1- In my case, a district has more than one PSU. But given that the numerator/denominator cancel each other out, how can I weigh my data? And shall I cluster when I regress afterwards (as you have taught me in your comment number 3)? You pointed out that "Clustering might not work here at all".

Note: I use bootstrapped standard errors in the second stage when I regress.

3- You are right. When I delete the extra "," after p(t), the model run. Thank you!

4- I do not know for sure the number of PSUs per district (probably around 2-6 PSUs). But I know that each district has a reasonable number of clusters, not just one cluster.