Evaluation of novelty and progress in the IS discipline has remained an elusive goal throughout the history of the IS discipline, as well as the social sciences in general. To make such evaluations possible, this paper takes a first step towards creating a theoretical backbone for psychometric research in the IS discipline by developing the Inter-Nomological Network (INN). While the paper does not attempt to create a complete network of variables in the IS discipline, it proves that an automatic method can detect relationships that might elude human experts. We show that the INN is capable of automatically detecting overlap between constructs of different names through Natural Language Processing. Once developed, the INN should enable evaluations of novelty and progress in any IS paper that uses psychometric methods.