

## Logical Form of the Covid - Climate Crisis Argument

Let:

P = "Covid is a public health crisis"

Q = "Climate Crisis is a public health crisis"

R = "Governments respond quickly to a public health crisis"

The argument:

If "Covid is a public health crisis" then "Governments respond quickly to a public health crisis" ( P  $\rightarrow$  R )

if "Climate Crisis is a public health crisis" then "Governments respond quickly to a public health crisis" ( Q  $\rightarrow$  R )

If "Covid is a public health crisis" then "Climate Crisis is a public health crisis" ( P  $\rightarrow$  Q )

Therefore "Governments respond quickly to a public health crisis" (  $\models$  R )

The Truth Table for the argument:

	P	Q	R	P $\rightarrow$ R	Q $\rightarrow$ R	P $\rightarrow$ Q	$\models$ R
1	T	T	T	T	T	T	T
2	T	T	F	F	F	T	F
3	T	F	T	T	T	F	T
4	T	F	F	F	F	F	F
5	F	T	T	T	T	T	T
6	F	T	F	T	F	T	F
7	F	F	T	T	T	T	T
8	F	F	F	T	T	T	F

In line 8 there is a counterargument ( premises are true but the conclusion is false ) therefore it is a logically invalid argument. A counterexample could be in the case of war.