

The Components of Aggregate Expenditures

$$C \equiv \text{intercept} + \text{MPC}_x Y$$

G \equiv Fixed-value

|

=

Fixed

value

N \equiv Fixed-value

We will use the following values for this example:

C

=

1000

+

0.99

G

=

500

billion

1 = 1,000 billion

N = 500 billion

Exports(X) do NOT
depend on U.S. Income:

X

=

800

00

00

b

i

i

i

i

o

n

Net Exports($X-M$)

do NOT depend on
Income:

NX = 800 - 500 = 300

~~x~~ = Fixed value

$$C \equiv (a + b)(Tr - Tx) + bY$$



Intercept:A

The Components of Aggregate Expenditures

C = intercept + $MPC_x Y$

$$C = \underbrace{(a + b(T_r - T_x))}_{\text{Intercept: A}} + bY$$

G = Fixed value

I = Fixed value

Exports(X) do NOT
depend on U.S. Income:

M = Fixed value

X = Fixed value

We will use the following values for this example:

$$C = 100 + 0.9Y$$

$$G = 500 \text{ billion}$$

$$I = 1,000 \text{ billion}$$

$$M = 500 \text{ billion}$$

Net Exports(X-M)

do NOT depend on
Income:

$$NX = 800 - 500 = 300$$

$$X = 800 \text{ billion}$$

