	Feature	Acceptance Criteria	Test Approach	Priority	Test Case	Status
Common points	This features related to following config parameters: objects sequences transitions states		No parameter must have impact to other parameter irrespective to whether the single column specified or not for any parameter. There is assuming: When any issue is appearing when above than two columns specified then this issue will appears when two columns specified			
	There is possible to specify one or several columns for each parameter (object, sequences, transitions, states) that will be used for build state-transitions diagram	**object:** Transitions and states will be grouped by unique combinations of columns values specified for object parameter. All transitions and states that have same combination of objects will be considered as states and transitions that related to same object	For multiple columns there is possible to use equivalent classes due to no matter how many columns specified exactly, two or more. We can use pairwise testing to check that no parameter will have impact to other parameters	Critical	1-5	Done
		sequences: All transitions will be sorted by columns specified for this parameter from first to last values. Due to multi columns sequence is very rare case this checks have a low priority	For multiple columns there is possible to use equivalent classes due to no matter how many columns specified exactly, two or more. We can use pairwise testing to check that no parameter will have impact to other parameters To check that sequence of transitions is considering correct we should use input tables that sorted by sequence and objects with random order	Low	1-5	Done
		transitions: Each transition from state to state will be signed up as combination of values from columns specified for this parameter.	For multiple columns there is possible to use equivalent classes due to no matter how many columns specified exactly, two or more. We can use pairwise testing to check that no parameter will have impact to other parameters	Critical	1-5	Done
		states: Each state will be signed up as combination of values from columns that specified for this parameter	For multiple columns there is possible to use equivalent classes due to no matter how many columns specified exactly, two or more. We can use pairwise testing to check that no parameter will have impact to other parameters	Critical	1-5	Done

StepID	Subscription in script	Actions	Expected Result	Comment
1	Preconditions	-	-	-
2	Flush output	Delete all files that have been generated before	Output directory is empty	To check that all required files generated we should delete files that have been generated before
3	Run utility	Run utility with config from Cases sheet as an argument	Utility is succesfully ran	There is pre-made config per case according to case parameters
4	Validations	-	-	-
5	Artifacts	-	-	-
6	Return code	Check return code after utility executiuon	Return code is equals to 0	
7	STDOUT	Chewck STDOUT at the utility execution complete	STDOUT is equals to std.yml specified	
8	STDERR	Check STDERR at the utility complete	STDERR is equals to None	
9	Output Files	-	-	-
10	Compare 1_1_1_Positive.gv	Compare this file to the expected file stored upon expected/output_files/std_case {case_number}	No differents between expected and actual file	QACoverageTool is using graphviz to build graphs. This library generates two files related to graph according to current configuration: 1) graph_name.gv - dot-language file that describe a diagram 2) graph_name_gv.pdf - PDF file with diagram based on dot-name file Due to graphical part of output is depends on .gv file there is possible to validate only .gv file due to dot translation is part of graphviz library directly. Not a part of QACoverageTool As per the assuming above dot transation to graph is already tested in graphiz library
11	Compare 1_1_1_Positive_stats.xlsx	Compare this file to the expected file stored upon expected/output_files/std_case {case_number}	No differents between expected and actual file	Validations for graphical representation of path statistics have a low priority so this check is temporary halted
12	Postconditions			
13	Flush output files and validate if there was generated	Validate if all required files exist and then delete them	1_1_1_Positive_stats_vis.pdf 1_1_1_Positive_stats.xlsx 1_1_1_Positive.gv 1_1_1_Positive.gv.pdf Exist in putput directory Succesfully deleted after validation	

				Multiple configs are exluded due to this value is not related for this suite
Sequencer	**Object**	**Transitions**	**States**	**ConfigsCountAsArgument**
Single	Single	Single	Single	Single
Multiple	Multiple	Multiple	Multiple	~~Multiple~~

Parameter	Ranges	ClassName	ValueToCheck
Sequence	1	Single	1
	2:inf	Multiple	2
Object	1	Single	1
	2:inf	Multiple	2
Transitions	1	Single	1
	2:inf	Multiple	2
States	1	Single	1
	2:inf	Multiple	2

CaseID	Sequencer	Object	Transitions	States	ConfigName
1	Multiple	Multiple	Multiple	Multiple	std_case_1
2	Single	Single	Multiple	Single	std_case_2
3	Single	Single	Single	Multiple	std_case_3
4	Multiple	Single	Single	Single	std_case_4
5	Single	Multiple	Single	Single	std_case_5