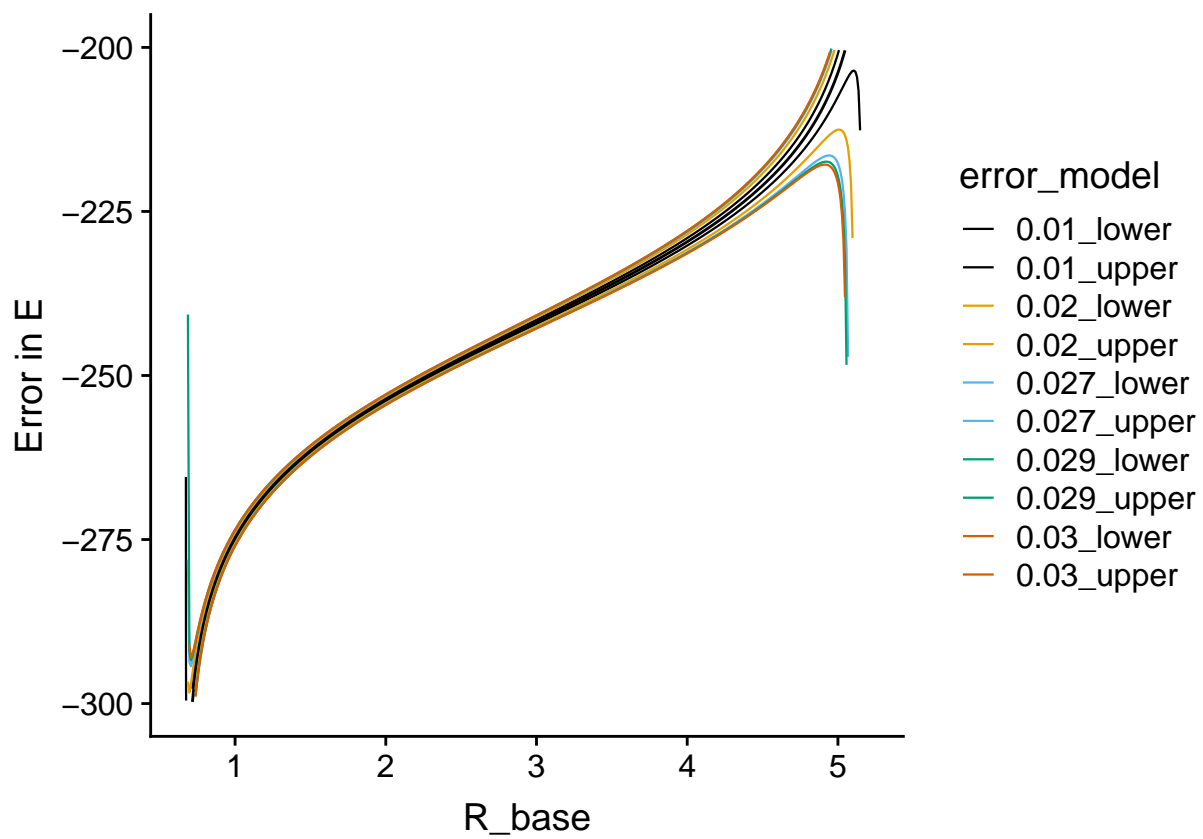


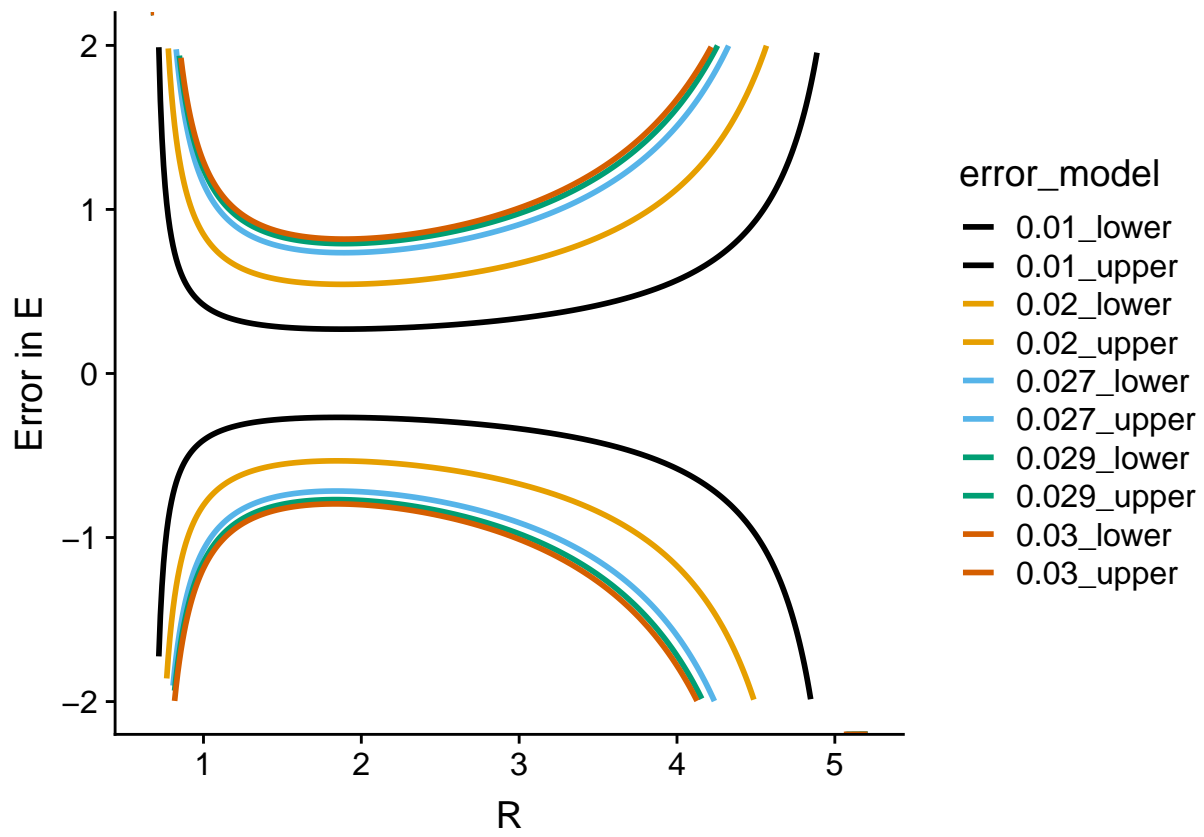
### Phase plot (for absolute error of 0.03)

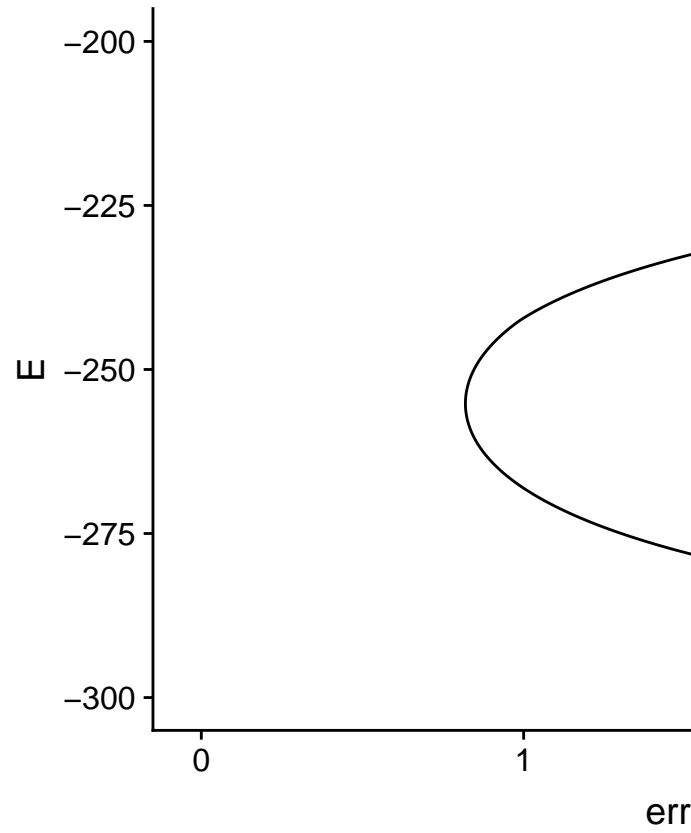


### Sanity check: using percent errors

Note: All of the previous graphs were using **absolute** errors. Those looked small, so here are all the exact same graphs, but just with **relative/ percent** errors instead.







Phase plot (for relative error of  $R \cdot 0.03$ )