Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

Your listing indicates that within each value of "psupool" you have exactly two different values of the weight variable. This is what you would see if two clusters are sharing the same ID code. The weights should be exactly the same within a cluster. I suggest that you take a closer look at all the id information for the cases within one of these values of psupool. Somehow or other, I suspect that you actually have two distinct clusters when you think you have one, and the two clusters correspond with the different values of the weight variable.