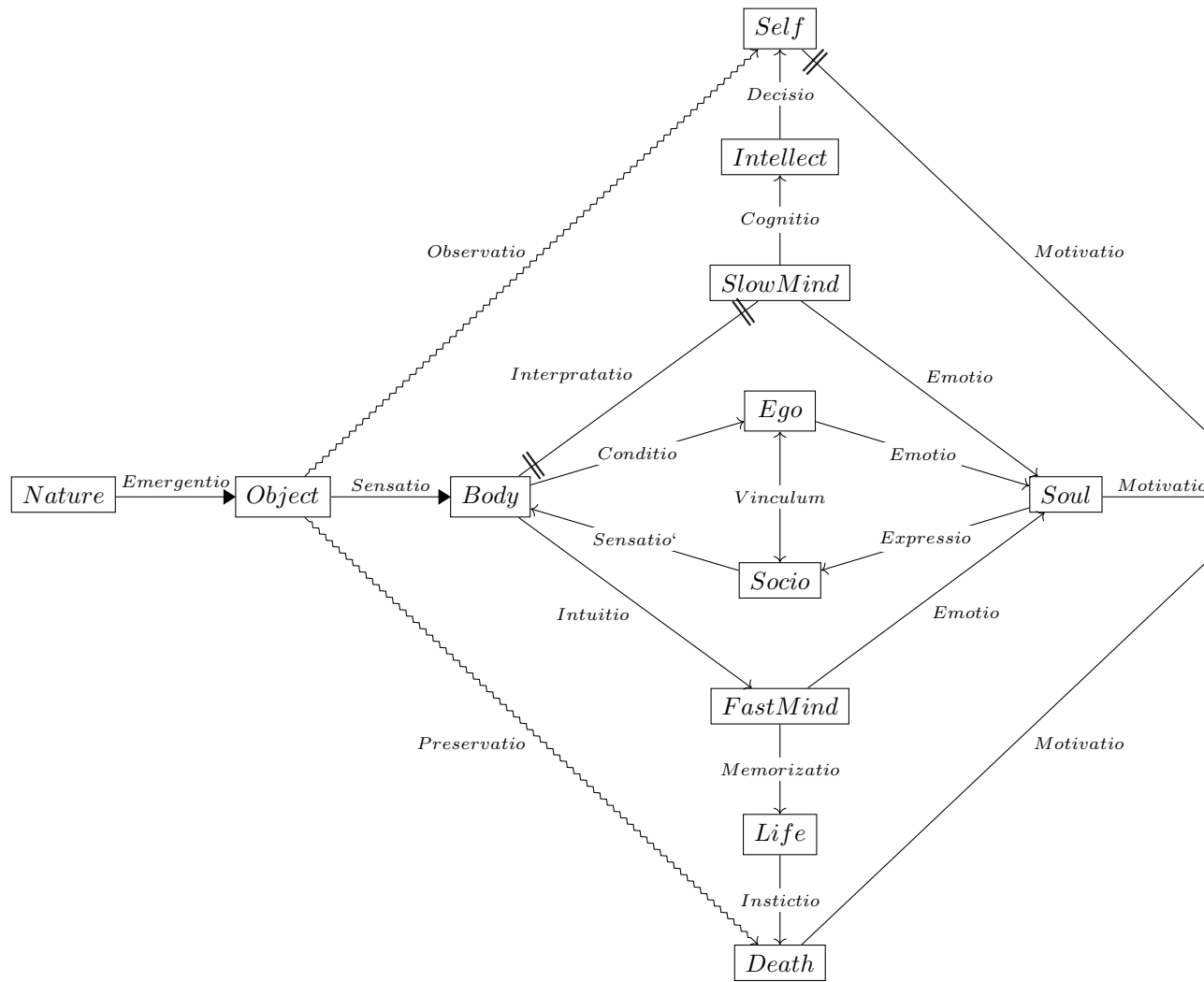


1 Notation Versions

Variable	Interval	IEM head	$[restrain_1]:$	Arrow	$: [restrain_1]$	Arrow end
m	$[0, \infty)$		normal	$>$	power-set	\rightarrow
n	$[1, \infty)$		surjective	$> or \blacktriangleright$	non-empty	\rightarrow
1	$[1, 1]$		bijective	0	functional	\rightarrow
ε	$[0, 1]$		injective	0	partial	\rightarrow

Variable	Interval	IEM head	$[restrain_1]:$	Arrow	$: [restrain_1]$	Arrow end
m	$[0, \infty)$		normal	$\triangleright or$	power-set	\rightarrow
n	$[1, \infty)$		surjective	\blacktriangleright	non-empty	\rightarrow
1	$[1, 1]$		bijective	0	functional	\rightarrow
ε	$[0, 1]$		injective	0	partial	\rightarrow

Notation	IEM	$[restrain_1]:$	$: [restrain_1]$
$m : m$		normal	power-set
$n : m$		surjective	power-set
$1 : m$		bijective	power-set
$\varepsilon : m$		injective	power-set
$m : n$		normal	non-empty
$n : n$		surjective	non-empty
$1 : n$		bijective	non-empty
$\varepsilon : n$		injective	non-empty
$m : 1$		normal	functional
$n : 1$		surjective	functional
$1 : 1$		bijective	functional
$\varepsilon : 1$		injective	functional
$m : \varepsilon$		normal	partial
$n : \varepsilon$		surjective	partial
$1 : \varepsilon$		bijective	partial
$\varepsilon : \varepsilon$		injective	partial



\rightarrow

\Rightarrow

\hookrightarrow

\leftrightarrow

\rightarrowtail

\rightarrowtail

\leftarrowtail

\multimap

\leftarrowtail

\leftarrowtail (alternative)

\leftarrowtail (alternative)

\rightarrow