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Title

In Data We Trust? Comparison of Electronic Versus Manual Abstraction of Antimicrobial Prescribing Quality Metrics for Hospitalized Veterans With Pneumonia

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Table 3. Sources of variation in initial clinical stability and antibiotic use metrics by manual versus electronic extraction.

Variance \pm standard error for each random effect (facility and reviewer) were calculated from mixed effect regression models and are shown on a logit scale. Estimated variances of zero reflect variables whose variation is less than that expected by chance.

Metric	Manual MUE		Electronic MUE	
	Facility	Reviewer	Facility	Reviewer
Initial Anti-MRSA coverage	0.388 \pm 0.138 p<0.001	0.016 \pm 0.049 p=0.36	0.335 \pm 0.127 p<0.001	0.044 \pm 0.060 p=0.20
Initial Anti-PAER coverage	0.258 \pm 0.09 p<0.001	0	0.222 \pm 0.081 p<0.001	0
Initial clinical stability	0.066 \pm 0.059 p=0.13	0.147 \pm 0.074 p=0.002	0.038 \pm 0.057 p=0.25	0.085 \pm 0.068 p=0.06
Excessive antibiotic duration (based upon clinical stability)	0	0.338 \pm 0.180 p=0.002	0.095 \pm 0.103 p=0.16	0.074 \pm 0.096 p=0.19