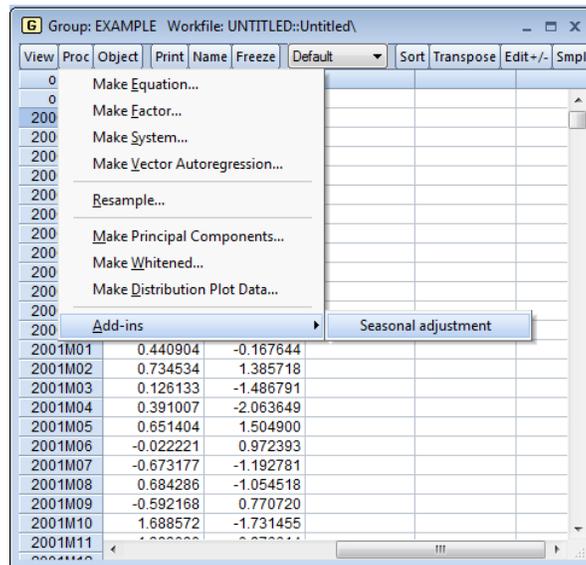


**Package name:** GroupX12  
**Author:** Nicolas Ronderos Pulido.<sup>1</sup>  
**Date:** October 30, 2013  
**Add-in type:** Group object  
**Default proc name:** seasg  
**Default menu text:** GroupX12

## Description

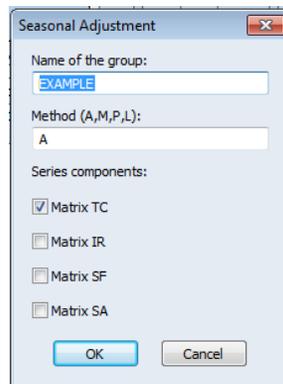
This Eviews add-in allows the user to perform the standard Census X-12 seasonal adjustment method to multiple series simultaneously. The input is a group object and the output is a matrix object with all the adjusted series.

Here will be described how to use the add-in. To use the add-in just follow the steps showed below.



In the next window, you can choose the method to adjust the group of series where:

- **A: Additive**
- **M: Multiplicative**
- **P: Pseudo-additive**
- **L: Log-additive**



And also you can choose the output matrices, that is, the trend component (TC), the irregular component (IR), the seasonal factors (SF) and the seasonally adjusted series (SA). The order of columns of the output matrix will be the same as the input group.

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