## ABSTRACT

### SYSTEMS AND METHODS FOR GENERATING AND SELECTING TRADING ALGORITHMS FOR BIG DATA TRADING IN FINANCIAL MARKETS

Various exemplary systems and methods generate and select trading algorithms, including randomly selecting a technical indicator, randomly selecting an evaluation interval, randomly selecting a first tradable item, and randomly selecting a first evaluation bar characteristic. The generated algorithms are ranked based on performance, and algorithms are selected which achieve a predetermined performance threshold.

FIG. 3