

If marginal propensity to consume halves and investment and all other things remain unchanged then consumption halves and this lead to saving doubles.

$$c' = \frac{C}{Y}$$

$$Y = \text{const}$$

$$c' \downarrow \times 2 \rightarrow C \downarrow \times 2$$

$$Y = C + S$$

$$C \downarrow \times 2 \rightarrow S \uparrow \times 2$$

$$c' \downarrow \times 2 \rightarrow C \downarrow \times 2 \rightarrow S \uparrow \times 2$$