

# Addressing knowledge gaps in Surgical Safety Checklist use: a statistical process analysis of a surgical quality improvement program in Ethiopia

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**Supplementary Figures and Tables**

Table 1. IRR, mean compliance rates, and rate differences by compliance area

Compliance area	IRR (95% CI)	Mean compliance rate (95% CI)		Rate difference (95% CI)	% increase in compliance	P-value of rate difference
		Pre-intervention	Post-intervention			
Checklist Compliance	1.51 (1.18-1.91)	.27 (.23-.32)	.41 (.34-.49)	.14 (.31-.23)	52%	0.001
Sign in	1.34 (1.08-1.66)	.39 (.33-.45)	.52 (.44-.61)	.13 (.03-.23)	33%	0.010
Time out	1.09 (.94-1.26)	.69 (.61-.76)	.75 (.65-.85)	.06 (.04-.17)	9%	0.250
Sign out	1.20 (.98-1.47)	.41 (.35-.46)	.49 (.41-.57)	.08 (.00-.17)	20%	0.082

Figure 1. Study inclusion criteria

