Frequency first day board notes

Probability for any

Value of z

The probability for any

Value of z

The ariteria: [2] > 0

$$E = 1$$
, within the support

 $e = 1$

The ability distributions have moments

The probability distributions have moments

 $e = 1$

The ability distributions have means and moments

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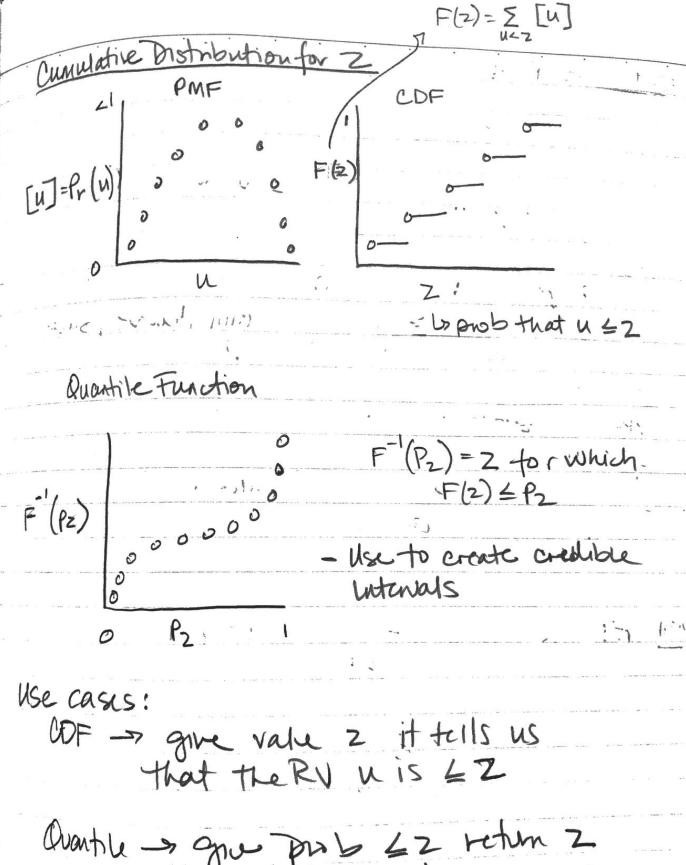
The ability distributions have means and moments

 $e = 1$

The ability distributions have means and moments

 $e = 1$

The ability distributions have means and m



Quantile >> grow prob 62 return 2. 05/95, logical argument

Continuous RVS bo Infinite # of values between upper & lower points ZN normal (M, o2)

(Not Probability) Prob density = values along curve, such Uniteria: Z [z] > 0 that, istrue

) [z]dz=1 The value on

Pr(a<Z<b) = 5 [2]dz the yaxis can be comparatively lage if value th x axis are composately.

Moments $\#1 E(z) = M = \int z[z] dz$ 8 mall

 $42 E(z-u)^2 = 0^2 = \int (z-u)^2 [2] dz$

≈ h = (2;-M)2

