The **Neurodivergent Scale for Interacting with Robots (NSIR)** can be applied to the Vekarić & Jelić paper by providing a framework to measure how neurodivergent individuals might perceive "submissiveness" as a designed robot behavior, a concept the paper explores in human athletes.
The paper focuses on "decoding markers of submissiveness strategy" among athletes to form a "group identity". While the study is about human-human dynamics, the NSIR allows for the assessment of these social constructs if they were implemented in human-robot interaction design:

**Anthropomorphic Connection/Kinship**

- The paper examines how social markers shape identity.
- The NSIR can measure if a robot designed with "submissive" markers is perceived as more human-like, relatable, or part of an "in-group". Items like **"The robot is more like me than anyone else I know"** could quantify this perceived similarity based on shared social cues.

**Social Comfort/Trust**

- The "submissiveness strategy" in the paper is about establishing social dynamics and group cohesion.
- The NSIR's **social comfort/trust** dimension could assess if a neurodivergent user feels more comfortable or trusting with a robot displaying submissive traits (which might seem less threatening or more agreeable). This helps ensure that designing a robot with these specific social strategies actually leads to the desired positive social experience.

**Safety**

- The paper's concept of submission in a competitive environment has implicit power dynamics.
- The NSIR's **safety** dimension ensures that a robot designed with a submissive demeanor doesn't inadvertently make the user feel unsafe, either by being too passive in a critical situation or by fostering an unhealthy power imbalance.

The NSIR allows for the translation of complex human social dynamics into quantifiable metrics for evaluating the safety and efficacy of social robot designs.
Would you like to examine how the scale applies to another article from the document, or perhaps compare the concepts of **"submissiveness"** and **"dominance"** in HRI?