

# PRD axioms

## PRD problems

**PRD001+1.p** All wine conjectures

include('Axioms/PRD001+0.ax')

$\exists x$ : californiawine( $x$ ) and  $\exists x$ : americanwine( $x$ ) and  $\exists x$ : bordeaux( $x$ ) and  $\exists x$ : burgundy( $x$ ) and  $\exists x$ : anjou( $x$ ) and  $\exists x$ : beaujolais( $x$ )

**PRD002+1.p** No French wine

include('Axioms/PRD001+0.ax')

$\exists x$ : frenchwine( $x$ )    fof(act3\_formula<sub>21</sub>, conjecture)

**PRD003+1.p** No wine tours

include('Axioms/PRD001+0.ax')

$\exists x$ : tours( $x$ )    fof(act3\_formula<sub>59</sub>, conjecture)