## Population mean and expected value = $\mu$ ?

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What is the difference between  $\mu$  when being the population mean, and  $\mu$  when being the mean or the expected value?





What confuses me is that the same letter is being used to describe two different metrics- or are they? I am solely basing this question on their equation which isn't the same, so where am I missing the point?



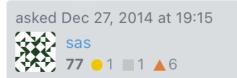
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Population mean: μ. Sample mean: x̄. Expected value can be μ but it's usually E(X)''. - Shahar Dec 27, 2014 at 19:17 🖍 · 2형원 '오라의 당한이는, 기메값은 `독통본포의 나 또면접'이라. 오당한는 '한탈세계의 영역'이는, 기메값은 `이상적 세계의 영역'이라.

Don't let the fact that it's the same letter confuse you. If an observation is from a population with mean \mu then its expected value is \mu and they are the same thing. – j. kookalinski Dec 27, 2014 at 19:17

Ah.. ok, makes sense The expected value you would expect is the population mean. – sas Dec 27, 2014 at 19:22