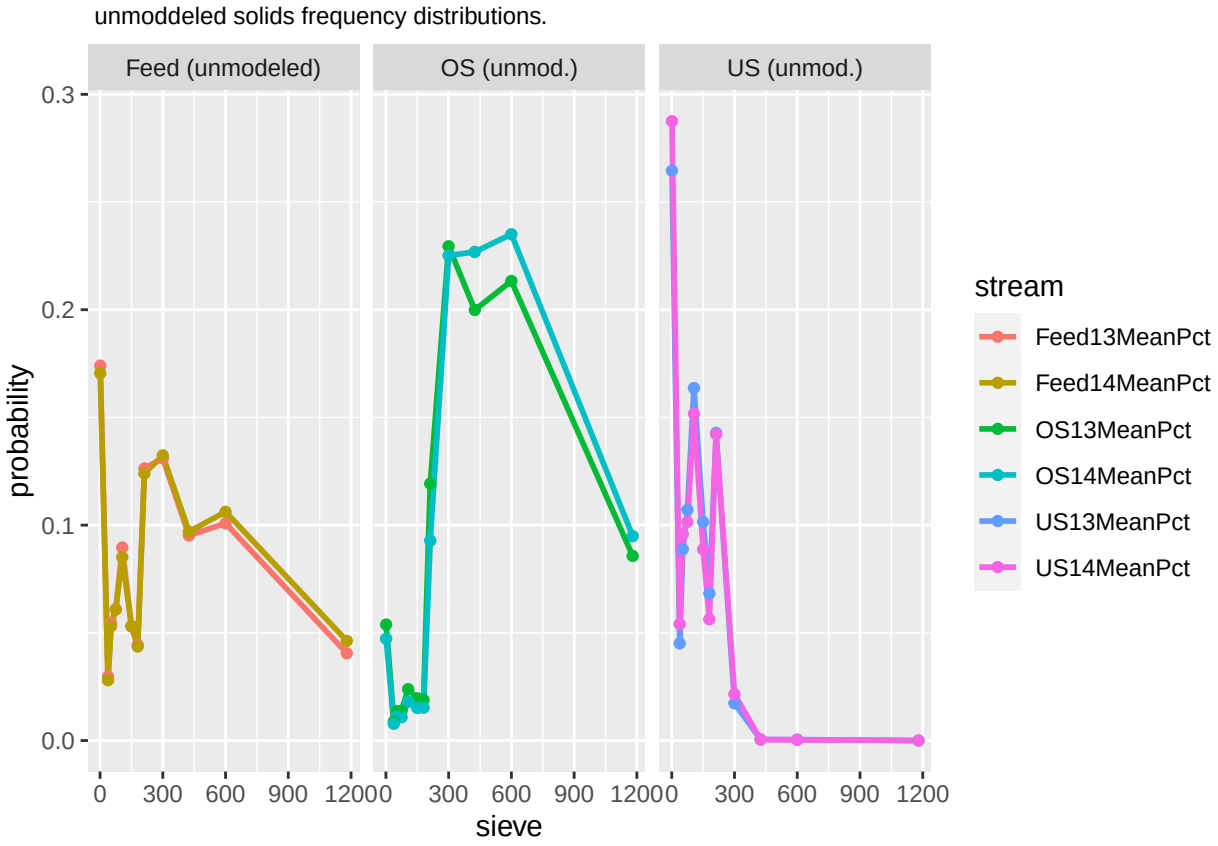
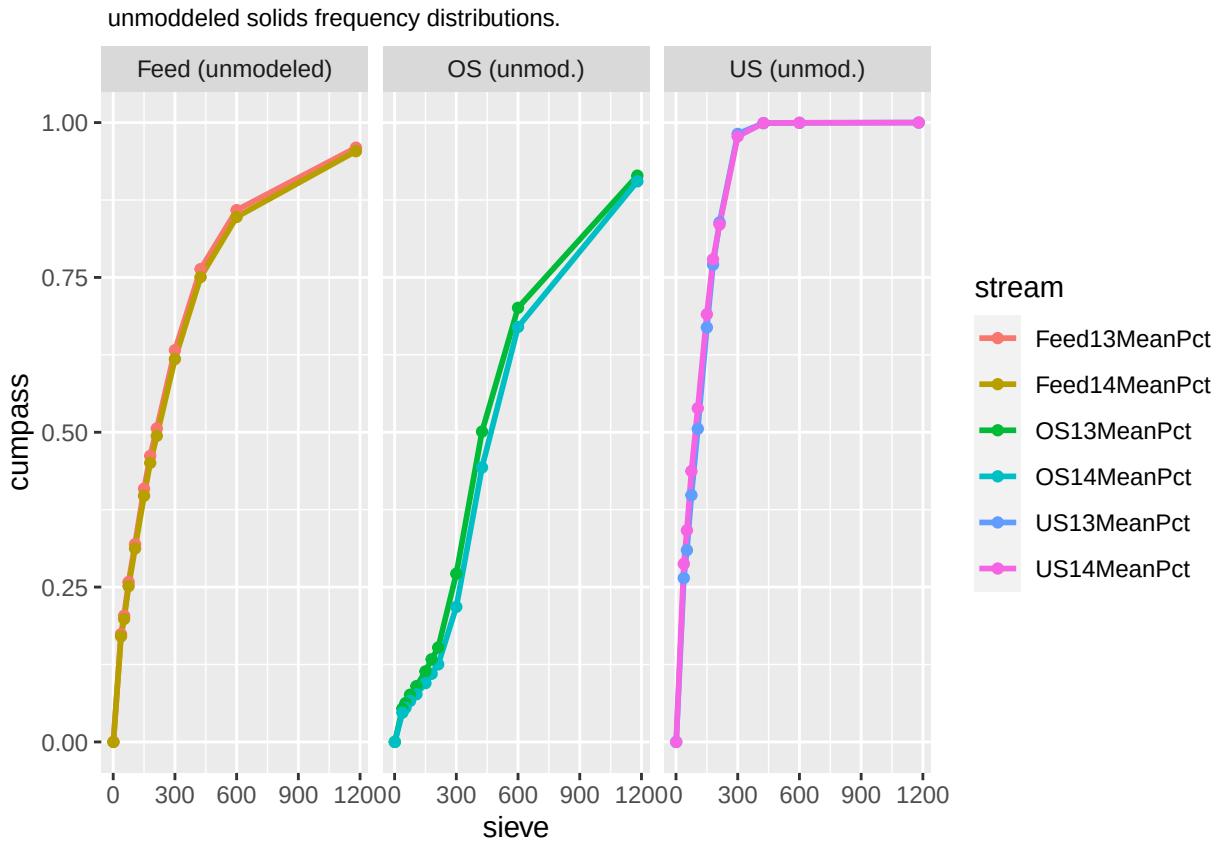
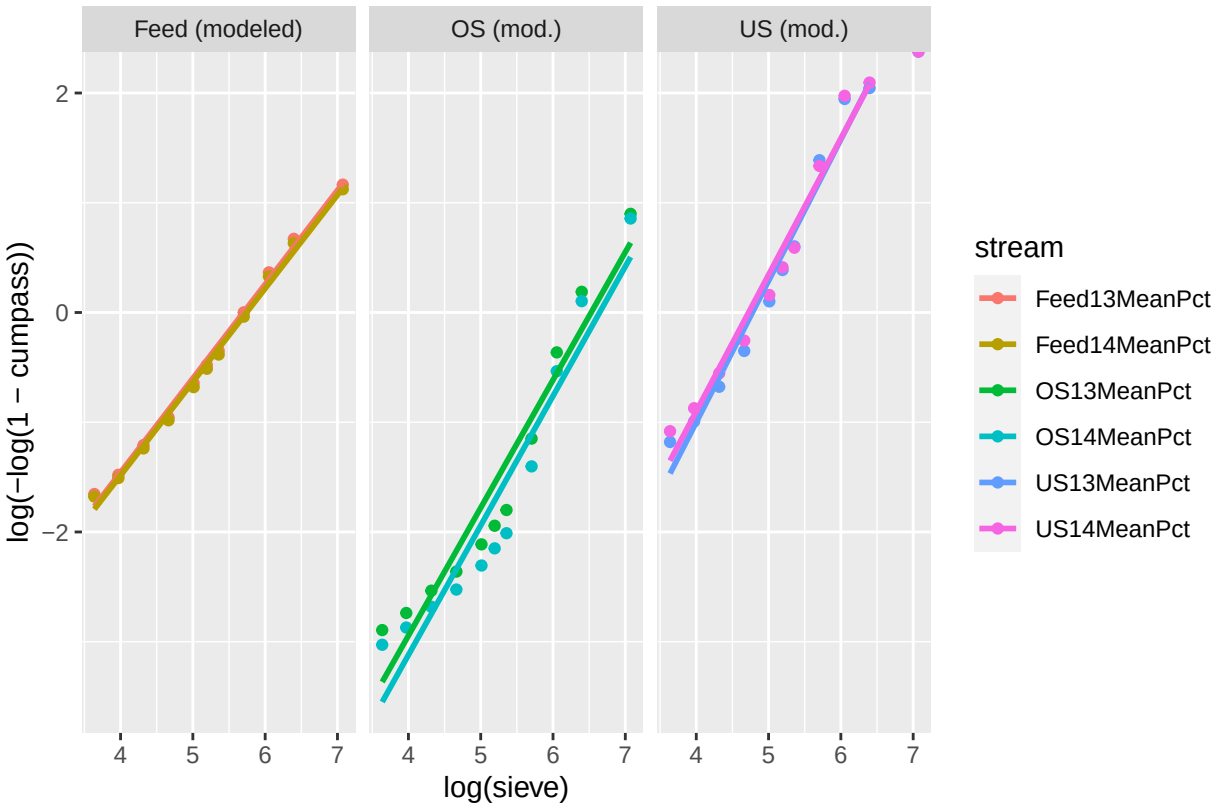
This file imports the means of the streams from the 5 decks on the each of the two screens in the plant. import from 01_ImportWrangle2Means19Oct2014.Rmd

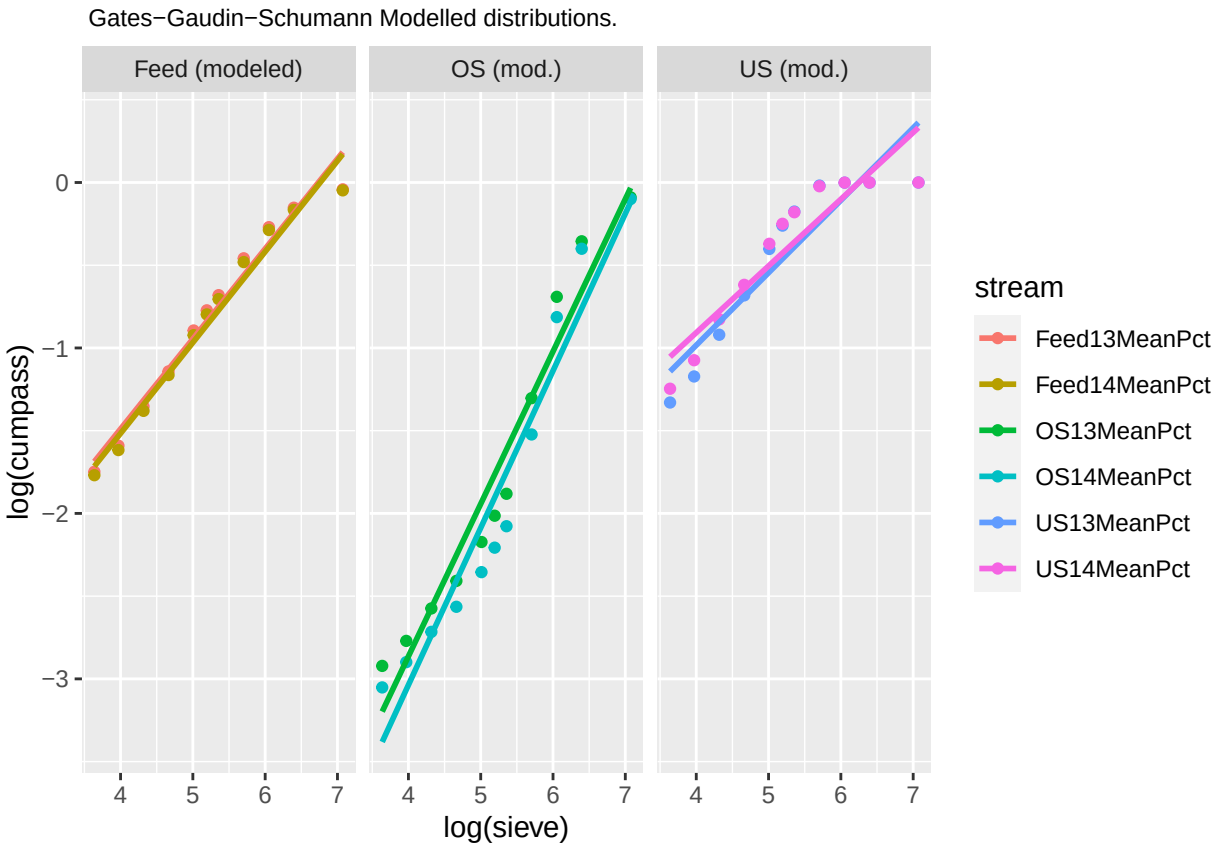
import wrangled means




unmoddeled solids frequency distributions.
Feed (unmodeled)
OS (unmod.)
US (unmod.)
cumpass
1.00
0.75
0.50
0.25
0.00
0
300
600
900
12000
sieve
stream
Feed13MeanPct
Feed14MeanPct
OS13MeanPct
OS14MeanPct
US13MeanPct
US14MeanPct

Rosin Rammler Modelled distributions.





still trying to the predictions

trying to replace the model function above ..the "df" part is confusing where does the data come from. so now below i try hadleys way :P

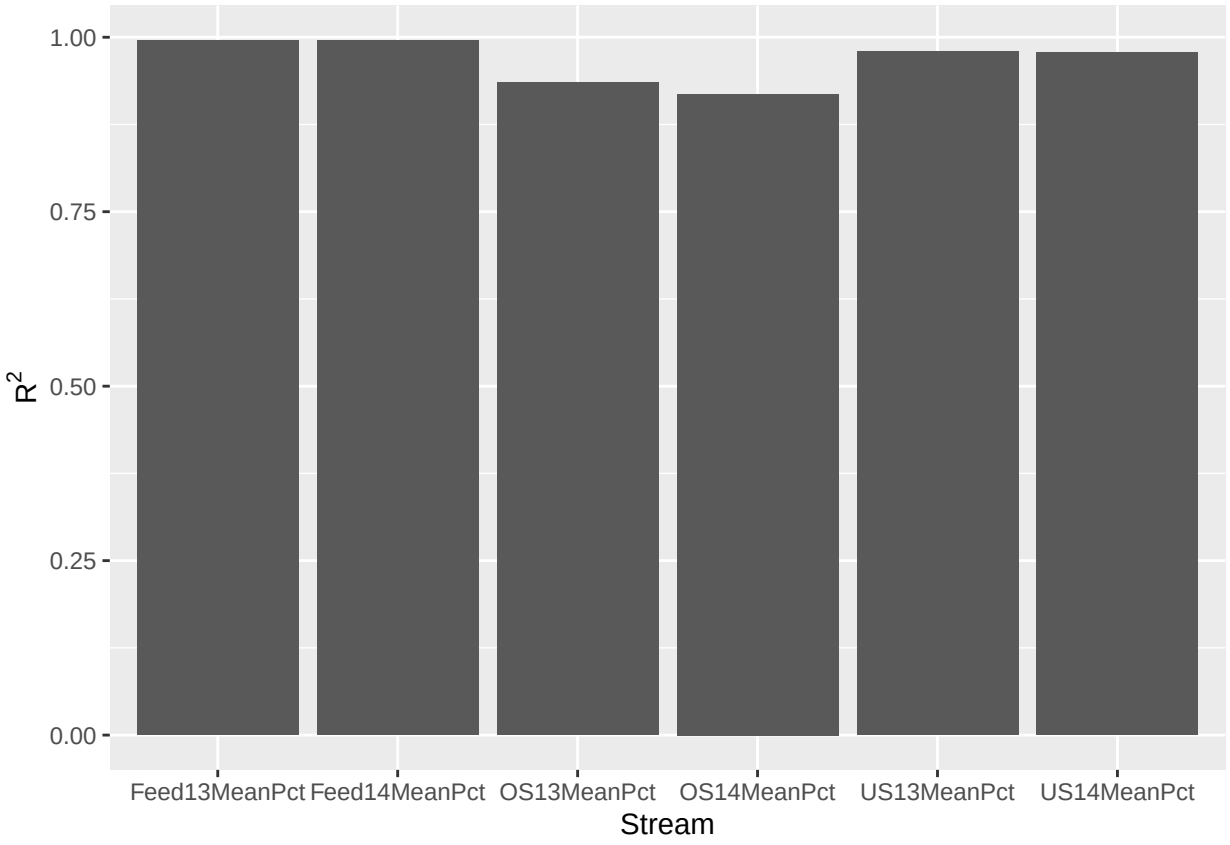
predicting the fraction of material that will pass a certain screen size:

```
## # A tibble: 6 x 5
## # Groups:   stream [6]
##   stream        PredRR PredGGS loglogPred logPred
##   <chr>          <dbl>   <dbl>      <dbl>   <dbl>
## 1 Feed13MeanPct 0.424    0.516     -0.153  -0.661
## 2 Feed14MeanPct 0.437    0.506     -0.189  -0.681
## 3 OS13MeanPct   0.734    0.232     -1.17   -1.46
## 4 OS14MeanPct   0.767    0.203     -1.33   -1.59
## 5 US13MeanPct   0.0640   0.728      1.01   -0.317
## 6 US14MeanPct   0.0577   0.745      1.05   -0.294
```

extra r^2 chart

Table 1: Modelled cummulative passing 250um

stream	PredRR	PredGGS	loglogPred	logPred
Feed13MeanPct	0.42	0.52	-0.15	-0.66
Feed14MeanPct	0.44	0.51	-0.19	-0.68
OS13MeanPct	0.73	0.23	-1.17	-1.46
OS14MeanPct	0.77	0.20	-1.33	-1.59
US13MeanPct	0.06	0.73	1.01	-0.32
US14MeanPct	0.06	0.75	1.05	-0.29



statistical measures of model fit. CLeaning up the glanced data and only selecting the output required for presentation. Coefficient of determination `R^2`.(i tried latex formatting for the R2 not yet successful)