

## Additional File 2.

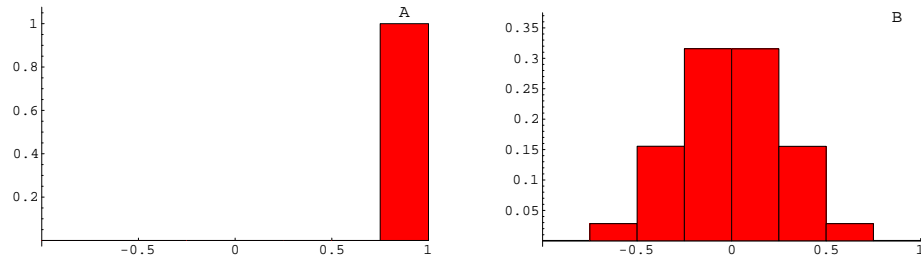


Figure 1: The effect of the normalization procedure  $GEO$  as applied to the SIMU2N data. A: before normalization, B: after normalization.

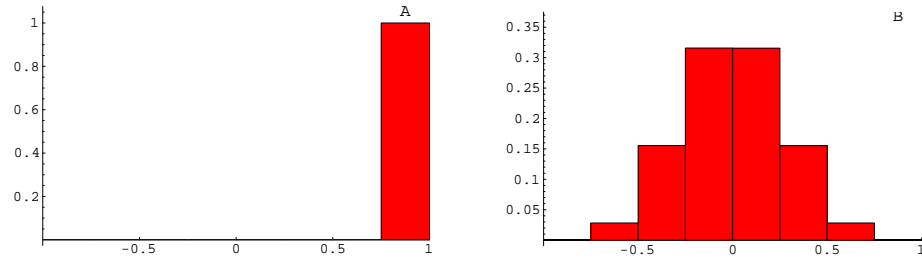


Figure 2: The effect of the normalization procedure *RANK* as applied to the SIMU2N data. A: before normalization, B: after normalization.

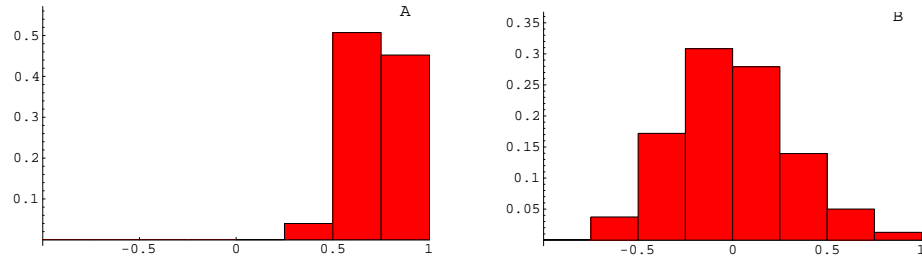


Figure 3: The effect of the normalization procedure *QUANT* as applied to the SIMU3N data. A: before normalization, B: after normalization.