

Table 1: Cross-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 <i>vs</i> medium-low	< 0.01	-0.16 (Small)
low <i>vs</i> medium-high	< 0.01	-0.16 (Small)
low <i>vs</i> high	< 0.01	-0.21 (Small)
medium-low <i>vs</i> medium-high	0.51	-0.011 (Negligible)
medium-low <i>vs</i> high	< 0.01	-0.064 (Negligible)
medium-high <i>vs</i> high	< 0.01	-0.058 (Negligible)
Accepted PR Closing Time		
low <i>vs</i> medium-low	< 0.01	0.03 (Negligible)
low <i>vs</i> medium-high	< 0.01	0.061 (Negligible)
low <i>vs</i> high	< 0.01	0.17 (Small)
medium-low <i>vs</i> medium-high	< 0.01	0.033 (Negligible)
medium-low <i>vs</i> high	< 0.01	0.14 (Negligible)
medium-high <i>vs</i> high	< 0.01	0.097 (Negligible)
General Comments Received		
low <i>vs</i> medium-low	< 0.01	0.071 (Negligible)
low <i>vs</i> medium-high	< 0.01	0.056 (Negligible)
low <i>vs</i> high	< 0.01	0.11 (Negligible)
medium-low <i>vs</i> medium-high	0.15	-0.014 (Negligible)
medium-low <i>vs</i> high	< 0.01	0.04 (Negligible)
medium-high <i>vs</i> high	< 0.01	0.055 (Negligible)
Source Code Comments Received		
low <i>vs</i> medium-low	0.018	0.034 (Negligible)
low <i>vs</i> medium-high	< 0.01	0.039 (Negligible)
low <i>vs</i> high	< 0.01	0.16 (Small)
medium-low <i>vs</i> medium-high	0.61	0.0064 (Negligible)
medium-low <i>vs</i> high	< 0.01	0.13 (Negligible)
medium-high <i>vs</i> high	< 0.01	0.13 (Negligible)
Sentiment Analysis on General Comments: SentiStrength-SE		
low <i>vs</i> medium-low SSE	< 0.01	0.052 (Negligible)
low <i>vs</i> medium-high SSE	< 0.01	0.073 (Negligible)
low <i>vs</i> high SSE	< 0.01	0.16 (Small)
medium-low <i>vs</i> medium-high SSE	0.077	0.019 (Negligible)
medium-low <i>vs</i> high SSE	< 0.01	0.11 (Negligible)
medium-high <i>vs</i> high SSE	< 0.01	0.093 (Negligible)
Sentiment Analysis on General Comments: Senti4SD		
low <i>vs</i> medium-low 4SD	< 0.01	0.066 (Negligible)
low <i>vs</i> medium-high 4SD	< 0.01	0.10 (Negligible)
low <i>vs</i> high 4SD	< 0.01	0.17 (Small)
medium-low <i>vs</i> medium-high 4SD	< 0.01	0.034 (Negligible)
medium-low <i>vs</i> high 4SD	< 0.01	0.10 (Negligible)
medium-high <i>vs</i> high 4SD	< 0.01	0.065 (Negligible)
Sentiment Analysis on Code Comments: SentiStrength-SE		
low <i>vs</i> medium-low SSE	1.00	0.011 (Negligible)
low <i>vs</i> medium-high SSE	1.00	0.011 (Negligible)
low <i>vs</i> high SSE	1.00	-0.014 (Negligible)
medium-low <i>vs</i> medium-high 4SD	1.00	7.4e-05 (Negligible)
medium-low <i>vs</i> high SSE	0.52	-0.025 (Negligible)
medium-high <i>vs</i> high SSE	0.52	-0.025 (Negligible)
Sentiment Analysis on Code Comments: Senti4SD		
low <i>vs</i> medium-low 4SD	1.00	0.006 (Negligible)
low <i>vs</i> medium-high 4SD	1.00	0.034 (Negligible)
low <i>vs</i> high 4SD	1.00	-0.0072 (Negligible)
medium-low <i>vs</i> medium-high 4SD	0.19	0.028 (Negligible)
medium-low <i>vs</i> high 4SD	1.00	-0.013 (Negligible)
medium-high <i>vs</i> high 4SD	0.038	-0.04 (Negligible)