```xml
<scenario>
<AnalysisScenario id="AS3">
    <Step id="1" name="features selection" supervisedBy="OEM">
        <Task id="1" name="internal and external temperatures
features selection with factor analysis" />
    </Step>
    <Step id="2" name="displacements prediction"
supervisedBy="OEM">
            <Task id="1" name="create dataset with internal
temperatures, external temperatures, displacements" />
        <Task id="2" name="train-test dataset split" />
        <Task id="3" name="regression coefficients calculation
with multiple linear regression analysis (MLRA)" />
        <Task id="4" name="calculation of predicted displacements"
/>
    </Step>
    <Step id="3" name="comparison of predicted vs real
displacements" supervisedBy="OEM">
        <Task id="1" name="calculation of pearson correlation" />
            <Task id="2" name="calculation of mean root squared
error" />
    </Step>
</AnalysisScenario>
</scenario>
```

Consider the definitions (between) of step and task as well as of inclusion,
extension and specialisation between pairs of analysis scenarios.

<definitions>
An analysis scenario is composed of steps and each step is
accomplished through a series of tasks. You can think of a step as
a macro-group of affine tasks.

Specialisation relationship between scenarios: indicates that a
scenario adds several steps/tasks with respect to another
scenario.
Extension relationship between scenarios: to emphasise that a
scenario presents a list of steps/tasks that is a variation of the
steps/tasks of another scenario.
Inclusion relationship between scenarios: indicates that a
scenario is included in other scenarios by specifying that the
steps/tasks within one scenario are inclusive of the steps/tasks
in other ones.
</definitions>

Based on the definitions between <definitions> </definitions>, and
the analysis scenarios provided in the uploaded files, suggest me

Based on the definitions provided and the analysis scenarios in
the uploaded files, the analysis scenarios that include the one
delimited by <scenario></scenario> (AS3) according to the
definition of "inclusion" relationship are:

AS1.xml
AS2.xml
Both AS1 and AS2 include the steps and tasks from AS3.

AS1.xml:
```
<steps>
    <Step id="1" name="collection of measures"
supervisedBy="Client company">
        <tasks>
            <Task id="1" name="internal temperature sensors data
collection" />
            <Task id="2" name="external temperature sensors data
collection" />
            <Task id="3" name="Displacements comparators data
collection" />
            <Task id="4" name="Data shaping - internal
temperatures" />
            <Task id="5" name="Data shaping - external
temperatures" />
            <Task id="6" name="Data shaping - displacements" />
        </tasks>
    </Step>
    <Step id="2" name="interpolation of measures"
supervisedBy="OEM">
        <tasks>
            <Task id="1" name="Timestamp alignment" />
            <Task id="2" name="Linear interpolation - external
temperatures" />
            <Task id="3" name="Linear interpolation -
displacements" />
            <Task id="4" name="merge internal and external
temperatures datasets" />
        </tasks>
    </Step>
```

```xml
    <Step id="3" name="features selection" supervisedBy="OEM">
        <tasks>
            <Task id="1" name="internal and external temperatures
features selection with factor analysis" />
        </tasks>
    </Step>
    <Step id="4" name="displacements prediction"
supervisedBy="OEM">
        <tasks>
            <Task id="1" name="create dataset with internal
temperatures, external temperatures, displacements" />
            <Task id="2" name="train-test dataset split" />
            <Task id="3" name="regression coefficients calculation
with multiple linear regression analysis (MLRA)" />
            <Task id="4" name="calculation of predicted
displacements" />
        </tasks>
    </Step>
    <Step id="5" name="comparison of predicted vs real
displacements" supervisedBy="OEM">
        <tasks>
            <Task id="1" name="calculation of pearson correlation"
/>
            <Task id="2" name="calculation of mean root squared
error" />
        </tasks>
    </Step>
</steps>

AS2.xml:

<steps>
    <Step id="1" name="collection of measures"
supervisedBy="Client company">
        <tasks>
            <Task id="1" name="internal temperature sensors data
collection" />
            <Task id="2" name="external temperature sensors data
collection" />
            <Task id="3" name="Displacements comparators data
collection" />
            <Task id="4" name="Data shaping - internal
temperatures" />
            <Task id="5" name="Data shaping - external
temperatures" />
            <Task id="6" name="Data shaping - displacements" />
        </tasks>
    </Step>
```

```xml
    <Step id="2" name="data anonymisation" supervisedBy="Client
company">
        <tasks>
            <Task id="1" name="remove references to plant
location" />
        </tasks>
    </Step>
    <Step id="3" name="interpolation of measures"
supervisedBy="OEM">
        <tasks>
            <Task id="1" name="Timestamp alignment" />
            <Task id="2" name="Linear interpolation - external
temperatures" />
            <Task id="3" name="Linear interpolation -
displacements" />
            <Task id="4" name="merge internal and external
temperatures datasets" />
        </tasks>
    </Step>
    <Step id="4" name="features selection" supervisedBy="OEM">
        <tasks>
            <Task id="1" name="internal and external temperatures
features selection with factor analysis" />
        </tasks>
    </Step>
    <Step id="5" name="displacements prediction"
supervisedBy="OEM">
        <tasks>
            <Task id="1" name="create dataset with internal
temperatures, external temperatures, displacements" />
            <Task id="2" name="train-test dataset split" />
            <Task id="3" name="regression coefficients calculation
with multiple linear regression analysis (MLRA)" />
            <Task id="4" name="calculation of predicted
displacements" />
        </tasks>
    </Step>
    <Step id="6" name="comparison of predicted vs real
displacements" supervisedBy="OEM">
        <tasks>
            <Task id="1" name="calculation of pearson correlation"
/>
            <Task id="2" name="calculation of mean root squared
error" />
        </tasks>
    </Step>
</steps>
```