Argument map: Deductive argument visualization stimulates reflection on implicit background assumptions

Michael Hoffmann, Georgia Institute of Technology
Therefore (disjunctive syllogism)

Therefore (modus ponens)

Particular AU: Michael Hoffmann

In every deductive argument, there is one premise that represents the assumption that the reasons provided in this argument support the argument’s claim.

It is not the case that the fact that one provides one or more reasons for a claim is more or less arbitrary.

Either the fact that one provides one or more reasons for a claim is more or less arbitrary, or the fact that one provides one or more reasons for a claim is based on the background assumption that these reasons support the claim.

If the fact that one provides one or more reasons for a claim is based on the background assumption that these reasons support the claim, and if in every deductive argument there is one premise that represents the assumption that the reasons provided in this argument support the argument’s claim, then using only deductive argument schemes in computer-supported argument visualization stimulates reflection on some of one’s implicit background assumptions.

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