Assignment 2 1a) Mean -> 0.424 95% vudible → 0.377 0.471 16 For season 2-5 Mean > 0.453 95% cnedible Set, -> 0.439 0.467 For season 6-10 Mean -> 0.392 set

95% Credible 0.4 -> 0384

Fon Season 11-15

Hean -> 0.416

Mean -> credible set

0.41 0.423

for season 16-20
Hearn -> 0.416
95% Credible set
0.414
0.422

1c Bryan't Best season wer season 6.

1d His shooting performance determined by Fb. 16.

Thous a fund of Incurring and reaching man 411 season 6. Dropping and recovering

titl to level 6 to level tell seam 11. Post season 17, it drastically suduced. So, we an say he was his porjournamed was decreasing when he retiredo 2 a) Mean -> 0-164 Posterior Mean -> 0.164 95% Crudible Sit, 0.112 0.225 1247.5 Puion Hean -> 0'15 Data Hean -> 0.17 So, posterios muam is clearly blue 100 0.15 and 0.17.

The enedible set is comparatively wide. This is because the Varu'ance for the proposal dist was set as 0.1. which is still wide. We got large no ay values, with this vowance, totach which warre not centered around mean. The histogram of the data looks like a Wormal Dist centered around mean.

25 Resetts saved in jolder. Histogram of plot.