









What is wrong with AC-1?

If a single domain is pruned then revisions of all the arcs are repeated even if the pruned domain does not influence most of these arcs.

What arcs should be reconsidered for revisions?

- The arcs whose consistency is affected by the domain pruning
- i.e., the arcs pointing to the changed variable.

We can omit one more arc!

Omit the arc running out of the variable whose domain has been changed (this arc is not affected by the domain change).















Algorithm DAC-1













