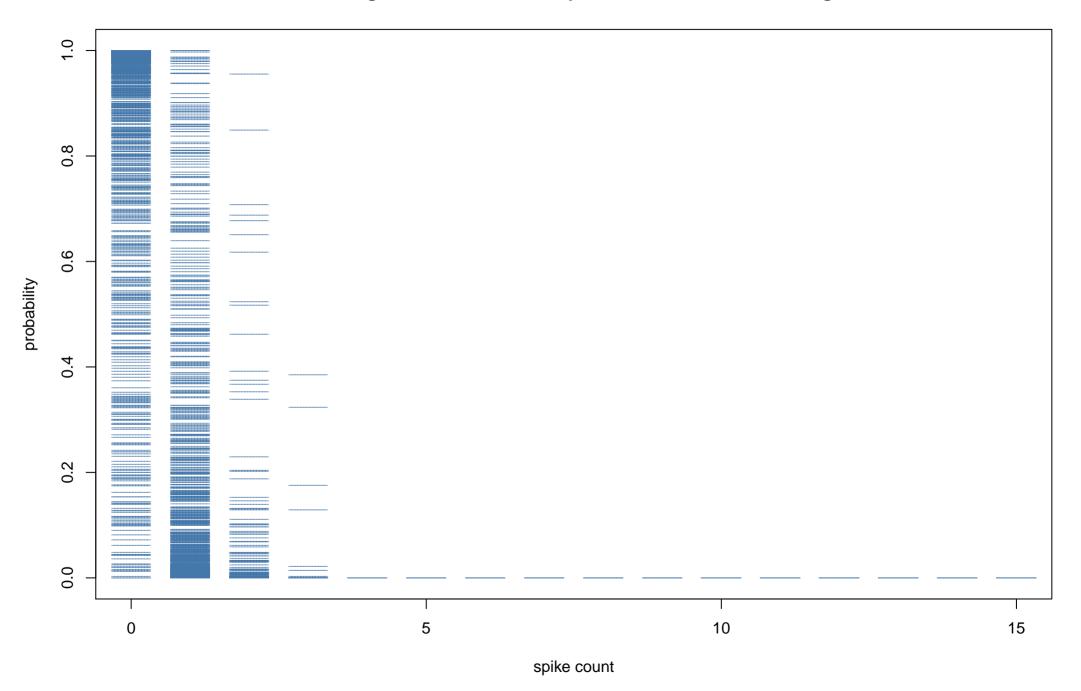Base distr: geometric with mean spike count = 40 Hz. Base weight = 1