**Figure legends**

**Main Figures**

**Figure 1: PRISMA Flow Diagram**

**Figure 2. Characteristics of included references**

1. Map of the proportion of references included by country.
2. Proportion of references Included by Study Design.
3. Proportion of references included by each epidemiological parameter.

**Figure 3: Results of the parameters related to transmission of mpox**

1. Incubation period
2. Serial interval
3. Generation time
4. Basic reproduction number (R0)
5. Effective reproduction number (Rt)

Figure 4: Results of the Case Fatality Rate (CFR)

1. All included studies.
2. Subgroup analysis by continent (Global, Americas, Europe, Africa)

Supplementary figures

**Supplementary figure 1: Results of the quality assessment by study design**

**Supplementary figure 2: Subgroup analysis of Incubation Period by study design**

1. Mathematical models
2. Nonmathematical models