ROADS

<table>
<thead>
<tr>
<th>War</th>
<th>Bus</th>
<th>DVR</th>
<th>Bus</th>
<th>PVD</th>
</tr>
</thead>
</table>

Holds

Pred: reach2[War, C1, C2, C3, City, roads] = reach2[War, C1, C2, C3, City, roads]

Q: Is "in" a relation?

C2 in C1_roads_roads

A: B = (A has m cars) = (B has m cars)

\[
\{(a_1, a_2, a_3, \ldots, a_n) \mid \text{ some } x \in (a_1, a_2, a_3, \ldots, a_n) \}
\]

\[
\{(x, a_1, a_2, a_3, \ldots, a_n) \mid \text{ some } x \in (a_1, a_2, a_3, \ldots, a_n) \}
\]

Someone asked how roads.roads works, so we started working it out...

C2 is read all from C1

C2 in C1_roads

For Work

Roads, roads, work