

Table 1: Cross-project scenario - Knowledge groups created by past prs: Results of Mann-Whitney test (adj.  $p$ -value) and Cliff’s Delta ( $d$ ).

Test	adj. $p$ -value	$d$
<b>Acceptance Rate</b>		
low <i>vs</i> medium-low	<0.01	-0.088 (Negligible)
low <i>vs</i> medium-high	<0.01	-0.14 (Negligible)
low <i>vs</i> high	<0.01	-0.14 (Negligible)
medium-low <i>vs</i> medium-high	<0.01	-0.054 (Negligible)
medium-low <i>vs</i> high	<0.01	-0.06 (Negligible)
medium-high <i>vs</i> high	0.38	-0.014 (Negligible)
<b>Accepted PR Closing Time</b>		
low <i>vs</i> medium-low	<0.01	-0.082 (Negligible)
low <i>vs</i> medium-high	<0.01	-0.11 (Negligible)
low <i>vs</i> high	<0.01	-0.12 (Negligible)
medium-low <i>vs</i> medium-high	0.026	-0.026 (Negligible)
medium-low <i>vs</i> high	<0.01	-0.04 (Negligible)
medium-high <i>vs</i> high	0.19	-0.013 (Negligible)
<b>General Comments Received</b>		
low <i>vs</i> medium-low	<0.01	-0.086 (Negligible)
low <i>vs</i> medium-high	<0.01	-0.15 (Small)
low <i>vs</i> high	<0.01	-0.27 (Small)
medium-low <i>vs</i> medium-high	<0.01	-0.07 (Negligible)
medium-low <i>vs</i> high	<0.01	-0.19 (Small)
medium-high <i>vs</i> high	<0.01	-0.12 (Negligible)
<b>Source Code Comments Received</b>		
low <i>vs</i> medium-low	1.00	0.0012 (Negligible)
low <i>vs</i> medium-high	1.00	-0.0051 (Negligible)
low <i>vs</i> high	<0.01	0.041 (Negligible)
medium-low <i>vs</i> medium-high	1.00	-0.0064 (Negligible)
medium-low <i>vs</i> high	<0.01	0.039 (Negligible)
medium-high <i>vs</i> high	<0.01	0.048 (Negligible)
<b>Sentiment Analysis on General Comments: SentiStrength-SE</b>		
low <i>vs</i> medium-low SSE	0.10	0.017 (Negligible)
low <i>vs</i> medium-high SSE	<0.01	0.062 (Negligible)
low <i>vs</i> high SSE	<0.01	0.12 (Negligible)
medium-low <i>vs</i> medium-high SSE	<0.01	0.045 (Negligible)
medium-low <i>vs</i> high SSE	<0.01	0.10 (Negligible)
medium-high <i>vs</i> high SSE	<0.01	0.055 (Negligible)
<b>Sentiment Analysis on General Comments: Senti4SD</b>		
low <i>vs</i> medium-low 4SD	<0.01	0.047 (Negligible)
low <i>vs</i> medium-high 4SD	<0.01	0.074 (Negligible)
low <i>vs</i> high 4SD	<0.01	0.12 (Negligible)
medium-low <i>vs</i> medium-high 4SD	0.014	0.026 (Negligible)
medium-low <i>vs</i> high 4SD	<0.01	0.076 (Negligible)
medium-high <i>vs</i> high 4SD	<0.01	0.049 (Negligible)
<b>Sentiment Analysis on Code Comments: SentiStrength-SE</b>		
low <i>vs</i> medium-low SSE	1.00	0.0018 (Negligible)
low <i>vs</i> medium-high SSE	1.00	0.0053 (Negligible)
low <i>vs</i> high SSE	1.00	-0.016 (Negligible)
medium-low <i>vs</i> medium-high 4SD	1.00	0.0037 (Negligible)
medium-low <i>vs</i> high SSE	1.00	-0.018 (Negligible)
medium-high <i>vs</i> high SSE	0.78	-0.022 (Negligible)
<b>Sentiment Analysis on Code Comments: Senti4SD</b>		
low <i>vs</i> medium-low 4SD	0.92	0.021 (Negligible)
low <i>vs</i> medium-high 4SD	1	0.018 (Negligible)
low <i>vs</i> high 4SD	1.00	0.0016 (Negligible)
medium-low <i>vs</i> medium-high 4SD	1.00	-0.003 (Negligible)
medium-low <i>vs</i> high 4SD	1.00	-0.019 (Negligible)
medium-high <i>vs</i> high 4SD	1.00	-0.016 (Negligible)