

TABLE IV: The commit-level software metrics for Just-In-Time Defect Prediction provided by McIntosh and Kamei [24].

Category	Name	Description
Size	LA	The number of lines added by a commit.
	LD	The number of lines deleted by a commit.
Diffusion	NS	The number of modified subsystems.
	ND	The number of modified directories.
	NF	The number of modified files.
	Entropy	The spread of modified lines across changed files.
History	Unique changes	The number of prior changes to the modified files.
	Developers	The number of developers who have changed the modified files in the past.
	Age	The time interval between the last and current changes.
Exp.	Prior changes	The number of prior changes that an author has participated in.
	Recent changes	The number of prior changes that an author has participated in weighted by the age of the changes.
	Subsystem changes	The number of prior changes to the modified subsystem(s) that an author has participated in.
	Awareness	The proportion of the prior changes to the modified subsystem(s) that an author has participated in.
Review	Iterations	The number of times that a change was revised prior to integration.
	Reviewers	The number of reviewers who have voted on whether a change should be integrated or abandoned.
	Comments	The number of non-automated, non-owner comments posted during the review of a change.
	Review window	The length of time between the creation of a review request and its final approval for integration.