

Introduction

This tutorial is going to describe comparing different data sets. In this example, we're going to compare data between various subjects.

Download

The sample files can be downloaded [here](#).

- Data:
 - Sub 01 CMZ
 - Sub 02 CMZ
 - Sub 03 CMZ
- Scripts:
 - Tag.v3s (Example script that can be used to tag the files)
 - Tag_Loop.v3s (Example script that can be used to tag the files using a For_Each loop)
 - Overlay.v3s (Example script that can be used to overlay the report template with another subject)
 - Overlay_Loop.v3s (Example script that can be used to overlay the report template with another subject using a For_Each loop)
- Report Templates:
 - Report_Template_ALL_FILES.rgt
 - Report_Template_Sub_01.rgt

Prepare the Workspace

The first step is to load the data. It's recommended that you use the CMO Library to view multiple CMZ files at once. Many users simply choose to do a File → Open if they're viewing two small files. This option works for smaller data sets, but it's really recommended to use the CMO Library instead.

View files using the CMZ Library

1. **CMO Library → Set CMO Library Path**
 1. Select **..\Comparing Data Sets\Data folder**
 2. Click **OK**
2. **CMO Library → Browse CMO Library**
 1. Select **Yes**

[More detailed instructions to load the CMO Library can be found here.](#)

D. **Save report template** (ex. Report_Template_Sub_01.rgt)

2. Overlay other subject's data

The step to overlay the subject data can be done manually (as described below), or using the pipeline (ex. provided scripts from download Overlay.v3s or Overlay_Loop.v3s).

A. Overlay Sub_02 on top of Sub_01 a. **Overlay Report:**

a1. Page No: ALL_PAGES	
a2. Identifier Type: TAG_NAME	
a3. Identifier Value: Sub_01	
a4. New Tag: Sub_02	
a5. New Color: Blue	

B. Overlay Sub_03 on top of Sub_01 a. **Overlay Report:** a1. Page No: **ALL_PAGES** a2. Identifier Type: **TAG_NAME** a3. Identifier Value: **Sub_01** a4. New Tag: **Sub_03** a5. New Color: **Cyan** C. Display the tag name in the Legend of the report

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