

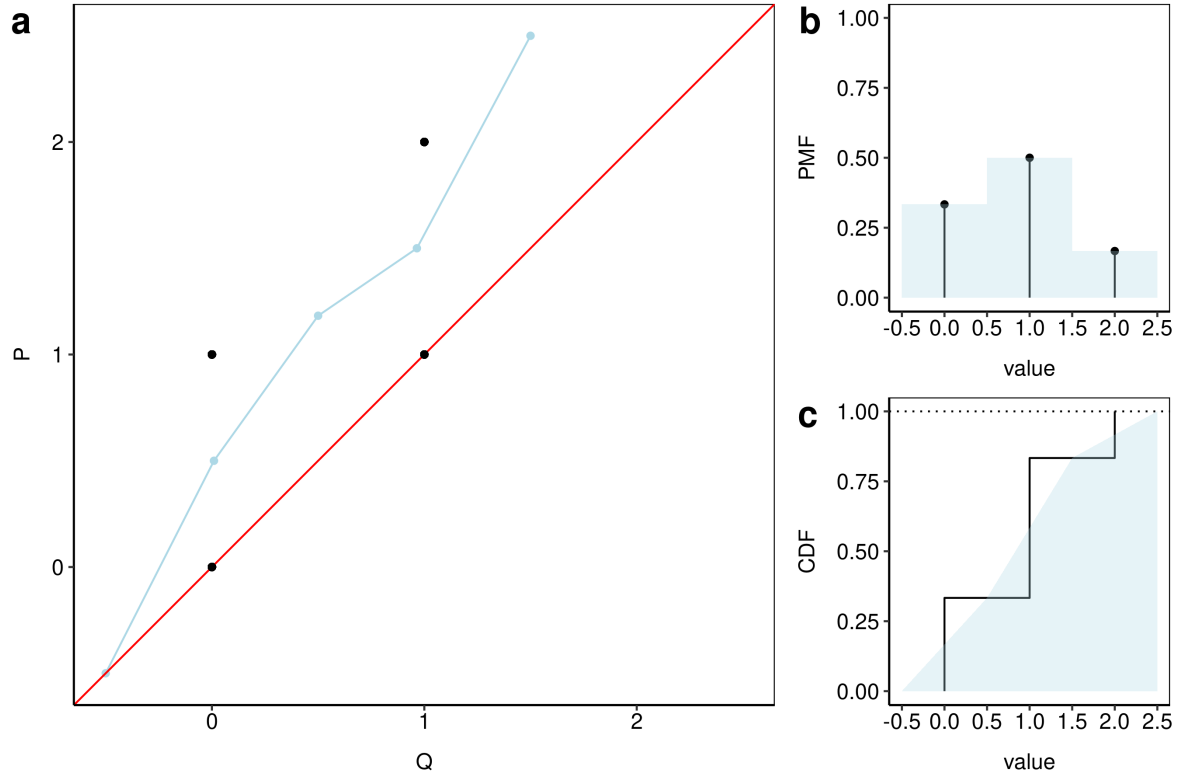


Figure S4: *Continuity correction* for point mass function (PMF) and Q-Q plot developed for small discrete counts. The black dots in panel a show all the conventional Q-Q points piled up at a few small integers. PMF for distribution P (blue shaded area as *continuous approximation*) is shown in panel b. The CDF for the same distribution P (blue shaded area as *continuous approximation*) is shown in panel c. The blue curve in panel a is the corresponding Q-Q plot comparing two discrete distributions P and Q after *continuity correction* and linear interpolation. It provides a more informative way of comparing distributions with small discrete counts.