

Table 14. Min–max ranges of key metrics under different code slicing strategies for single and multi reviewers.

Slicing Algorithm	KBI \uparrow	FAR $_1\downarrow$	CPI $_1\uparrow$	FAR $_2\downarrow$	CPI $_2\uparrow$
<i>Single Reviewer – All</i>					
Original Diff	(17.78, 28.89)	(95.43, 98.07)	(3.48, 7.89)	(84.18, 89.16)	(13.47, 20.44)
Parent Function	(26.67, 35.56)	(96.73, 97.35)	(4.82, 5.96)	(90.06, 91.14)	(14.18, 15.16)
Left Flow	(33.33, 40.00)	(94.04, 94.73)	(9.31, 10.11)	(88.80, 92.39)	(12.79, 16.77)
Full Flow	(37.78, 40.00)	(93.81, 95.24)	(8.45, 10.72)	(90.07, 93.29)	(11.39, 15.91)
<i>Single Reviewer – Coarse Filter</i>					
Original Diff	(15.56, 20.00)	(84.89, 92.40)	(10.21, 17.21)	(76.23, 80.01)	(17.60, 20.00)
Parent Function	(15.56, 26.67)	(87.36, 88.91)	(13.94, 16.33)	(75.92, 91.01)	(13.15, 22.27)
Left Flow	(24.44, 40.00)	(91.75, 92.20)	(11.83, 13.68)	(77.17, 90.38)	(15.15, 23.61)
Full Flow	(31.11, 33.33)	(91.73, 93.78)	(10.48, 13.07)	(87.69, 90.70)	(14.54, 17.64)
<i>Single Reviewer – Top-10</i>					
Original Diff	(13.33, 20.00)	(84.83, 91.81)	(10.26, 17.26)	(70.83, 79.69)	(18.30, 20.15)
Parent Function	(13.33, 22.22)	(87.44, 89.61)	(11.68, 15.13)	(72.08, 88.39)	(15.25, 18.76)
Left Flow	(31.11, 33.33)	(90.58, 91.55)	(13.29, 14.68)	(78.42, 87.12)	(18.21, 26.20)
Full Flow	(28.89, 35.56)	(90.05, 92.68)	(11.85, 15.55)	(83.62, 88.77)	(16.17, 21.57)
<i>Single Reviewer – Top-5</i>					
Original Diff	(13.33, 17.78)	(84.44, 91.63)	(10.28, 16.59)	(67.78, 75.00)	(18.35, 20.78)
Parent Function	(11.11, 17.78)	(86.22, 89.22)	(10.94, 14.64)	(63.00, 80.00)	(17.09, 20.81)
Left Flow	(20.00, 31.11)	(89.19, 91.33)	(12.09, 16.05)	(67.78, 78.89)	(23.57, 29.26)
Full Flow	(22.22, 31.11)	(90.04, 90.67)	(13.51, 14.45)	(75.17, 80.00)	(22.00, 26.51)
<i>Single Reviewer – Top-3</i>					
Original Diff	(8.89, 13.33)	(84.07, 92.22)	(8.30, 14.51)	(60.00, 63.89)	(14.37, 19.48)
Parent Function	(6.67, 8.89)	(86.67, 88.89)	(8.33, 10.67)	(50.00, 66.67)	(11.11, 15.09)
Left Flow	(13.33, 22.22)	(88.89, 91.48)	(10.40, 14.81)	(52.78, 66.67)	(20.80, 28.57)
Full Flow	(11.11, 15.56)	(90.74, 92.22)	(9.40, 10.93)	(63.89, 66.67)	(16.67, 21.67)
<i>Multi Reviewer – Meta Reviewer</i>					
Original Diff	(11.11, 17.78)	(95.87, 97.17)	(4.51, 6.70)	(68.45, 79.12)	(14.50, 22.74)
Parent Function	(17.78, 24.44)	(90.84, 93.20)	(9.84, 13.33)	(67.62, 75.91)	(20.46, 27.85)
Left Flow	(26.67, 35.56)	(86.09, 89.27)	(15.31, 20.00)	(62.60, 72.95)	(26.86, 36.46)
Full Flow	(31.11, 31.11)	(89.10, 89.57)	(15.63, 16.15)	(71.90, 73.70)	(28.50, 29.53)
<i>Multi Reviewer – Validator</i>					
Original Diff	(8.89, 13.33)	(87.72, 92.36)	(8.22, 12.79)	(65.88, 76.34)	(12.92, 19.17)
Parent Function	(8.89, 13.33)	(87.36, 91.40)	(8.74, 12.98)	(57.54, 72.56)	(13.43, 20.29)
Left Flow	(15.56, 24.44)	(71.07, 79.67)	(17.63, 26.49)	(32.41, 53.02)	(23.38, 35.90)
Full Flow	(20.00, 20.00)	(77.68, 78.10)	(20.91, 21.10)	(66.61, 68.08)	(24.59, 25.02)