Relativistic time travel

only forward

\[ a \]

\[ b \quad \text{v} \ll c, \text{ time slows} \]

self-consistent

super deterministic

\[ \text{no free will} \]

changed history

\[ \text{do-over travel} \]
groundhog travel

choices

free

Christmas Carol travel (do-over)

H dies

H lives

twin histories

twin, no free will

b twin, choice

(humor robot)
multiple history, act of true travel forces new history

memory reload history

b has memory of past events, but does not act
Prime history

loops in loop
travelers interact
(takes time to travel)
(only travel back to time machine)

No generation history

two sets a & b
a no free will
b must do actions to not change past

rules: logical consistency, no conservation laws