

Tables and Figures:

Table 1: χ^2 -GOF Analysis of Patient Disposition Decisions Between Tucson Fire and UAEMS

	UAEMS Disposition	Tucson Fire Disposition	
ALS	34	44	$\chi^2 = 9.097$
BLS	138	113	$p = 0.0106$
Refusal	159	174	

Table 2: χ^2 -GOF Analysis of Patient Disposition Decisions Between Tucson Fire and UAEMS excluding ALS Dispatches with ALS Dispositions

	UAEMS Disposition	Tucson Fire Disposition	
ALS	19	22	$\chi^2 = 4.569$
BLS	131	113	$p = 0.1018$
Refusal	159	174	

Table 3: χ^2 -GOF Analysis of Patient Transport Decisions Between Tucson Fire and UAEMS

	UAEMS Disposition	Tucson Fire Disposition	
Transport	172	157	$\chi^2 = 2.726$
Non-Transport	159	174	$p = 0.0987$

Table 4: UAEMS Agreement with Tucson Fire Patient Disposition by Call Type

Call Type	ALS Transport	BLS Transport	Patient Refusal/Non-Patient
Assault	*	*	80%
Behavioral	*	86%	90%
Ethanol/Overdose	80%	100%	85%
Falls	*	100%	81%
Medical	86%	100%	96%
MVA	80%	*	95%
Other Trauma	*	100%	100%
N/A	*	100%	100%

Note: * denotes categories in which less than 5 calls applied. Data was excluded due to small sample size.

Table 5: UAEMS Agreement with Tucson Fire Patient Disposition by Call Type

Call Type	Calls with Perfect Agreement	Calls with Perfect Agreement or Higher Disposition Selected
Assault	80%	100%
Behavioral	76%	86%
Ethanol/Overdose	91%	99%
Falls	84%	94%
Medical	96%	98%
MVA	92%	96%
Other Trauma	90%	97%
N/A	100%	100%

Note: * denotes categories in which less than 5 calls applied. Data was excluded due to small sample size.

Table 6: UAEMS Agreement with Tucson Fire Patient Disposition by Dispatch Priority

Dispatch Priority	ALS Transport	BLS Transport	Patient Refusal/Non-Patient
ALS Response	68%	97%	92%
BLS Emergent Response	100%	100%	93%
BLS Non-Emergent Response	*	100%	100%
BLS Non-Specific Response	63%	100%	85%

Note: * denotes categories in which less than 5 calls applied. Data was excluded due to small sample size.

Table 7: UAEMS Agreement with Tucson Fire Patient Disposition by Dispatch Priority

Dispatch Priority	Calls with Perfect Agreement	Calls with Perfect Agreement or Higher Disposition Selected
ALS Response	88%	93%
BLS Emergent Response	96%	100%
BLS Non-Emergent Response	100%	100%
BLS Non-Specific Response	88%	97%

Note: * denotes categories in which less than 5 calls applied. Data was excluded due to small sample size.