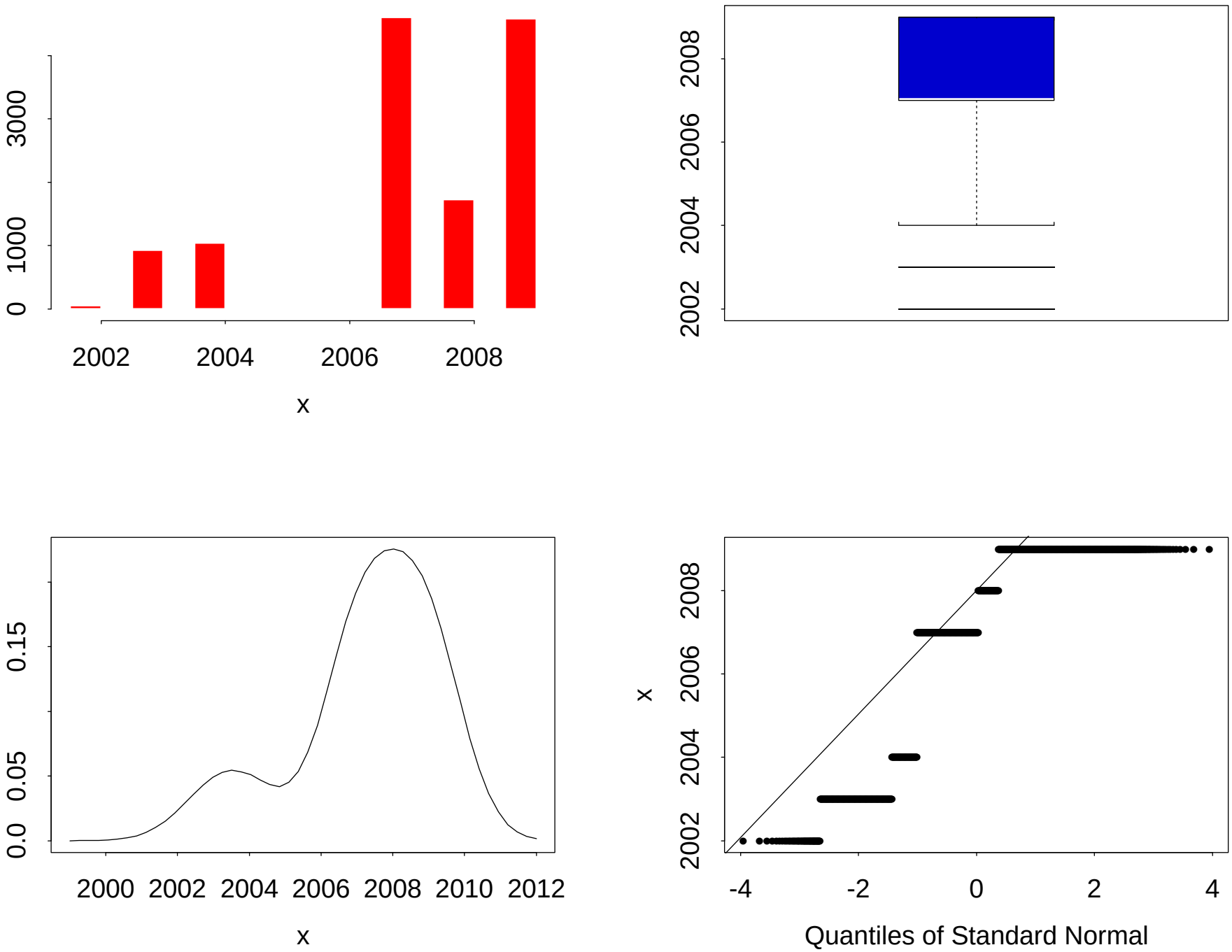DIC Time Distribution