ID	Requirement	Sub-requirement	Metric	Target Value	Measurement point	Tool
R1	Process outputs must be identical for identical time-domains	# of push events must be identical	absolute error count	< 0.1	output (string)	Own parser and comparing script
		# of pull requests must be identical	absolute error count	< 0.1	output (string)	Own parser and comparing script
		# of create events must be identical	absolute error count	< 0.1	output (string)	Own parser and comparing script
		# of delete events must be identical	absolute error count	< 0.1	output (string)	Own parser and comparing script
		# of fork events must be identical	absolute error count	< 0.1	output (string)	Own parser and comparing script
		# of watch events must be identical	absolute error count	< 0.1	output (string)	Own parser and comparing script
		# of other events must be identical	absolute error count	< 0.1	output (string)	Own parser and comparing script
R2	Plots must be similar	Commit statistics must be bar chart	boolean	TRUE	File (PNG format) created as output of analysis.py as results.png	Manual verification
		Commit chart must express same semantic	boolean	TRUE	File (PNG format) created as output of analysis.py as results.png	Manual verification
		Event chart must be pie chart	boolean	TRUE	File (PNG format) created as output of analysis.py as resultsEvents.png	Manual verification
		Event chart must express same semantic	boolean	TRUE	File (PNG format) created as output of analysis.py as resultsEvents.png	Manual verification
R3	Commit-Statistics must be identical for identical time-domains	Max Number of commits must be identical	boolean	TRUE	output (string)	Own parser and comparing script
		Min Number of commits must be identical	boolean	TRUE	output (string)	Own parser and comparing script
		Median Number of commits must be identical	boolean	TRUE	output (string)	Own parser and comparing script
		Average Number of commits must be similar (equal up to the first decimal)	absolute error	< 0.1	output (string)	Own parser and comparing script