**Testing SD vs. SE for data uncertainty**

Justification of choosing SE over SD for our experimental dataset:

* We have 7 measurements for 7 replicates (which are all from single sampling)
* These measurements are mean values with no measurement repetitions.
* So we compute SE of the mean:

Where SD = Standard deviation of the mean and N = Number of replicates

* Moreover, SDs are quite large and don’t seem reasonable when we compare the biomass data

Consider two groups of treatments for testing data uncertainty (SD vs. SE):

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| **Standard deviation (SD)** | **Standard Error (SE)** |
| **C pools** | |
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| **Parameters** | |
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