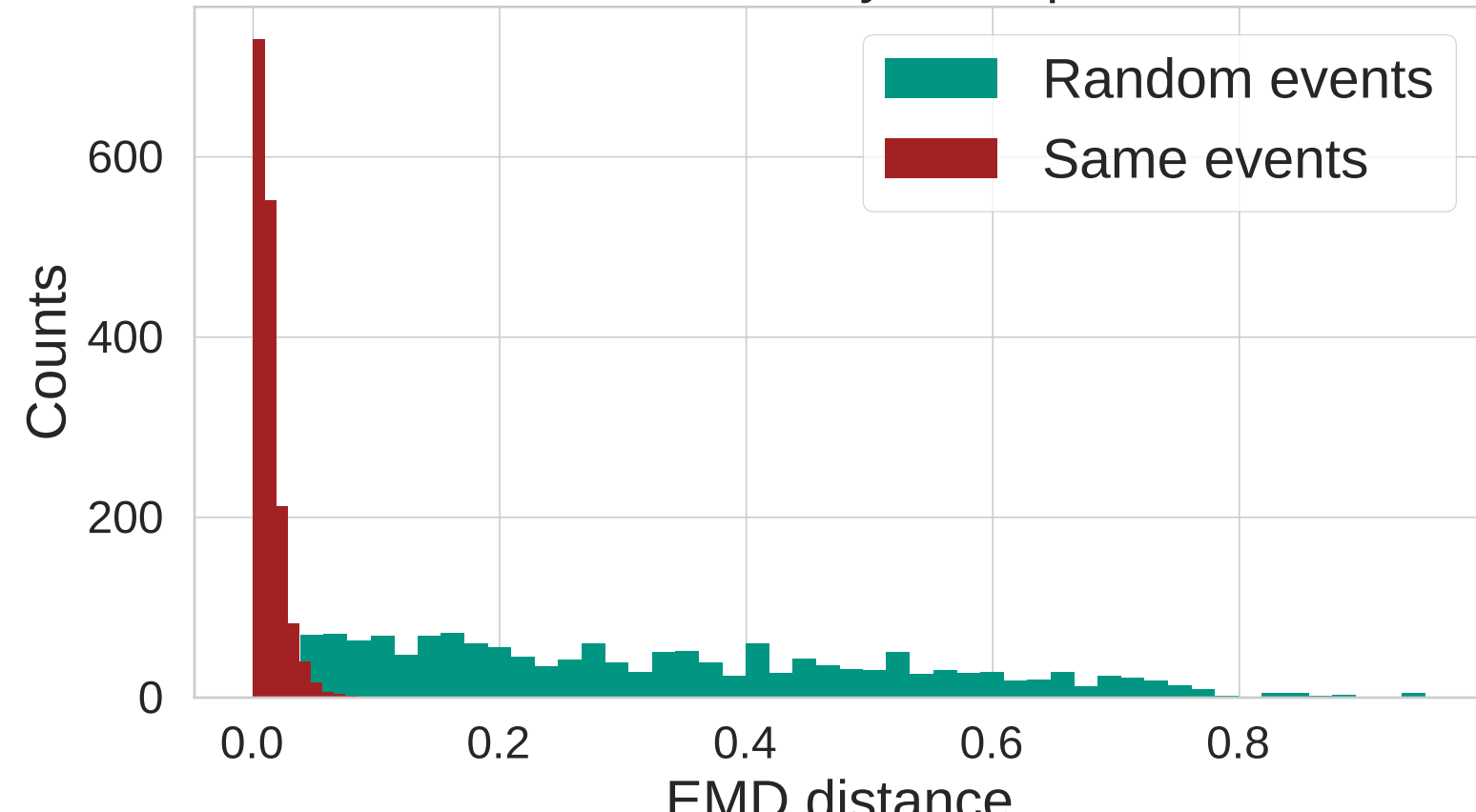


EMD distance of  $y$  - 100 photons



EMD distance of  $y$  - 7000 photons

