Synchronization

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Suppose we have the following table, where all numbers represent the number of animals slaughtered under each particular commodity:

commodity	value	flag
Cattle	1000	
Meat of Cattle	950	C
Offals of Cattle	0	M
Hides and Skins of Cattle	1000	C
Fat of Cattle	0	M

The "Synchronized Slaughtered" R module can be used to synchronize the values across all these commodities. For example, suppose this country has a shares table like below:

parent	child	share
Cattle	Meat	85
Cattle	Offals	100
Cattle	Hides and Skins	100
Cattle	Fat	0

Then, the table becomes

commodity	value	flag
Cattle	1000	
Meat of Cattle	850	
Offals of Cattle	1000	
Hides and Skins of Cattle	1000	
Fat of Cattle	0	M

In other words, if the animal number is not missing and if a non-zero share exists then the value and flags for animals slaughtered of the animal commodity is copied to the product(s). In the case of missing data for the number of animals slaughtered under the animal element, nothing is done. For example, the following table will not be adjusted by the module:

commodity	value	flag
Cattle	0	M
Meat of Cattle	950	C
Offals of Cattle	0	M
Hides and Skins of Cattle	1000	C
Fat of Cattle	0	M