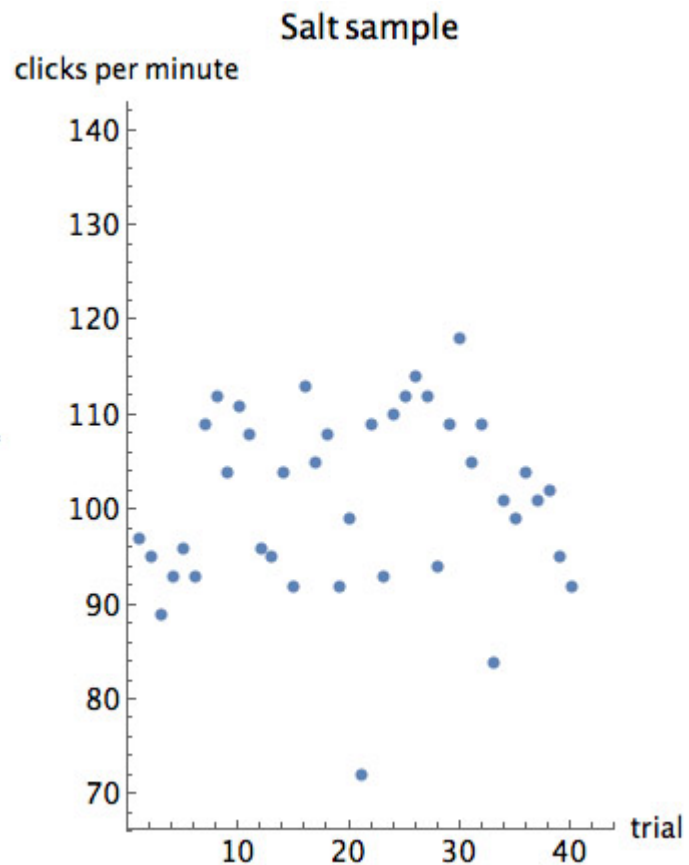


Here again is the salt data (40 measurements). Draw the lines such that about 12 points (~ 6 above and 6 below) are excluded. Use your lines to estimate:

$\text{CPM}_{\text{ave}} = \underline{\hspace{2cm}}$ CPM.

$\sigma = \underline{\hspace{2cm}}$ CPM



Does the ± 1 standard deviation interval overlap the 1 standard deviation interval of the background radiation (right) measurement or not?

What can you say about whether your salt sample is emitting radiation or not?

