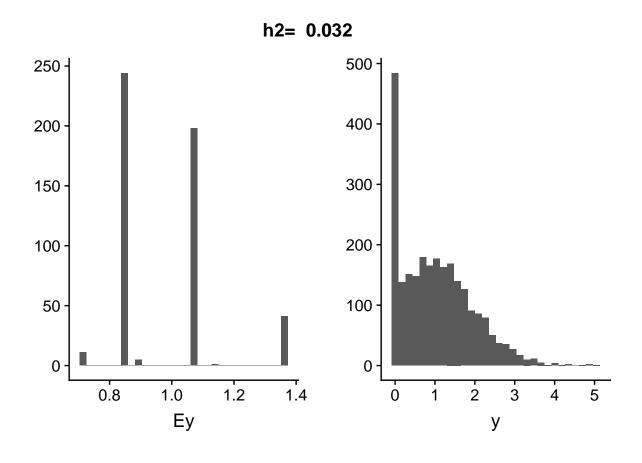
mcmccheck

Moi Exposito-Alonso 2019-04-04

```
p=0
mu=1
svar=0.1
ss=0
epi=1
replicates=5
ss=0
n=500
m=3
maf=mafsim(m)
X <- Xsim(n,m,maf)</pre>
s= ssim(m,svar)
Ey=wsim(X,s,mode=2)
h=sort(rep.int(1:n,replicates))
a=0.001
b=1
y=sampleW(Ey,a,b,p,rep = replicates)
title <- ggdraw() + draw_label(paste("h2= ",format(var(Ey) / var(y),digits=2)),fontface = 'bold')</pre>
plot_grid(title,
          plot_grid(qplot(Ey),qplot(y)),
          ncol = 1, rel_heights = c(0.1, 1)
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
```



Simple run with poisson sampling variance (increasing with the mean)

