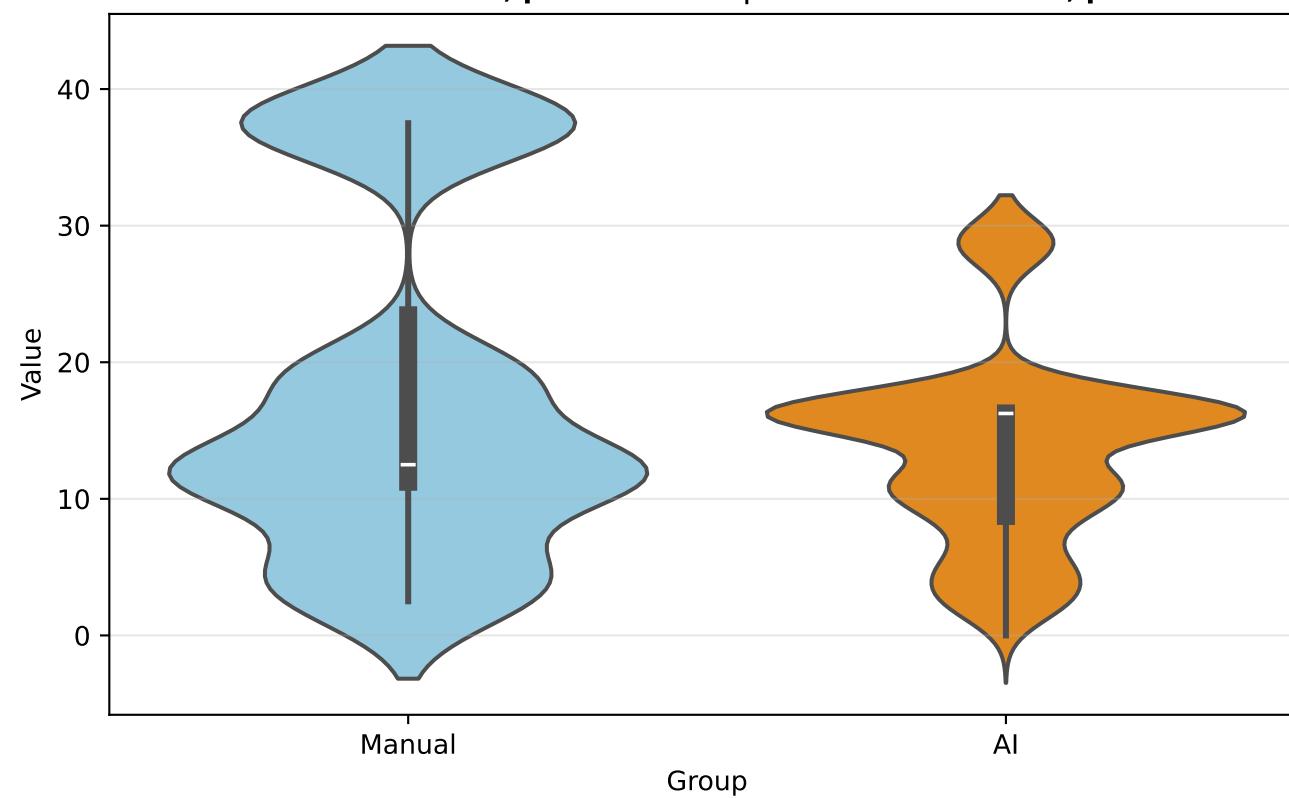
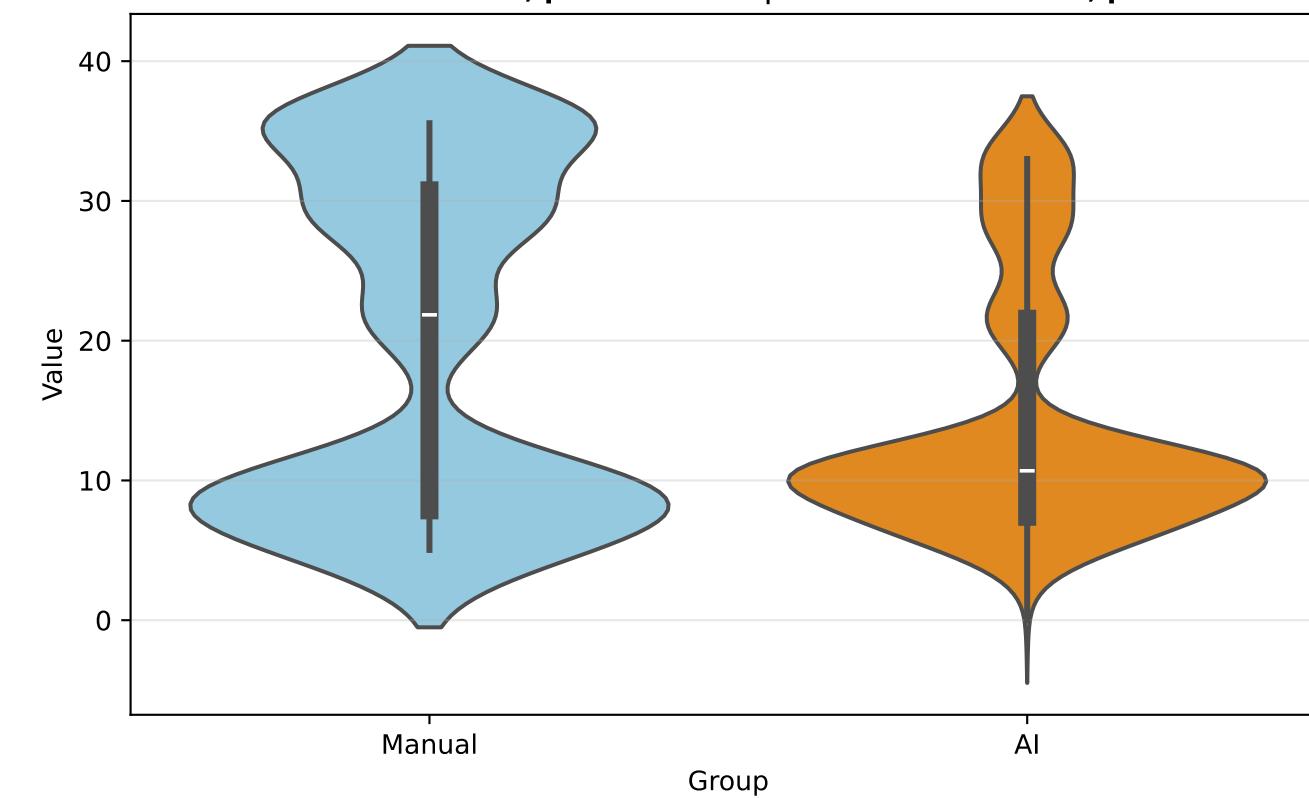


Mann-Whitney U Analysis (N=2,480): Violin Plots with Statistical Results

Instruction Coverage (%)
U=827440, Z=7.234888, p=3.200492e-13, r=0.145280
Manual: Mdn=21.850000, μ =19.941000 | AI: Mdn=10.690000, μ =14.201045

Branch Coverage (%)
U=808720, Z=6.137698, p=5.730941e-10, r=0.123248
Manual: Mdn=12.500000, μ =17.687500 | AI: Mdn=16.250000, μ =13.502841



Mutation Score (%)
U=752840, Z=2.862540, p=3.818350e-03, r=0.057481
Manual: Mdn=16.670000, μ =22.918000 | AI: Mdn=19.440000, μ =16.633886

Time (seconds)
U=774034, Z=4.104732, p=3.742562e-05, r=0.082425
Manual: Mdn=0.012000, μ =0.079396 | AI: Mdn=0.003000, μ =0.114026

