

$$P(X_i > x \mid \boxed{X_c > u \quad \forall c \in C})$$

1) obtain joint dist<sup>n</sup>

$$\int_c^x \int_u^\infty p_x$$

2) simulate from that dist<sup>n</sup>.

under the null can permute within the cluster

i.e. restrict to the cluster, then

find all perms for which the ~~bandwidths~~ of the

$p(y)$

$$\int_c^x \int_{\boxed{y > c}} p(x|y) p(y) dy dx$$

$$\boxed{p(x,y)}$$

$$\boxed{P(X_i > x, Y \in A)}$$


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$$\boxed{P(Y \in A)}$$

Generate them 1 by 1