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## Modal force and flavour as semantic restrictors of possible double modal combinations in Croatian

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The primary aim of this paper is to explore the manner in which modal force and flavour impose restrictions on possible double modal (DM) combinations in Croatian.

DM data shows that modal auxiliaries combine on the basis of certain semantic restrictions that occur between different modal flavour groups. While some of these semantic restrictions have already been reported in the literature, such as epistemics scoping over non-epistemics (Nauze 2008; Butler 2003), and priority modals scoping over circumstantials (Nauze 2008); Croatian data offers a new insight into semantic restrictions within the circumstantial group of modals. Croatian DM data suggests that what has traditionally been considered one modal flavour, i.e. circumstantial, ought to be considered three different grammatically distinct flavours, namely pure possibility, ability and disposition (Coates 1983, Kratzer 1981, Palmer 2001). They create a scope hierarchy, similarly to the above defined restrictions. Data shows that pure possibility scopes over ability and disposition, while ability scopes over disposition.

Croatian data also shows that there is a constraint on the order of the modal force, i.e. necessity scopes over possibility (Cinque, 1999; Butler, 2003). This constraint holds for all flavours, but crucially only within a flavour group, and not between flavour groups.

A result of this research is a hierarchical analysis which takes into account both modal flavour and modal force as crucial pieces of modal meaning and challenges the way we traditionally define modal flavours within the non-epistemic group.

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