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Shay Allen Logan* (salogan@ncsu.edu), Department of Philosophy, North Carolina State University, Raleigh, NC 27695. *Constant domain semantics for contractionless first-order relevance logics.*

Quantified relevance logics are incomplete for the naïve constant-domain semantics. But they're complete for the varying-domain semantic theory known as *stratified* semantics. In this talk I give a *constant-domain* stratified semantics for contractionless relevance logics. I do so by blending together Fine's stratified semantics and Restall's four-valued semantics for contractionless relevance logics. In the resulting semantic theory, the domain of a model comes in two pieces: D and Ω . D contains objects that can be named by individual constants. Ω contains 'arbitrary objects' (AOs). AOs are 'arbitrary' in the following two senses:

- First, at any level X of the stratification, almost every AO is featureless in all the X -setups.
- Second, if ω is an AO that is featureless at level X , there is a higher level Y where, for any $d \in D \cup \Omega$ that *isn't* featureless at X , ω is indistinguishable from d throughout some fragment of the level- Y model.

$\forall x\phi(x)$ is true in a setup s at a level X just when there is an AO ω and a level Y above X such that $\phi(\omega)$ is true in all situations at level Y that are extensions of s . (Received September 15, 2017)