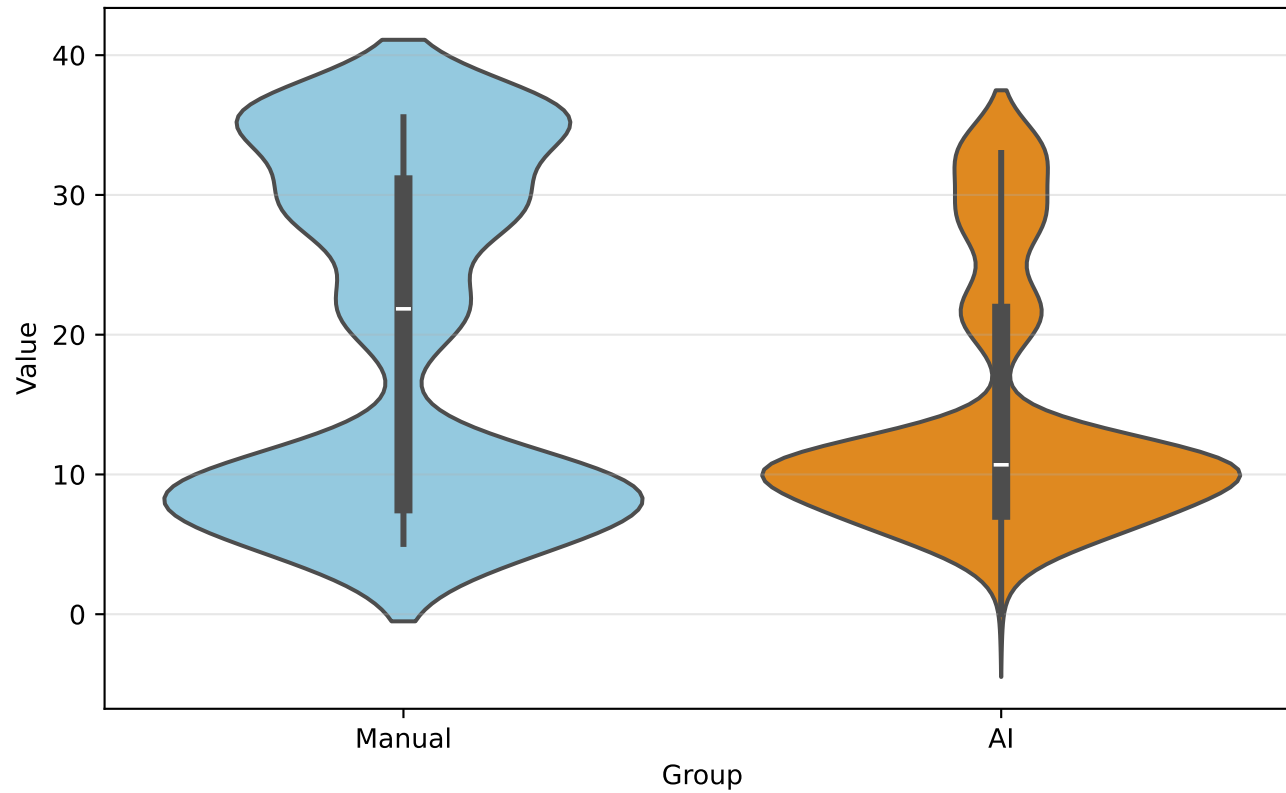


# Mann-Whitney U Analysis (N=2,480): Violin Plots with Statistical Results

Instruction Coverage (%)

U=827440, Z=7.234888, p=3.200492e-13, r=0.145280

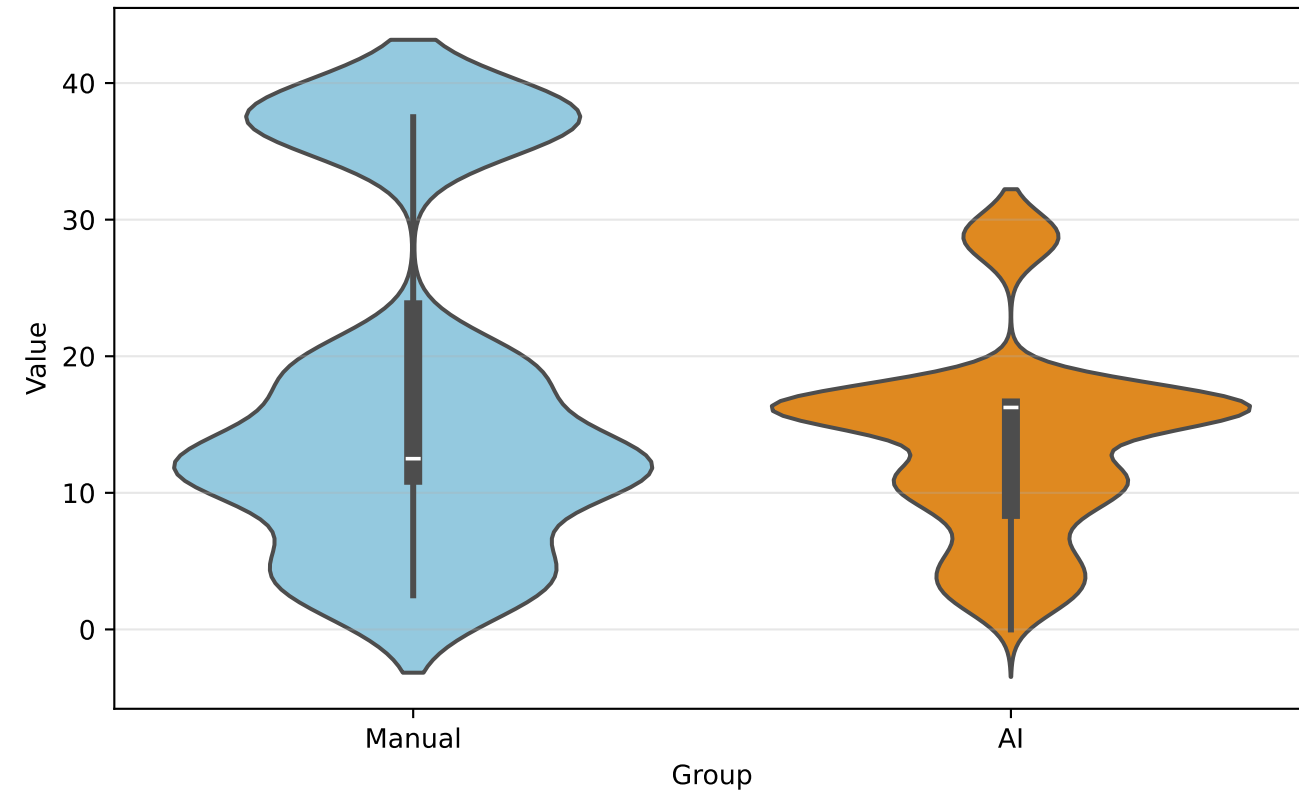
Manual: Mdn=21.850000,  $\mu$ =19.941000 | AI: Mdn=10.690000,  $\mu$ =14.201045



Branch Coverage (%)

U=808720, Z=6.137698, p=5.730941e-10, r=0.123248

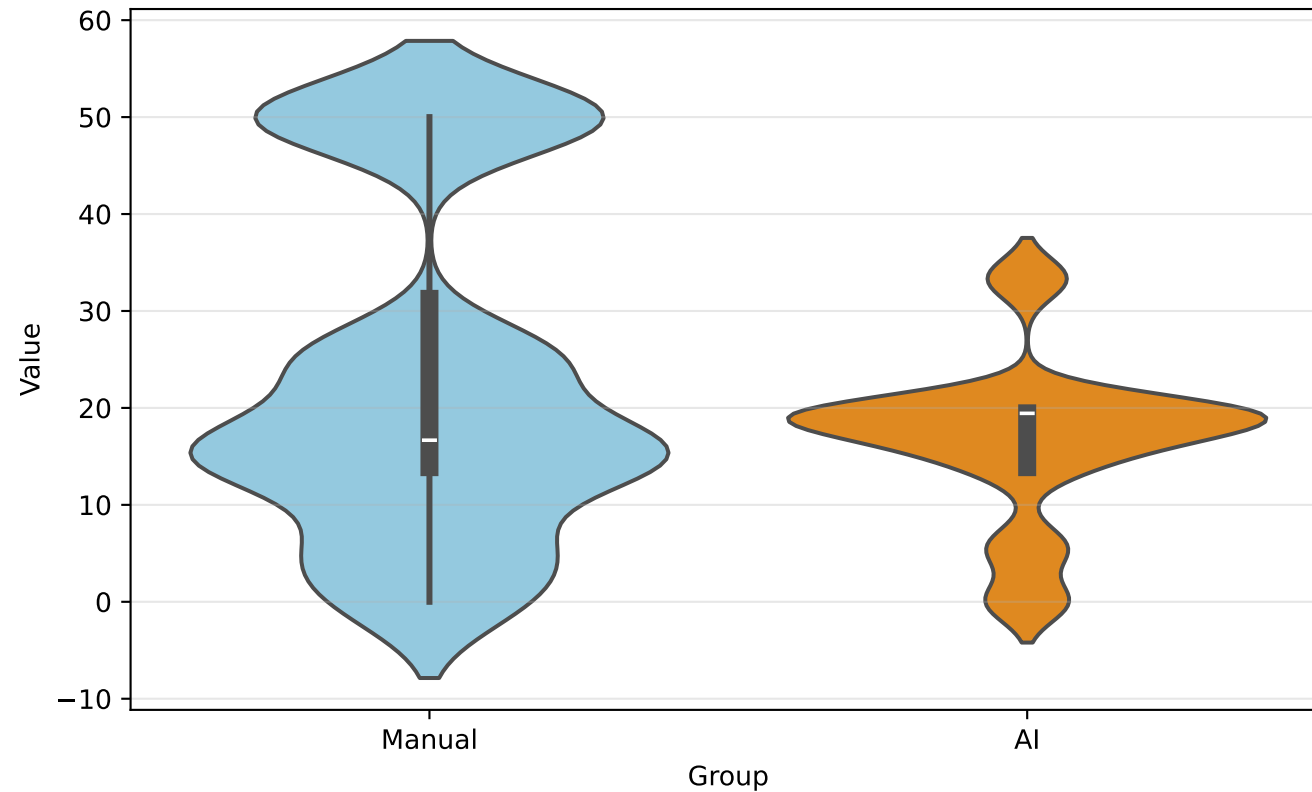
Manual: Mdn=12.500000,  $\mu$ =17.687500 | AI: Mdn=16.250000,  $\mu$ =13.502841



Mutation Score (%)

U=752840, Z=2.862540, p=3.818350e-03, r=0.057481

Manual: Mdn=16.670000,  $\mu$ =22.918000 | AI: Mdn=19.440000,  $\mu$ =16.633886



Time (seconds)

U=774034, Z=4.104732, p=3.742562e-05, r=0.082425

Manual: Mdn=0.012000,  $\mu$ =0.079396 | AI: Mdn=0.003000,  $\mu$ =0.114026

