

## lmtr.gce

### Attributes

```
mainvars: x y  
rparms: xmin=-1 xmax=1
```

### Description

lmtr.gce limits the value of the output variable  $y$  if the input variable  $x$  is outside a certain range. Specifically,

$$\begin{aligned} y &= \text{xmin} && \text{if } x < \text{xmin}, \\ &= \text{xmax} && \text{if } x > \text{xmax}, \\ &= x && \text{otherwise.} \end{aligned}$$

The input-output relation is as shown in Fig. 1. Note that there are no restrictions on  $\text{xmin}$  and  $\text{xmax}$  except  $\text{xmin} < \text{xmax}$ .

AC behaviour is not implemented.

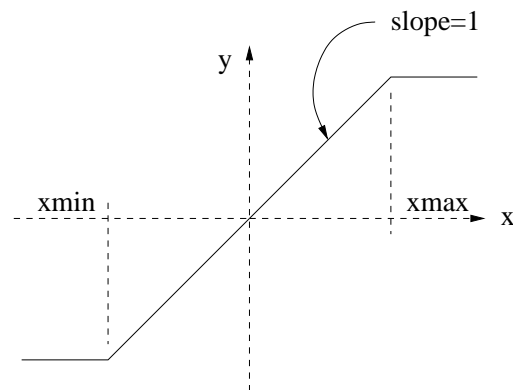


Figure 1: lmtr.gce: input-output relationship.