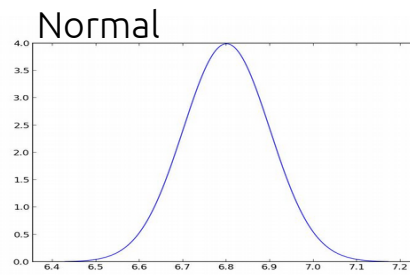Normal, bi-variate

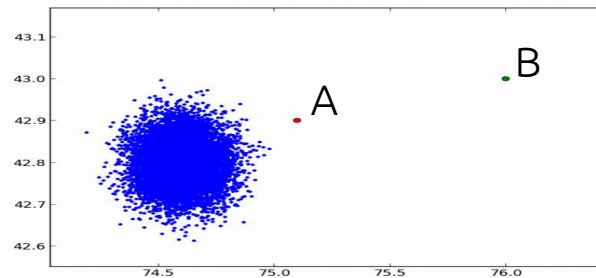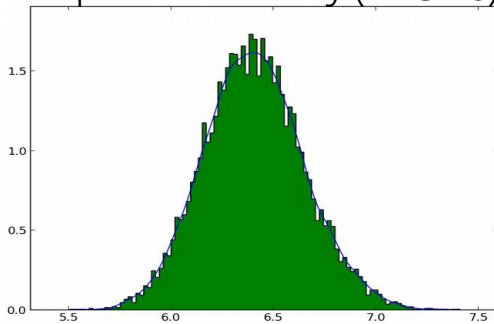Normal

Uniform

Epicenter lat, lon

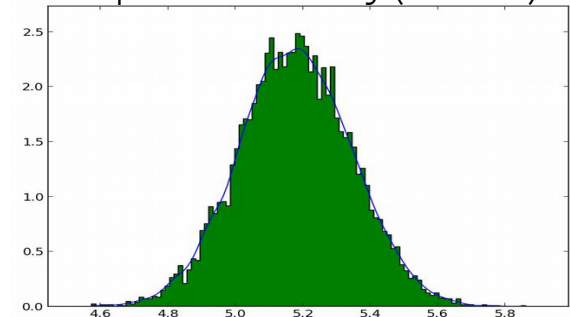**magnitude (Mw)**
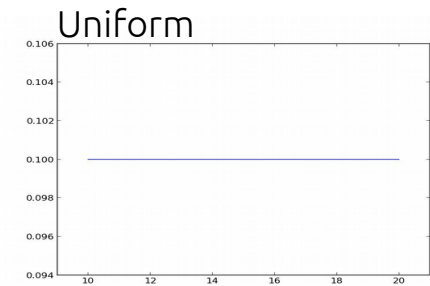
depth

IPE
**Global, hypo dist.
(Allen et al., 2012)**

Expected intensity (EMS-98)

Expected intensity (EMS-98)

Target A (hypo distance= 42.3Km)
> Mean.................. **5.17**683042583
> Variance.............. 0.0277250465244
> Skewness Coefficient... 0.00763148236548
> Kurtosis Coefficient... 2.99401181171

Target B (hypo distance=116.5 Km)
> Mean.................. **6.4**0413705069
> Variance.............. 0.0595037422298
> Skewness Coefficient... 0.14801247523
> Kurtosis Coefficient... 3.08483633099