OpenGAImodel修改後.xml

```xml
<?xml version="1.0" encoding="UTF-8"?>
<fuzzySystem xmlns="http://www.ieee1855.org" name="GAI" networkAddress="127.0.0.1">
    <knowledgeBase networkAddress="127.0.0.1">
        <fuzzyVariable name="Distance" domainleft="0.0" domainright="255.0" type="input" accumul
            <fuzzyTerm name="near" complement="false">
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            </fuzzyTerm>
            <fuzzyTerm name="medium" complement="false">
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            </fuzzyTerm>
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                <trapezoidShape param1="150" param2="180" param3="255" param4="255"/>
            </fuzzyTerm>
        </fuzzyVariable>
        <fuzzyVariable name="Light" domainleft="0.0" domainright="4000" type="input" accumulatic
            <fuzzyTerm name="dark" complement="false">
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            </fuzzyTerm>
            <fuzzyTerm name="medium" complement="false">
                <trapezoidShape param1="1100" param2="1200" param3="2000" param4="2100"/>
            </fuzzyTerm>
            <fuzzyTerm name="bright" complement="false">
                <trapezoidShape param1="2000" param2="2100" param3="4000" param4="4000"/>
            </fuzzyTerm>
        </fuzzyVariable>
        <fuzzyVariable name="HEGAIText" domainleft="0.0" domainright="10" type="input" accumulat
            <fuzzyTerm name="low" complement="false">
                <trapezoidShape param1="0" param2="0" param3="5" param4="6"/>
            </fuzzyTerm>
            <fuzzyTerm name="medium" complement="false">
                <trapezoidShape param1="5" param2="6" param3="7" param4="8"/>
            </fuzzyTerm>
            <fuzzyTerm name="high" complement="false">
                <trapezoidShape param1="7" param2="8" param3="10" param4="10"/>
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        </fuzzyVariable>
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        <fuzzyTerm name="medium" complement="false">
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    </fuzzyVariable>
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        <fuzzyTerm name="poor" complement="false">
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        </fuzzyTerm>
        <fuzzyTerm name="medium" complement="false">
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            <trapezoidShape param1="7" param2="8" param3="10" param4="10"/>
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            <clause>
                <variable>Light</variable>
                <term>dark</term>
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                <term>low</term>
            </clause>
            <clause>
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                <term>low</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
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```

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                    <term>poor</term>
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            <clause>
                <variable>Light</variable>
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            <clause>
                <variable>HEGAIText</variable>
                <term>low</term>
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                <term>medium</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
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                </clause>
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        </consequent>
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            <clause>
                <variable>Light</variable>
                <term>dark</term>
            </clause>
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        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
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        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
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            </clause>
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            <clause>
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                <term>dark</term>
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                <term>medium</term>
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                <term>medium</term>
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        </antecedent>
        <consequent>
            <then>
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                    <term>poor</term>
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            <clause>
                <variable>Light</variable>
                <term>dark</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
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                <term>medium</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>high</term>
            </clause>
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        <consequent>
            <then>
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            <clause>
                <variable>Light</variable>
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            <clause>
                <variable>HEGAIText</variable>
                <term>high</term>
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            <clause>
                <variable>HEGAIImage</variable>
                <term>low</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
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                    <term>poor</term>
                </clause>
            </then>
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```xml
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                    <variable>Light</variable>
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                </clause>
                <clause>
                    <variable>HEGAIText</variable>
                    <term>high</term>
                </clause>
                <clause>
                    <variable>HEGAIImage</variable>
                    <term>medium</term>
                </clause>
            </antecedent>
            <consequent>
                <then>
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                        <term>medium</term>
                    </clause>
                </then>
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                </clause>
                <clause>
                    <variable>Light</variable>
                    <term>dark</term>
                </clause>
                <clause>
                    <variable>HEGAIText</variable>
                    <term>high</term>
                </clause>
```

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        <clause>
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            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
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    </consequent>
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        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
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                <term>poor</term>
            </clause>
        </then>
    </consequent>
</rule>
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        <term>near</term>
    </clause>
    <clause>
        <variable>Light</variable>
        <term>medium</term>
    </clause>
    <clause>
        <variable>HEGAIText</variable>
        <term>low</term>
    </clause>
    <clause>
        <variable>HEGAIImage</variable>
        <term>medium</term>
    </clause>
</antecedent>
<consequent>
    <then>
        <clause>
            <variable>GAIFit</variable>
            <term>poor</term>
        </clause>
    </then>
</consequent>
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        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
```

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                    <term>high</term>
                </clause>
            </antecedent>
            <consequent>
                <then>
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                    </clause>
                </then>
            </consequent>
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                <clause>
                    <variable>Light</variable>
                    <term>medium</term>
                </clause>
                <clause>
                    <variable>HEGAIText</variable>
                    <term>medium</term>
                </clause>
                <clause>
                    <variable>HEGAIImage</variable>
                    <term>low</term>
                </clause>
            </antecedent>
            <consequent>
                <then>
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                        <term>poor</term>
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```xml
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            </clause>
            <clause>
                <variable>Light</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>medium</term>
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        </antecedent>
        <consequent>
            <then>
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            <clause>
                <variable>Light</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>high</term>
            </clause>
```

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        </antecedent>
        <consequent>
            <then>
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                    <term>medium</term>
                </clause>
            </then>
        </consequent>
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            <clause>
                <variable>Light</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>high</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>low</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
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                    <term>poor</term>
                </clause>
            </then>
        </consequent>
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```

```xml
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
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        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
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            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
```

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        <then>
            <clause>
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                <term>good</term>
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        </then>
    </consequent>
</rule>
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        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
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            </clause>
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        </clause>
        <clause>
```

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                <variable>Light</variable>
                <term>bright</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>low</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>medium</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
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            </then>
        </consequent>
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            </clause>
            <clause>
                <variable>Light</variable>
                <term>bright</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>low</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>high</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
```

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        </then>
    </consequent>
</rule>
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        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>
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        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
```

```xml
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>medium</term>
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        </antecedent>
        <consequent>
            <then>
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            </clause>
            <clause>
                <variable>Light</variable>
                <term>bright</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>high</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>medium</term>
```

```xml
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    </consequent>
</rule>
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            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
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            <term>near</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
```

```xml
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
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                <term>medium</term>
            </clause>
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        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>good</term>
            </clause>
        </then>
```

```xml
                </consequent>
        </rule>
        <rule name="RULE-28" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
            <antecedent>
                <clause>
                    <variable>Distance</variable>
                    <term>medium</term>
                </clause>
                <clause>
                    <variable>Light</variable>
                    <term>dark</term>
                </clause>
                <clause>
                    <variable>HEGAIText</variable>
                    <term>low</term>
                </clause>
                <clause>
                    <variable>HEGAIImage</variable>
                    <term>low</term>
                </clause>
            </antecedent>
            <consequent>
                <then>
                    <clause>
                        <variable>GAIFit</variable>
                        <term>poor</term>
                    </clause>
                </then>
            </consequent>
        </rule>
        <rule name="RULE-29" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
            <antecedent>
                <clause>
                    <variable>Distance</variable>
                    <term>medium</term>
                </clause>
                <clause>
                    <variable>Light</variable>
                    <term>dark</term>
                </clause>
                <clause>
                    <variable>HEGAIText</variable>
                    <term>low</term>
```

```xml
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>medium</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>poor</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-30" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
            <clause>
                <variable>Distance</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>Light</variable>
                <term>dark</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>low</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>high</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>medium</term>
                </clause>
            </then>
        </consequent>
    </rule>
```

```xml
<rule name="RULE-31" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-32" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
```

```xml
                <variable>HEGAIImage</variable>
                <term>medium</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>medium</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-33" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
            <clause>
                <variable>Distance</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>Light</variable>
                <term>dark</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>high</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>medium</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-34" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
```

```xml
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-35" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
```

```xml
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>medium</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-36" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
            <clause>
                <variable>Distance</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>Light</variable>
                <term>dark</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>high</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>high</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>good</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-37" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
            <clause>
                <variable>Distance</variable>
```

```xml
                    <term>medium</term>
                </clause>
                <clause>
                    <variable>Light</variable>
                    <term>medium</term>
                </clause>
                <clause>
                    <variable>HEGAIText</variable>
                    <term>low</term>
                </clause>
                <clause>
                    <variable>HEGAIImage</variable>
                    <term>low</term>
                </clause>
            </antecedent>
            <consequent>
                <then>
                    <clause>
                        <variable>GAIFit</variable>
                        <term>poor</term>
                    </clause>
                </then>
            </consequent>
        </rule>
        <rule name="RULE-38" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
            <antecedent>
                <clause>
                    <variable>Distance</variable>
                    <term>medium</term>
                </clause>
                <clause>
                    <variable>Light</variable>
                    <term>medium</term>
                </clause>
                <clause>
                    <variable>HEGAIText</variable>
                    <term>low</term>
                </clause>
                <clause>
                    <variable>HEGAIImage</variable>
                    <term>medium</term>
                </clause>
            </antecedent>
```

```xml
                <consequent>
                    <then>
                        <clause>
                            <variable>GAIFit</variable>
                            <term>poor</term>
                        </clause>
                    </then>
                </consequent>
    </rule>
    <rule name="RULE-39" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
            <clause>
                <variable>Distance</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>Light</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>low</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>high</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>medium</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-40" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
            <clause>
                <variable>Distance</variable>
                <term>medium</term>
            </clause>
```

```xml
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-41" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
```

```xml
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-42" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-43" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
```

```xml
                    <term>medium</term>
                </clause>
                <clause>
                    <variable>HEGAIText</variable>
                    <term>high</term>
                </clause>
                <clause>
                    <variable>HEGAIImage</variable>
                    <term>low</term>
                </clause>
            </antecedent>
            <consequent>
                <then>
                    <clause>
                        <variable>GAIFit</variable>
                        <term>medium</term>
                    </clause>
                </then>
            </consequent>
        </rule>
        <rule name="RULE-44" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
            <antecedent>
                <clause>
                    <variable>Distance</variable>
                    <term>medium</term>
                </clause>
                <clause>
                    <variable>Light</variable>
                    <term>medium</term>
                </clause>
                <clause>
                    <variable>HEGAIText</variable>
                    <term>high</term>
                </clause>
                <clause>
                    <variable>HEGAIImage</variable>
                    <term>medium</term>
                </clause>
            </antecedent>
            <consequent>
                <then>
                    <clause>
                        <variable>GAIFit</variable>
```

```xml
                    <term>medium</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-45" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
            <clause>
                <variable>Distance</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>Light</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>high</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>high</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>good</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-46" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
            <clause>
                <variable>Distance</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>Light</variable>
                <term>bright</term>
            </clause>
```

```xml
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-47" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
```

```xml
        </then>
    </consequent>
</rule>
<rule name="RULE-48" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-49" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
```

```xml
                    <term>medium</term>
                </clause>
                <clause>
                    <variable>HEGAIImage</variable>
                    <term>low</term>
                </clause>
            </antecedent>
            <consequent>
                <then>
                    <clause>
                        <variable>GAIFit</variable>
                        <term>poor</term>
                    </clause>
                </then>
            </consequent>
        </rule>
        <rule name="RULE-50" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
            <antecedent>
                <clause>
                    <variable>Distance</variable>
                    <term>medium</term>
                </clause>
                <clause>
                    <variable>Light</variable>
                    <term>bright</term>
                </clause>
                <clause>
                    <variable>HEGAIText</variable>
                    <term>medium</term>
                </clause>
                <clause>
                    <variable>HEGAIImage</variable>
                    <term>medium</term>
                </clause>
            </antecedent>
            <consequent>
                <then>
                    <clause>
                        <variable>GAIFit</variable>
                        <term>medium</term>
                    </clause>
                </then>
            </consequent>
```

```xml
        </rule>
        <rule name="RULE-51" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
            <antecedent>
                <clause>
                    <variable>Distance</variable>
                    <term>medium</term>
                </clause>
                <clause>
                    <variable>Light</variable>
                    <term>bright</term>
                </clause>
                <clause>
                    <variable>HEGAIText</variable>
                    <term>medium</term>
                </clause>
                <clause>
                    <variable>HEGAIImage</variable>
                    <term>high</term>
                </clause>
            </antecedent>
            <consequent>
                <then>
                    <clause>
                        <variable>GAIFit</variable>
                        <term>good</term>
                    </clause>
                </then>
            </consequent>
        </rule>
        <rule name="RULE-52" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
            <antecedent>
                <clause>
                    <variable>Distance</variable>
                    <term>medium</term>
                </clause>
                <clause>
                    <variable>Light</variable>
                    <term>bright</term>
                </clause>
                <clause>
                    <variable>HEGAIText</variable>
                    <term>high</term>
                </clause>
```

```xml
            <clause>
                <variable>HEGAIImage</variable>
                <term>low</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>medium</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-53" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
            <clause>
                <variable>Distance</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>Light</variable>
                <term>bright</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>high</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>medium</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>medium</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-54" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
```

```xml
        <antecedent>
            <clause>
                <variable>Distance</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>Light</variable>
                <term>bright</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>high</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>high</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>good</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-55" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
            <clause>
                <variable>Distance</variable>
                <term>far</term>
            </clause>
            <clause>
                <variable>Light</variable>
                <term>dark</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>low</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
```

```xml
                    <term>low</term>
                </clause>
            </antecedent>
            <consequent>
                <then>
                    <clause>
                        <variable>GAIFit</variable>
                        <term>poor</term>
                    </clause>
                </then>
            </consequent>
        </rule>
        <rule name="RULE-56" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
            <antecedent>
                <clause>
                    <variable>Distance</variable>
                    <term>far</term>
                </clause>
                <clause>
                    <variable>Light</variable>
                    <term>dark</term>
                </clause>
                <clause>
                    <variable>HEGAIText</variable>
                    <term>low</term>
                </clause>
                <clause>
                    <variable>HEGAIImage</variable>
                    <term>medium</term>
                </clause>
            </antecedent>
            <consequent>
                <then>
                    <clause>
                        <variable>GAIFit</variable>
                        <term>poor</term>
                    </clause>
                </then>
            </consequent>
        </rule>
        <rule name="RULE-57" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
            <antecedent>
                <clause>
```

```xml
                    <variable>Distance</variable>
                    <term>far</term>
                </clause>
                <clause>
                    <variable>Light</variable>
                    <term>dark</term>
                </clause>
                <clause>
                    <variable>HEGAIText</variable>
                    <term>low</term>
                </clause>
                <clause>
                    <variable>HEGAIImage</variable>
                    <term>high</term>
                </clause>
            </antecedent>
            <consequent>
                <then>
                    <clause>
                        <variable>GAIFit</variable>
                        <term>medium</term>
                    </clause>
                </then>
            </consequent>
        </rule>
        <rule name="RULE-58" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
            <antecedent>
                <clause>
                    <variable>Distance</variable>
                    <term>far</term>
                </clause>
                <clause>
                    <variable>Light</variable>
                    <term>dark</term>
                </clause>
                <clause>
                    <variable>HEGAIText</variable>
                    <term>medium</term>
                </clause>
                <clause>
                    <variable>HEGAIImage</variable>
                    <term>low</term>
                </clause>
```

```xml
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>poor</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-59" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
            <clause>
                <variable>Distance</variable>
                <term>far</term>
            </clause>
            <clause>
                <variable>Light</variable>
                <term>dark</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>medium</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>medium</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-60" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
            <clause>
                <variable>Distance</variable>
                <term>far</term>
```

```xml
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-61" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>dark</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
```

```xml
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>medium</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-62" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
            <clause>
                <variable>Distance</variable>
                <term>far</term>
            </clause>
            <clause>
                <variable>Light</variable>
                <term>dark</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>high</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>medium</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>medium</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-63" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
            <clause>
                <variable>Distance</variable>
                <term>far</term>
            </clause>
            <clause>
```

```xml
                <variable>Light</variable>
                <term>dark</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>high</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>high</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>good</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-64" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
            <clause>
                <variable>Distance</variable>
                <term>far</term>
            </clause>
            <clause>
                <variable>Light</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>low</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>low</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
```

```xml
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-65" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-66" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
```

```xml
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-67" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
```

```xml
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-68" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-69" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
```

```xml
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>good</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-70" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" network
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>high</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
```

```xml
        </consequent>
    </rule>
    <rule name="RULE-71" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
            <clause>
                <variable>Distance</variable>
                <term>far</term>
            </clause>
            <clause>
                <variable>Light</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>high</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>medium</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>medium</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-72" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
            <clause>
                <variable>Distance</variable>
                <term>far</term>
            </clause>
            <clause>
                <variable>Light</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>high</term>
```

```xml
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>good</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-73" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>low</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>poor</term>
            </clause>
        </then>
    </consequent>
</rule>
```

```xml
<rule name="RULE-74" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-75" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>low</term>
        </clause>
        <clause>
```

```xml
                <variable>HEGAIImage</variable>
                <term>high</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>medium</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-76" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
            <clause>
                <variable>Distance</variable>
                <term>far</term>
            </clause>
            <clause>
                <variable>Light</variable>
                <term>bright</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>medium</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>low</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>medium</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-77" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
```

```xml
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>medium</term>
        </clause>
    </antecedent>
    <consequent>
        <then>
            <clause>
                <variable>GAIFit</variable>
                <term>medium</term>
            </clause>
        </then>
    </consequent>
</rule>
<rule name="RULE-78" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
    <antecedent>
        <clause>
            <variable>Distance</variable>
            <term>far</term>
        </clause>
        <clause>
            <variable>Light</variable>
            <term>bright</term>
        </clause>
        <clause>
            <variable>HEGAIText</variable>
            <term>medium</term>
        </clause>
        <clause>
            <variable>HEGAIImage</variable>
            <term>high</term>
```

```xml
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>good</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-79" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
            <clause>
                <variable>Distance</variable>
                <term>far</term>
            </clause>
            <clause>
                <variable>Light</variable>
                <term>bright</term>
            </clause>
            <clause>
                <variable>HEGAIText</variable>
                <term>high</term>
            </clause>
            <clause>
                <variable>HEGAIImage</variable>
                <term>low</term>
            </clause>
        </antecedent>
        <consequent>
            <then>
                <clause>
                    <variable>GAIFit</variable>
                    <term>medium</term>
                </clause>
            </then>
        </consequent>
    </rule>
    <rule name="RULE-80" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
        <antecedent>
            <clause>
                <variable>Distance</variable>
```

```xml
                    <term>far</term>
                </clause>
                <clause>
                    <variable>Light</variable>
                    <term>bright</term>
                </clause>
                <clause>
                    <variable>HEGAIText</variable>
                    <term>high</term>
                </clause>
                <clause>
                    <variable>HEGAIImage</variable>
                    <term>medium</term>
                </clause>
            </antecedent>
            <consequent>
                <then>
                    <clause>
                        <variable>GAIFit</variable>
                        <term>good</term>
                    </clause>
                </then>
            </consequent>
        </rule>
        <rule name="RULE-81" andMethod="MIN" orMethod="MAX" connector="AND" weight="1.0" networl
            <antecedent>
                <clause>
                    <variable>Distance</variable>
                    <term>far</term>
                </clause>
                <clause>
                    <variable>Light</variable>
                    <term>bright</term>
                </clause>
                <clause>
                    <variable>HEGAIText</variable>
                    <term>high</term>
                </clause>
                <clause>
                    <variable>HEGAIImage</variable>
                    <term>high</term>
                </clause>
            </antecedent>
```

```xml
                    <consequent>
                        <then>
                            <clause>
                                <variable>GAIFit</variable>
                                <term>good</term>
                            </clause>
                        </then>
                    </consequent>
                </rule>
            </mamdaniRuleBase>
        </fuzzySystem>
```