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(54) Title: METHODS AND SYSTEMS FOR DEVELOPING MIXING PROTOCOLS

(57) Abstract: A method of developing a predictive model may include identifying mixing protocol parameters for the predictive model, identifying an evaluation criterion for the predictive model, selecting test values for the mixing protocol parameters, identifying a computational fluid dynamics (CFD) simulation required to be performed in order to generate the evaluation criteria, conducting the CFD simulation for each combination of test values, thereby generating evaluation criteria corresponding to each combination of test values, generating a domain of potential predictive models relating the mixing protocol parameters to the evaluation criterion, identifying a pool of candidate predictive models from the domain of potential predictive models, and ranking the pool of candidate predictive models.



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