# An XML-Based Model Description Language for Systems Biology Simulations

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Identi	ied	

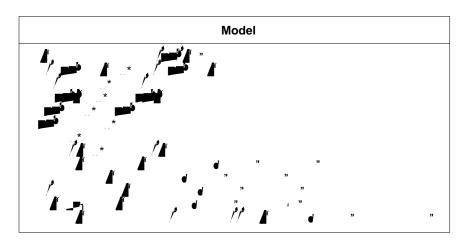


Figure 2: A diagram of Model.

Geometry

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#### 3.8.2 Functions

## **Appendix**

## A Using the XML Encoding of SBML

and the state of t

</body>
</notes>
</re></re>

#### A.4 A Simple Example Application Using Rules

B XML Schema for SBML

```
<xsd: sel ector>l i st0fSpeci es/speci e</xsd: sel ector>
          <xsd: fi el d>@compartment</xsd: fi el d>
   </xsd: keyref>
   <xsd: fi el d>@speci e</xsd: fi el d>
   </xsd: keyref>
   <xsd: keyref name="specieRuleToSpecie" refer="species">
          <xsd: sel ector>l l i st0fRul es/speci eRul e</xsd: sel ector>
          <xsd: fi el d>@speci e</xsd: fi el d>
   </xsd: keyref>
   <xsd: fi el d>@compartment</xsd: fi el d>
   </xsd: keyref>
</xsd: el ement>
<xsd: attribute name="xml ns"/>
<xsd: attribute name="version" type="xsd: positiveInteger" use="required"/>
```

## **E** Summary of Notation

Ī	e	A	e •	Me	F,
		$S_i, k$			v k

I e	A e • Me	F,
<i>t</i> ,	$S, P, A_c, V_f, V_s, Kms, Kmp, Ka$	V

#### References