

## ma-knows-valid<sup>0,22</sup>

$\forall poss:(ES\{i\} \rightarrow Prop_i), T:Type_i, s:T, i:Id, P:(possible-event\{i:l\}(poss) \rightarrow Prop_i),$   
 $R:(possible-event\{i:l\}(poss) \rightarrow possible-event\{i:l\}(poss) \rightarrow Prop_i), Rs:(T \rightarrow T \rightarrow Prop_i).$   
 $(\forall e:possible-event\{i:l\}(poss). P(e)) \Rightarrow ma-knows\{i:l\}(poss; i; T; s; P; Rs; R)$