

batch	Biological_Variables	Study_Design_Variables
1	11	0
2	14	4
3	0	4
4	0	0
5	15	0

Explanation:

In the above table, we observe that biological variables (related to cancer - 'Cancer') are most concentrated in batch 5, where there are 15 cases of cancer. Conversely, variables related to the study design ('Normal') are more represented in batches 2, 3, and 1.

Potential Problem:

One potential issue arising from this distribution is the presence of uneven variable distribution across batches. If there are hidden differences between batches unrelated to the variables under study (such as cancer or normalcy), data analysis may be distorted. Uneven variable distribution can affect the accuracy of analysis and interpretation of results.