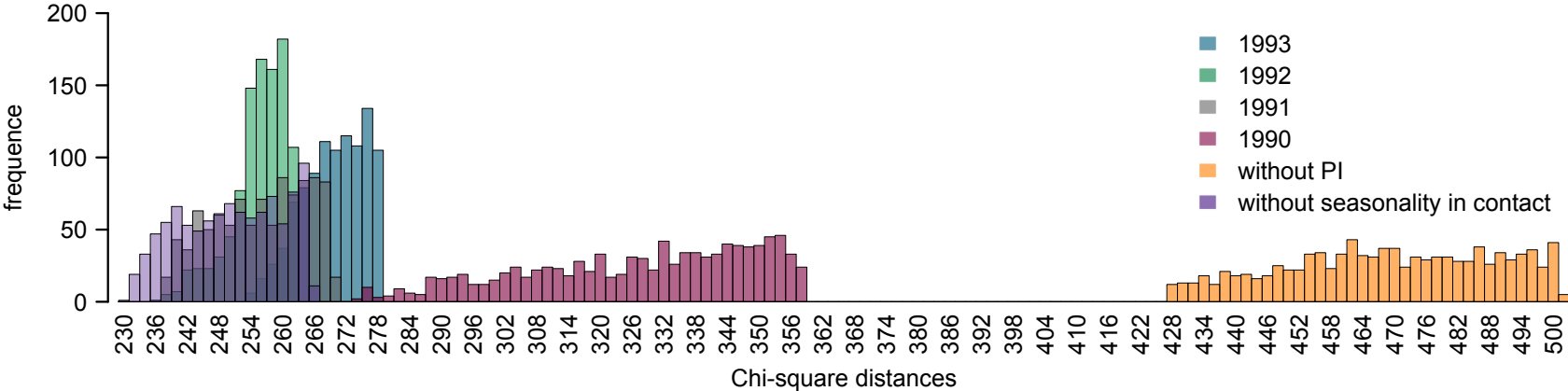


Additional file 5 - Parameters estimation by ABC



Distributions of distances between simulated and observed data, using the 1% rejection threshold, depending on the year of virus introduction (red : 1990, grey : 1991, green : 1992, blue : 1993, in yellow simulation without the existence of persistently infected animal with an introduction of the virus in 1991, and in purple simulation with homogeneous contacts and an introduction of the virus in 1991).