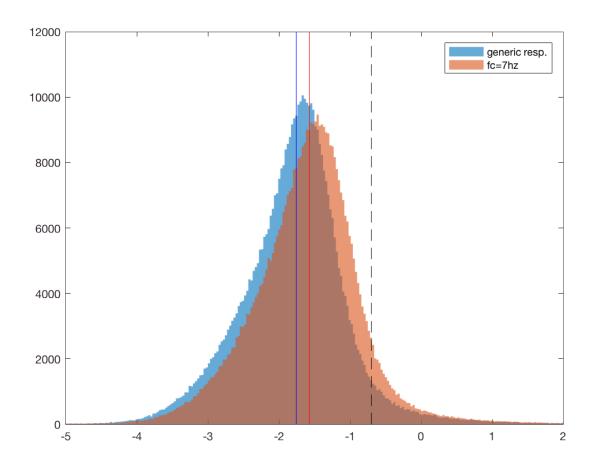
```
clear; close all
addpath /Users/Andy/Cruises_Research/GenMatlabFunctions/
% load data w/ generic ferq response
load('/Users/Andy/Cruises_Research/ChiPod/Cham_Eq14_Compare/Data/chameleon/processed/Cstar=0_6
cham0=cham; clear cham
% load data w/ different freq respon.
load('/Users/Andy/Cruises_Research/ChiPod/Cham_Eq14_Compare/Data/chameleon/processed_AP_7hz/st
cham1=cham; clear cham
% compute gammas
gam0 = cham0.N2 .* cham0.CHI ./2 ./ cham0.EPSILON ./ (cham0.DTDZ_RHOORDER.^2);
gam1 = cham1.N2 .* cham1.CHI ./2 ./ cham1.EPSILON ./ (cham1.DTDZ_RHOORDER.^2);
```

```
% Plot

figure(1);clf
h0=histogram(log10(gam0(:)),'edgecolor','none');
hold on
h1=histogram(log10(gam1(:)),h0.BinEdges,'edgecolor','none');
xlim([-5 2])
legend([h0 h1],'generic resp.','fc=7hz')
freqline(nanmedian(log10(gam0(:))),'b');
freqline(nanmedian(log10(gam1(:))),'r');
freqline(log10(0.2),'k--');
```



%%

Using a lower frequency correction cutoff increases gamma a bit, but nowhere close to 0.2

```
nanmedian(gam0(:))
```

ans = 0.0175

nanmedian(gam1(:))

ans = 0.0269