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A new chemometric software for non-chimiometricians

**ChemoSoft® is a fully graphical software dedicated to shaping and treatment of physicochemical data, spectroscopic and sensory.** Designed for non-chemometricians or non-statisticians, it provides a statistical and chemometric tools together gradually, depending on the objectives dictated by the user (exploration, classification, regression, data preprocessing or simply display raw or preprocessed data).

- **Main form (3 active tabs)**
- **Chemometric Wizard (CheWiz), build your chemometric process**
- **Selecting a target process to go to the appropriate tools (Exploration, classification, regression, preprocessing, visualization…)**
- **Dedicated to data mining tools**
- **Tools for linear regression**
- **Classification tools**
- **Data preprocessing (15 ≠)**
- **Reuse of pre-recorded patterns**
- **Showing results using Drag & Drop**

ChemoSoft® uses SAISIR® package **

Visit our website and order a demo version at: www.chimiometrie.fr/saisir_request.html

ChemoSoft® v1.0

The workspace of ChemoSoft® is linked to that of Matlab. Matlab runs a special memory area called “Workspace” in which all objects (matrices, vectors, cells, structures, string…) are stored in a session.

ChemoSoft® is sharing this memory area with Matlab via a specific communication called “COM Automation”. To do this, Matlab must operate as a COM server. COM is used in applications such as the products of Microsoft Office family. For example, “OLE COM” technology allows Word documents to dynamically link to data in Excel spreadsheets and “COM Automation” allows users to create scripts in their applications to perform repetitive tasks or control of an application by another.

Finally, you use Matlab objects without needing to know its syntax or its operations, and you enjoy its computing power.

**Christophe B.Y. Cordella, Dominique Bertrand. SAISIR: a new general chemometric toolbox. Trends in Analytical Chemistry, 2014, 54, 75-82. The article contains the link to freely download the toolbox.**