```
<ModelDefinition>

    <ParameterModel blkId="pm1">

        <!-- all input comes from dataset in TrialDesign -->

        <PopulationParameter symbId="p"/>

        <PopulationParameter symbId="POP_K">
            <ct:VariabilityReference>
                <ct:SymbRef symbIdRef="pop" blkIdRef="model"/>
            </ct:VariabilityReference>
            <Distribution>
                <po:ProbOnto name="RandomSample">
                    <po:Parameter name="weight">
                        <ct:Assign>
                            <ct:SymbRef symbIdRef="p"/>
                        </ct:Assign>
                    </po:Parameter>
                </po:ProbOnto>
            </Distribution>
        </PopulationParameter>

        <PopulationParameter symbId="POP_V">
            <ct:VariabilityReference>
                <ct:SymbRef symbIdRef="pop" blkIdRef="model"/>
            </ct:VariabilityReference>
            <Distribution>
                <po:ProbOnto name="RandomSample">
                    <po:Parameter name="weight">
                        <ct:Assign>
                            <ct:SymbRef symbIdRef="p"/>
                        </ct:Assign>
                    </po:Parameter>
                </po:ProbOnto>
            </Distribution>
        </PopulationParameter>
        ...
    <ParameterModel/>

</ModelDefinition>
```

```
<TrialDesign>

    <ExternalDataSet oid="RdataSet">
        <ColumnMapping>
            <ColumnRef columnIdRef="bins_POP_K"/>
            <ct:SymbRef blkIdRef="pm1" symbIdRef="POP_K"/>
        </ColumnMapping>
        <ColumnMapping>
            <ColumnRef columnIdRef="bins_POP_V"/>
            <ct:SymbRef blkIdRef="pm1" symbIdRef="POP_V"/>
        </ColumnMapping>
        <ColumnMapping>
            <ColumnRef columnIdRef="p_POP_K_V"/>
            <ct:SymbRef blkIdRef="pm1" symbIdRef="p"/>
        </ColumnMapping>
        <DataSet>
            <Definition>
                <Column columnId="bins_POP_K" valueType="real" columnNum="1"/>
                <Column columnId="bins_POP_V" valueType="real" columnNum="2"/>
                <Column columnId="p_POP_K_V" valueType="real" columnNum="3"/>
            </Definition>
            <Table>
                <Row><ct:Real>8</ct:Real><ct:Real>0.10</ct:Real><ct:Real>0.25</ct:Real></Row>
                <Row><ct:Real>14</ct:Real><ct:Real>0.23</ct:Real><ct:Real>0.25</ct:Real></Row>
                <Row><ct:Real>32</ct:Real><ct:Real>0.3</ct:Real><ct:Real>0.5</ct:Real></Row>
            </Table>
        </DataSet>
    </ExternalDataSet>

</TrialDesign>
```