Table 1: Single-project scenario - Knowledge groups created by past commits: Results of Mann-Whitney test (adj. p-value) and Cliff's Delta (d).

Test	adj. p -value	d
Acceptance Rate		
low vs medium-low	< 0.01	-0.085 (Negligible)
low vs medium-high	< 0.01	-0.14 (Negligible)
low vs high	< 0.01	-0.13 (Negligible)
medium-low vs medium-high	< 0.01	-0.067 (Negligible)
medium-low vs high	< 0.01	-0.059 (Negligible)
medium-high vs high	0.70	-0.00052 (Negligible)
Accepted PR Closing Time		(18 8)
low vs medium-low	< 0.01	-0.039 (Negligible)
low vs medium-high	< 0.01	0.038 (Negligible)
low vs high	< 0.01	0.10 (Negligible)
medium-low vs medium-high	< 0.01	0.078 (Negligible)
medium-low vs high	< 0.01	0.14 (Negligible)
medium-high vs high	< 0.01	0.066 (Negligible)
General Comments Received		, , ,
low vs medium-low	< 0.01	0.094 (Negligible)
low vs medium-high	< 0.01	0.14 (Negligible)
low vs high	< 0.01	0.31 (Small)
medium-low vs medium-high	< 0.01	0.047 (Negligible)
medium-low vs high	< 0.01	0.21 (Small)
medium-high vs high Source Code Comments Receiv	< 0.01	0.16 (Small)
		(37 11 11 11 1
low vs medium-low	0.80	0.0037 (Negligible)
low vs medium-high	< 0.01	0.069 (Negligible)
low vs high	< 0.01	0.13 (Negligible)
medium-low vs medium-high	< 0.01	0.065 (Negligible)
medium-low vs high	< 0.01	0.12 (Negligible)
medium-high vs high Sentiment Analysis on General	< 0.01	0.059 (Negligible)
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low vs medium-low SSE	0.69	-0.015 (Negligible)
low vs medium-high SSE	< 0.01	0.039 (Negligible)
low vs high SSE	0.99	-0.00014 (Negligible)
medium-low vs medium-high SSE	< 0.01	0.053 (Negligible)
medium-low vs high SSE	0.69	0.014 (Negligible)
medium-high vs high SSE Sentiment Analysis on General	< 0.01	-0.039 (Negligible)
low vs medium-low 4SD	comments.	
	0.96	
	0.86	-0.0096 (Negligible)
low vs medium-high 4SD	< 0.01	-0.0096 (Negligible) 0.038 (Negligible)
low vs medium-high 4SD low vs high 4SD	< 0.01 0.86	-0.0096 (Negligible) 0.038 (Negligible) 0.0092 (Negligible)
low vs medium-high 4SD low vs high 4SD medium-low vs medium-high 4SD	< 0.01 0.86 < 0.01	-0.0096 (Negligible) 0.038 (Negligible) 0.0092 (Negligible) 0.048 (Negligible)
low vs medium-high 4SD low vs high 4SD medium-low vs medium-high 4SD medium-low vs high 4SD	< 0.01 0.86 < 0.01 0.42	-0.0096 (Negligible) 0.038 (Negligible) 0.0092 (Negligible) 0.048 (Negligible) 0.018 (Negligible)
low vs medium-high 4SD low vs high 4SD medium-low vs medium-high 4SD medium-low vs high 4SD medium-high vs high 4SD	<0.01 0.86 <0.01 0.42 0.095	-0.0096 (Negligible) 0.038 (Negligible) 0.0092 (Negligible) 0.048 (Negligible) 0.018 (Negligible) -0.028 (Negligible)
low vs medium-high 4SD low vs high 4SD medium-low vs medium-high 4SD medium-low vs high 4SD medium-high vs high 4SD Sentiment Analysis on Code C	<0.01 0.86 <0.01 0.42 0.095 comments: Sen	-0.0096 (Negligible) 0.038 (Negligible) 0.0092 (Negligible) 0.048 (Negligible) 0.018 (Negligible) -0.028 (Negligible) tiStrength-SE
low vs medium-high 4SD low vs high 4SD medium-low vs medium-high 4SD medium-low vs high 4SD medium-high vs high 4SD Sentiment Analysis on Code C low vs medium-low SSE	<0.01 0.86 <0.01 0.42 0.095 comments: Sen 0.66	-0.0096 (Negligible) 0.038 (Negligible) 0.0092 (Negligible) 0.048 (Negligible) 0.018 (Negligible) -0.028 (Negligible) tiStrength-SE
low vs medium-high 4SD low vs high 4SD medium-low vs medium-high 4SD medium-high vs high 4SD medium-high vs high 4SD Sentiment Analysis on Code C low vs medium-low SSE low vs medium-high SSE	<0.01 0.86 <0.01 0.42 0.095 comments: Sen 0.66 1.00	-0.0096 (Negligible) 0.038 (Negligible) 0.0092 (Negligible) 0.048 (Negligible) 0.018 (Negligible) -0.028 (Negligible) tiStrength-SE -0.023 (Negligible) 0.0074 (Negligible)
low vs medium-high 4SD low vs high 4SD medium-low vs medium-high 4SD medium-high vs high 4SD medium-high vs high 4SD Sentiment Analysis on Code C low vs medium-low SSE low vs medium-high SSE low vs high SSE	<0.01 0.86 <0.01 0.42 0.095 fomments: Sen 0.66 1.00 1.00	-0.0096 (Negligible) 0.038 (Negligible) 0.0092 (Negligible) 0.048 (Negligible) 0.018 (Negligible) -0.028 (Negligible) tiStrength-SE -0.023 (Negligible) 0.0074 (Negligible) 0.0062 (Negligible)
low vs medium-high 4SD low vs high 4SD medium-low vs medium-high 4SD medium-high vs high 4SD medium-high vs high 4SD Sentiment Analysis on Code C low vs medium-low SSE low vs medium-high SSE low vs high SSE medium-low vs medium-high SSE medium-low vs medium-high 4SD	<0.01 0.86 <0.01 0.42 0.095 forments: Sen 0.66 1.00 1.00 0.41 	-0.0096 (Negligible) 0.038 (Negligible) 0.0092 (Negligible) 0.048 (Negligible) 0.018 (Negligible) -0.028 (Negligible) stiStrength-SE -0.023 (Negligible) 0.0074 (Negligible) 0.0062 (Negligible) 0.003 (Negligible)
low vs medium-high 4SD low vs high 4SD medium-low vs high 4SD medium-high vs high 4SD medium-high vs high 4SD Sentiment Analysis on Code C low vs medium-low SSE low vs medium-high SSE low vs high SSE medium-low vs medium-high 4SD medium-low vs high SSE	<0.01 0.86 <0.01 0.42 0.095 forments: Sen 0.66 1.00 1.00 0.41 0.48 	-0.0096 (Negligible) 0.038 (Negligible) 0.0092 (Negligible) 0.048 (Negligible) 0.018 (Negligible) -0.028 (Negligible) stiStrength-SE -0.023 (Negligible) 0.0074 (Negligible) 0.0062 (Negligible) 0.003 (Negligible) 0.029 (Negligible)
low vs medium-high 4SD low vs high 4SD medium-low vs medium-high 4SD medium-high vs high 4SD medium-high vs high 4SD Sentiment Analysis on Code C low vs medium-low SSE low vs medium-high SSE low vs high SSE medium-low vs medium-high SSE medium-low vs medium-high 4SD	<pre><0.01</pre>	-0.0096 (Negligible) 0.038 (Negligible) 0.0092 (Negligible) 0.048 (Negligible) 0.018 (Negligible) -0.028 (Negligible) stiStrength-SE -0.023 (Negligible) 0.0074 (Negligible) 0.0062 (Negligible) 0.03 (Negligible) 0.029 (Negligible) -0.021 (Negligible)
low vs medium-high 4SD low vs high 4SD medium-low vs high 4SD medium-low vs high 4SD medium-high vs high 4SD Sentiment Analysis on Code C low vs medium-low SSE low vs medium-high SSE medium-low vs medium-high 4SD medium-low vs high SSE medium-low vs high SSE medium-low vs high SSE medium-low vs high SSE medium-high vs high SSE	<pre><0.01</pre>	-0.0096 (Negligible) 0.038 (Negligible) 0.0092 (Negligible) 0.048 (Negligible) 0.018 (Negligible) -0.028 (Negligible) tiStrength-SE -0.023 (Negligible) 0.0074 (Negligible) 0.0062 (Negligible) 0.03 (Negligible) 0.029 (Negligible) -0.001 (Negligible)
low vs medium-high 4SD low vs high 4SD medium-low vs medium-high 4SD medium-high vs high 4SD medium-high vs high 4SD Sentiment Analysis on Code Colow vs medium-low SSE low vs medium-high SSE low vs high SSE medium-low vs medium-high 4SD medium-low vs high SSE medium-high vs high SSE medium-high vs high SSE Sentiment Analysis on Code Colow vs medium-low vs medium-low vs high SSE Sentiment Analysis on Code Colow vs medium-low vs medium-low vs medium-low vs medium-low vs medium-low vs medium-low vs	0.01 0.86 0.01 0.42 0.095 comments: Sen 0.66 1.00 1.00 0.41 0.48 1.00 comments: Sen 0.66	-0.0096 (Negligible) 0.038 (Negligible) 0.0092 (Negligible) 0.048 (Negligible) 0.018 (Negligible) -0.028 (Negligible) tiStrength-SE -0.023 (Negligible) 0.0074 (Negligible) 0.0062 (Negligible) 0.03 (Negligible) 0.029 (Negligible) -0.001 (Negligible) ti4SD
low vs medium-high 4SD low vs high 4SD medium-low vs medium-high 4SD medium-high vs high 4SD medium-high vs high 4SD Sentiment Analysis on Code C low vs medium-low SSE low vs medium-high SSE low vs high SSE medium-low vs medium-high 4SD medium-low vs high SSE medium-high vs high SSE Sentiment Analysis on Code C low vs medium-low vs high SSE Sentiment Analysis on Code C low vs medium-low vs high SDD low vs medium-high vs high SDD	$\begin{array}{c} <0.01\\ 0.86\\ <0.01\\ 0.42\\ 0.095\\ \mathbf{omments} \cdot \mathbf{Sen}\\ \hline \\ 0.66\\ 1.00\\ 1.00\\ 0.41\\ 0.48\\ 1.00\\ \mathbf{omments} \cdot \mathbf{Sen}\\ \hline \\ 0.66\\ 1_{0.094}\\ \end{array}$	-0.0096 (Negligible) 0.038 (Negligible) 0.0092 (Negligible) 0.048 (Negligible) 0.018 (Negligible) -0.028 (Negligible) stiStrength-SE -0.023 (Negligible) 0.0074 (Negligible) 0.0062 (Negligible) 0.03 (Negligible) -0.09 (Negligible) -0.001 (Negligible) sti4SD -0.017 (Negligible) 0.039 (Negligible)
low vs medium-high 4SD low vs high 4SD medium-low vs high 4SD medium-high vs high 4SD medium-high vs high 4SD Sentiment Analysis on Code C low vs medium-low SSE low vs medium-high SSE low vs high SSE medium-low vs high SSE medium-low vs high SSE medium-high vs high SSE medium-high vs high SSE Sentiment Analysis on Code C low vs medium-low vs high SSD low vs medium-low vs high SSD low vs medium-high vs high SSD low vs medium-high vs high 4SD low vs high 4SD	0.01 0.86 0.01 0.42 0.095 comments: Sen 0.66 1.00 0.41 0.48 1.00 comments: Sen 0.66 1 _{0.094} 0.72	-0.0096 (Negligible) 0.038 (Negligible) 0.0092 (Negligible) 0.048 (Negligible) 0.018 (Negligible) -0.028 (Negligible) stiStrength-SE -0.023 (Negligible) 0.0074 (Negligible) 0.0062 (Negligible) 0.03 (Negligible) -0.09 (Negligible) -0.001 (Negligible) sti4SD -0.017 (Negligible) 0.039 (Negligible) 0.039 (Negligible)
low vs medium-high 4SD low vs high 4SD medium-low vs medium-high 4SD medium-high vs high 4SD medium-high vs high 4SD Sentiment Analysis on Code C low vs medium-low SSE low vs medium-high SSE low vs high SSE medium-low vs medium-high 4SD medium-low vs high SSE medium-high vs high SSE Sentiment Analysis on Code C low vs medium-low vs high SSE Sentiment Analysis on Code C low vs medium-low vs high SDD low vs medium-high vs high SDD	$\begin{array}{c} <0.01\\ 0.86\\ <0.01\\ 0.42\\ 0.095\\ \mathbf{omments} \cdot \mathbf{Sen}\\ \hline \\ 0.66\\ 1.00\\ 1.00\\ 0.41\\ 0.48\\ 1.00\\ \mathbf{omments} \cdot \mathbf{Sen}\\ \hline \\ 0.66\\ 1_{0.094}\\ \end{array}$	-0.0096 (Negligible) 0.038 (Negligible) 0.0092 (Negligible) 0.048 (Negligible) 0.018 (Negligible) -0.028 (Negligible) stiStrength-SE -0.023 (Negligible) 0.0074 (Negligible) 0.0062 (Negligible) 0.03 (Negligible) -0.09 (Negligible) -0.001 (Negligible) sti4SD -0.017 (Negligible) 0.039 (Negligible)