



# Pooled Estimates of Expected Effects from the Structured Elicitation Exercise




## Pathway proportions

#	Question	Proportion (%)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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## ED Average Length Of Stay

#		Question	ALOS (Hours)											
			Summary of pooled empiric distributions				Estimates from fitted distributions		Fitted parametric distributions					
							Mean ( $\mu$ )	Std. Dev. ( $\sigma$ )	Dist.	$\mu$	$\sigma$	lsq		
			ALOS (Hours)											
13		Those who continue to present to the ED (i.e., not headed-off), but who are not admitted					8.8	6.0	Lognormal	1.979	0.623	0.021		
14		Those who continue to present to the ED (i.e., not headed-off), and admitted but discharged from the EECU					7.0	6.7	Lognormal	1.633	0.800	0.030		
15		Those who continue to present to the ED (i.e., not headed-off), admitted and receive ward-based care					11.2	7.1	Lognormal	2.252	0.577	0.016		

## CARE &/or EOS Service Average Length Of Stay

#	Question	ALOS (Hours)								Estimates from fitted distributions		Fitted parametric distributions									
		Summary of pooled empiric distributions										Mean ( $\mu$ )	Std. Dev. ( $\sigma$ )	Dist.	$\mu$	$\sigma$	lsq				
		ALOS (Hours)																			
		0	1	2	3	4	5	6	7	8	9	10	11	12							
16	Those who are headed-off from the ED via the CARE centre											5.2	2.1	Lognormal	1.568	0.383	0.014				
17	Those who are headed-off from the ED via the CARE centre, and having first had a home visit from the EOS team											6.4	2.8	Lognormal	1.771	0.413	0.010				
18	Those who are headed-off from the ED and do not visit the CARE centre after having a home visit from the EOS team											1.3	0.5	Lognormal	0.211	0.373	0.016				

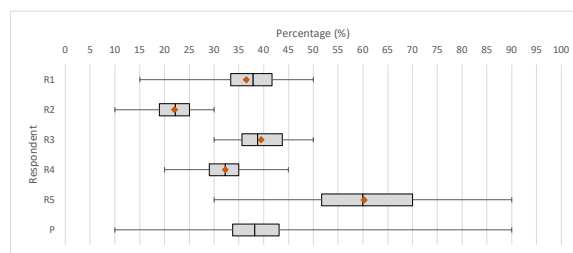
## Inpatient Average Length Of Stay

#	Question	ALOS (Days)																		
		Summary of pooled empiric distributions				Estimates from fitted distributions		Fitted parametric distributions												
		ALOS (Hours)				Mean (°)	Std. Dev. (°)	Dist.	μ	σ	lsq									
		0	2	4	6	8	10	12	14	16	18	20	22							
19	Those who continue to present to the ED (i.e., not headed-off), and admitted but discharged from the EECU														0.4	0.3	Normal	0.426	0.258	0.075
20	Those who continue to present to the ED (i.e., not headed-off), admitted and receive ward-based care														6.8	4.4	Lognormal	1.741	0.595	0.011
21	Those who are headed-off from the ED, and who are stepped-up into an admission, via the CARE centre														9.1	7.6	Lognormal	1.940	0.730	0.013
22	Those who are headed-off from the ED, and who are stepped-up into an admission, via the CARE centre and having first had a home visit from the EOS team														9.1	8.3	Lognormal	1.904	0.780	0.011

## Pathway proportions

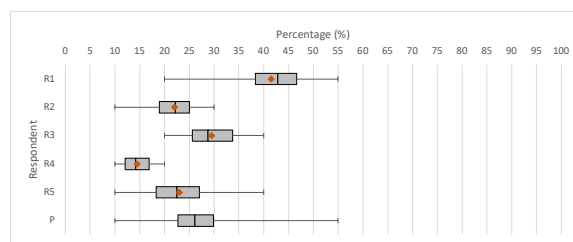
1 Of those who would otherwise present to the ED, but would not be admitted - What % or proportion would you expect to be 'headed-off from the ED' via the CARE Centre?

Percentage (%)	Respondent					P
	R1	R2	R3	R4	R5	
Min	15.0	10.0	30.0	20.0	30.0	10.0
Q1	33.3	19.0	35.6	29.0	51.7	33.7
Median	37.9	22.2	38.8	32.2	60.0	38.2
Q3	41.7	25.0	43.8	35.0	70.0	43.1
Max	50.0	30.0	50.0	45.0	90.0	90.0
Mean ( $\mu$ )	36.5	22.0	39.5	32.3	60.3	
Std. Dev. ( $\sigma$ )	7.4	4.3	5.2	4.7	14.4	



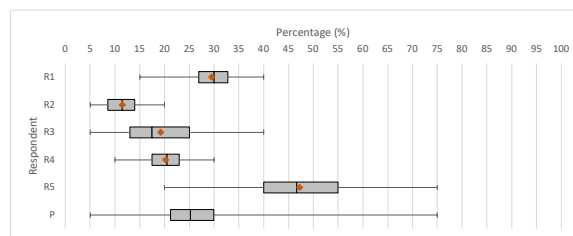
2 Of those who would otherwise present to the ED, but would not be admitted - What % or proportion would you expect to be 'headed-off from ED' via an Eyes On Scene home visit?

Percentage (%)	Respondent					P
	R1	R2	R3	R4	R5	
Min	20.0	10.0	20.0	10.0	10.0	10.0
Q1	38.3	19.0	25.6	12.1	18.3	22.7
Median	42.9	22.2	28.8	14.2	22.5	26.1
Q3	46.7	25.0	33.8	16.9	27.0	29.9
Max	55.0	30.0	40.0	20.0	40.0	55.0
Mean ( $\mu$ )	41.5	22.0	29.5	14.5	23.0	
Std. Dev. ( $\sigma$ )	7.4	4.3	5.2	2.5	6.0	



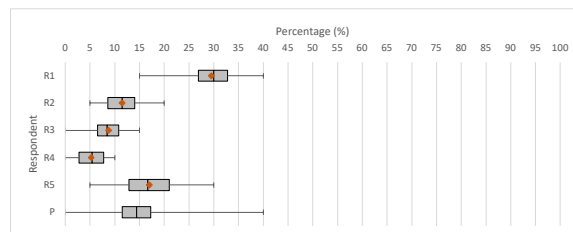
3 Of those who would otherwise be admitted through the ED, but discharged from the EECU - What % or proportion would you expect to be 'headed-off from the ED' via the CARE Centre?

Percentage (%)	Respondent					P
	R1	R2	R3	R4	R5	
Min	15.0	5.0	5.0	10.0	20.0	5.0
Q1	26.9	8.6	13.0	17.5	40.0	21.2
Median	30.0	11.5	17.5	20.5	46.7	25.2
Q3	32.8	14.0	25.0	23.0	55.0	30.0
Max	40.0	20.0	40.0	30.0	75.0	75.0
Mean ( $\mu$ )	29.5	11.5	19.3	20.3	47.3	
Std. Dev. ( $\sigma$ )	4.4	3.5	8.5	3.4	12.7	



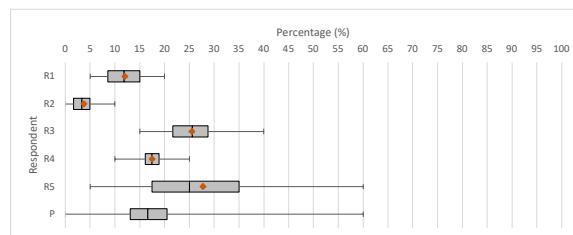
4 Of those who would otherwise be admitted through the ED, but discharged from the EECU - What % or proportion would you expect to be 'headed-off from the ED' via an Eyes On Scene home visit?

Percentage (%)	Respondent					P
	R1	R2	R3	R4	R5	
Min	15.0	5.0	0.0	0.0	5.0	0.0
Q1	26.9	8.6	6.5	2.8	12.9	11.5
Median	30.0	11.5	8.5	5.5	16.7	14.4
Q3	32.8	14.0	10.8	7.7	21.0	17.3
Max	40.0	20.0	15.0	10.0	30.0	40.0
Mean ( $\mu$ )	29.5	11.5	8.8	5.3	17.0	
Std. Dev. ( $\sigma$ )	4.4	3.5	2.8	2.6	5.1	



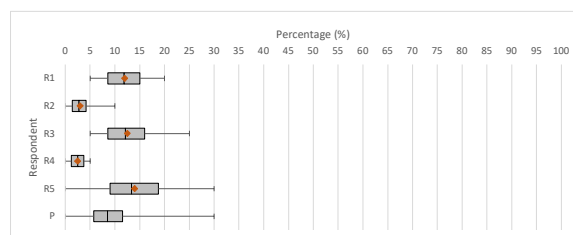
5 Of those who would otherwise be admitted through the ED, and spend time on a ward - What % or proportion would you expect to be 'headed-off from the ED' via the Care Centre?

Percentage (%)	Respondent					P
	R1	R2	R3	R4	R5	
Min	5.0	0.0	15.0	10.0	5.0	0.0
Q1	8.6	1.7	21.7	16.1	17.5	13.1
Median	11.9	3.3	25.6	17.5	25.0	16.7
Q3	15.0	5.0	28.8	18.9	35.0	20.5
Max	20.0	10.0	40.0	25.0	60.0	60.0
Mean ( $\mu$ )	12.0	3.8	25.5	17.5	27.8	
Std. Dev. ( $\sigma$ )	3.9	2.2	5.2	1.6	13.8	



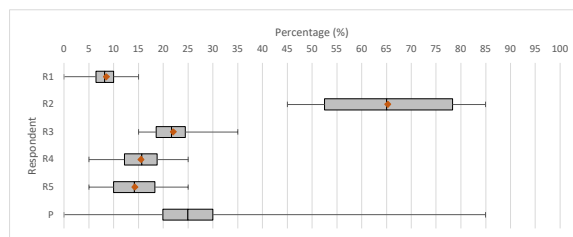
6 Of those who would otherwise be admitted through the ED, and spend time on a ward - What % or proportion would you expect to be 'headed-off from the ED' via an Eyes On Scene home visit?

Percentage (%)	Respondent					P
	R1	R2	R3	R4	R5	
Min	5.0	0.0	5.0	0.0	0.0	0.0
Q1	8.6	1.4	8.6	1.3	9.0	5.8
Median	11.9	2.8	12.1	2.5	13.3	8.5
Q3	15.0	4.2	16.0	3.8	18.8	11.5
Max	20.0	10.0	25.0	5.0	30.0	30.0
Mean ( $\mu$ )	12.0	3.0	12.5	2.5	14.0	
Std. Dev. ( $\sigma$ )	3.9	1.5	4.6	0.0	6.5	



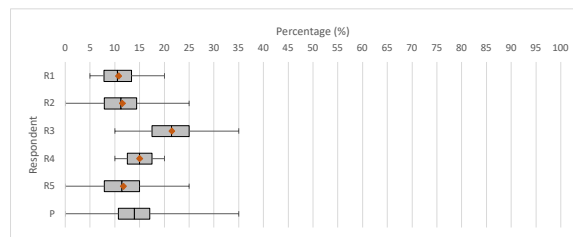
7 Of those who visit the CARE centre - What % or proportion would you expect to be referred on to Out-Of-Hospital care e.g., GEM@Home?

	Respondent					P
	R1	R2	R3	R4	R5	
Min	0.0	45.0	15.0	5.0	5.0	0.0
Q1	6.4	52.5	18.6	12.1	10.0	19.9
Median	8.2	65.0	21.7	15.6	14.2	24.9
Q3	10.0	78.3	24.4	18.8	18.3	30.0
Max	15.0	85.0	35.0	25.0	25.0	85.0
Mean ( $\mu$ )	8.5	65.3	22.0	15.5	14.3	
Std. Dev. ( $\sigma$ )	2.6	13.4	4.3	4.4	5.2	



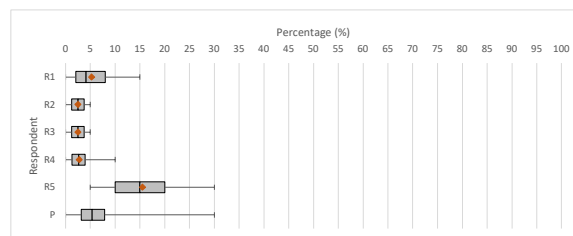
8 Of those who visit the CARE centre - What % or proportion would you expect to be stepped-up into a hospital presentation?

	Respondent					P
	R1	R2	R3	R4	R5	
Min	5.0	0.0	10.0	10.0	0.0	0.0
Q1	7.8	7.9	17.5	12.5	7.9	10.7
Median	10.6	11.3	21.4	15.0	11.4	13.9
Q3	13.3	14.4	25.0	17.5	15.0	17.0
Max	20.0	25.0	35.0	20.0	25.0	35.0
Mean ( $\mu$ )	10.8	11.5	21.5	15.0	11.8	
Std. Dev. ( $\sigma$ )	3.4	4.8	5.3	2.6	4.9	



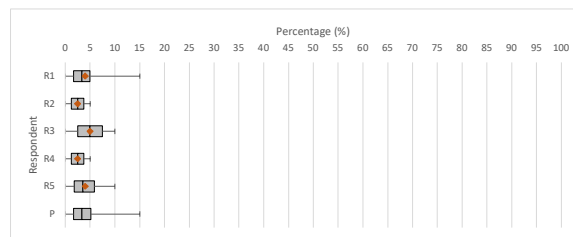
9 Of those who receive an Eyes on Scene home visit - What % or proportion would you expect to subsequently visit the CARE centre?

	Respondent					P
	R1	R2	R3	R4	R5	
Min	0.0	0.0	0.0	0.0	5.0	0.0
Q1	2.1	1.3	1.3	1.3	10.0	3.2
Median	4.2	2.5	2.5	2.6	15.0	5.4
Q3	8.0	3.8	3.8	3.9	20.0	7.9
Max	15.0	5.0	5.0	10.0	30.0	30.0
Mean ( $\mu$ )	5.3	2.5	2.5	2.8	15.5	
Std. Dev. ( $\sigma$ )	3.8	0.0	0.0	1.1	6.6	



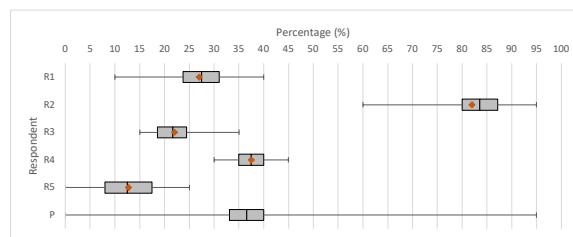
10 Of those who receive an Eyes on Scene home visit - What % or proportion would you expect to be stepped-up into a hospital presentation?

	Respondent					P
	R1	R2	R3	R4	R5	
Min	0.0	0.0	0.0	0.0	0.0	0.0
Q1	1.7	1.3	2.5	1.3	1.8	1.7
Median	3.3	2.5	5.0	2.5	3.6	3.4
Q3	5.0	3.8	7.5	3.8	5.8	5.2
Max	15.0	5.0	10.0	5.0	10.0	15.0
Mean ( $\mu$ )	4.0	2.5	5.0	2.5	4.0	
Std. Dev. ( $\sigma$ )	2.9	0.0	2.6	0.0	2.4	



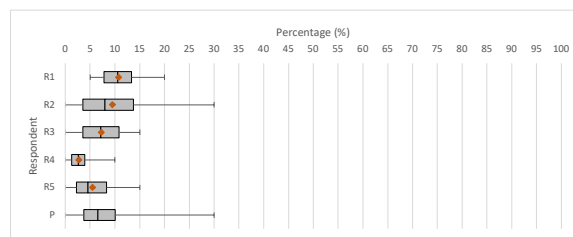
11 Of those who visit the CARE centre, following a home visit - What % or proportion would you expect to be referred on to Out-Of-Hospital care e.g., GEM@Home?

	Respondent					P
	R1	R2	R3	R4	R5	
Min	10.0	60.0	15.0	30.0	0.0	0.0
Q1	23.8	80.0	18.6	35.0	8.0	33.1
Median	27.5	83.6	21.7	37.5	12.5	36.5
Q3	31.0	87.1	24.4	40.0	17.5	40.0
Max	40.0	95.0	35.0	45.0	25.0	95.0
Mean ( $\mu$ )	27.0	82.0	22.0	37.5	12.8	
Std. Dev. ( $\sigma$ )	5.8	7.4	4.3	3.6	6.2	



12 Of those who visit the CARE centre, following a home visit - What % or proportion would you expect to be stepped-up into a hospital presentation?

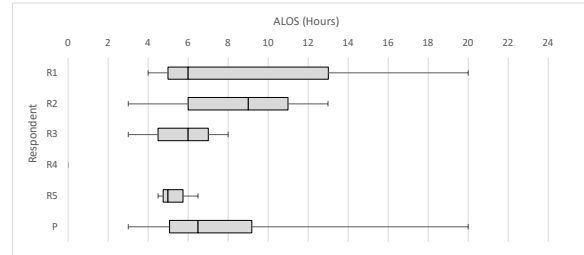
	Respondent					P
	R1	R2	R3	R4	R5	
Min	5.0	0.0	0.0	0.0	0.0	0.0
Q1	7.8	3.6	3.6	1.3	2.3	3.7
Median	10.6	8.0	7.1	2.6	4.5	6.6
Q3	13.3	13.8	10.8	3.9	8.3	10.0
Max	20.0	30.0	15.0	10.0	15.0	30.0
Mean ( $\mu$ )	10.8	9.5	7.3	2.8	5.5	
Std. Dev. ( $\sigma$ )	3.4	7.3	4.1	1.1	3.8	



## ED ALOS

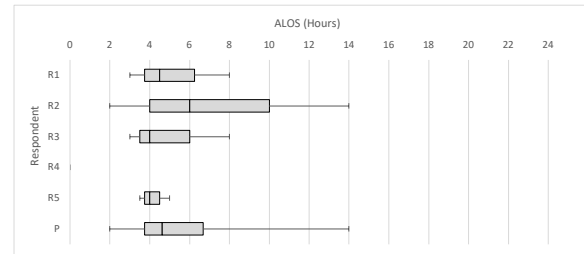
### 13 Those who continue to present to the ED (i.e., not headed-off), but who are not admitted

ALOS (Hours)		Respondent					P
		R1	R2	R3	R4	R5	
Lowest	Best Estimate	4.0	3.0	3.0		4.5	3.0
	Best Estimate	6.0	9.0	6.0		5.0	6.5
	Best Estimate	20.0	13.0	8.0		6.5	20.0
Calc. Q1		5.0	6.0	4.5		4.8	5.1
Calc. Q3		13.0	11.0	7.0		5.8	9.2



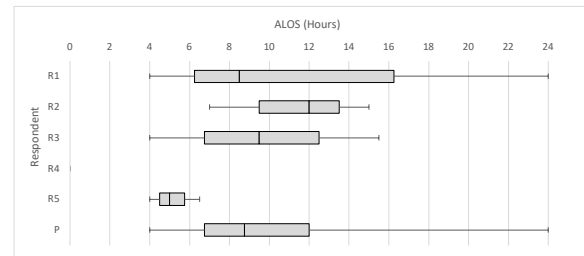
### 14 Those who continue to present to the ED (i.e., not headed-off), and admitted but discharged from the EECU

ALOS (Hours)		Respondent					P
		R1	R2	R3	R4	R5	
Lowest	Best Estimate	3.0	2.0	3.0		3.5	2.0
	Best Estimate	4.5	6.0	4.0		4.0	4.6
	Best Estimate	8.0	14.0	8.0		5.0	14.0
Calc. Q1		3.8	4.0	3.5		3.8	3.8
Calc. Q3		6.3	10.0	6.0		4.5	6.7



### 15 Those who continue to present to the ED (i.e., not headed-off), admitted and receive ward-based care

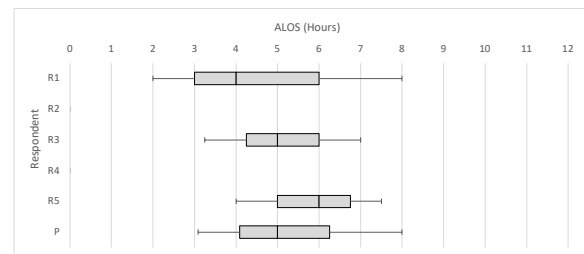
ALOS (Hours)		Respondent					P
		R1	R2	R3	R4	R5	
Lowest	Best Estimate	4.0	7.0	4.0		4.0	4.0
	Best Estimate	8.5	12.0	9.5		5.0	8.8
	Best Estimate	24.0	15.0	15.5		6.5	24.0
Calc. Q1		6.3	9.5	6.8		4.5	6.8
Calc. Q3		16.3	13.5	12.5		5.8	12.0



## CARE &/or EOS Service ALOS

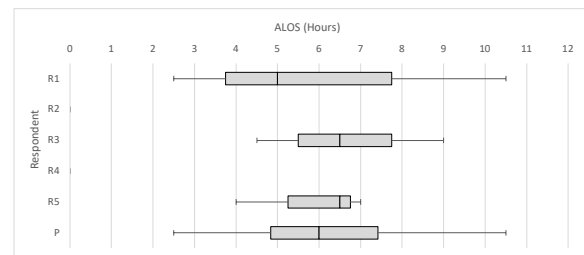
### 16 Those who are headed-off from the ED, via the CARE centre

ALOS (Hours)		Respondent					P
		R1	R2	R3	R4	R5	
Lowest	Best Estimate	2.0		3.5		4.0	2.0
	Best Estimate	4.0		5.0		6.0	5.0
	Best Estimate	8.0		7.0		7.5	8.0
Calc. Q1		3.0		4.3		5.0	4.1
Calc. Q3		6.0		6.0		6.8	6.3



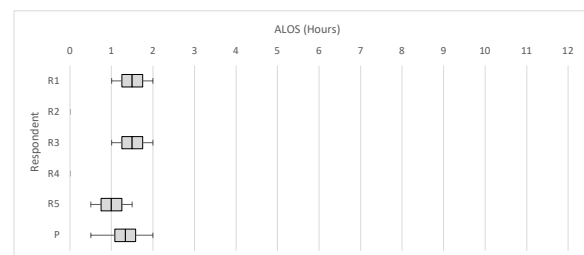
### 17 Those who are headed-off from the ED via the CARE centre, and having first had a home visit from the EOS team

ALOS (Hours)		Respondent					P
		R1	R2	R3	R4	R5	
Lowest	Best Estimate	2.5		4.5		4.0	2.5
	Best Estimate	5.0		6.5		6.5	6.0
	Best Estimate	10.5		9.0		7.0	10.5
Calc. Q1		3.8		5.5		5.3	4.8
Calc. Q3		7.8		7.8		6.8	7.4



### 18 Those who are headed-off from the ED and do not visit the CARE centre after having a home visit from the EOS team

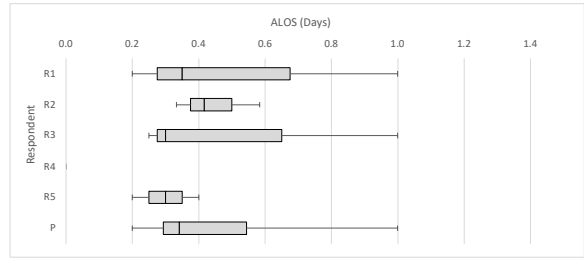
ALOS (Hours)		Respondent					P
		R1	R2	R3	R4	R5	
Lowest	Best Estimate	1.0		1.0		0.5	0.5
	Best Estimate	1.5		1.5		1.0	1.3
	Best Estimate	2.0		2.0		1.5	2.0
Calc. Q1		1.3		1.3		0.8	1.1
Calc. Q3		1.8		1.8		1.3	1.6



## Inpatient ALOS

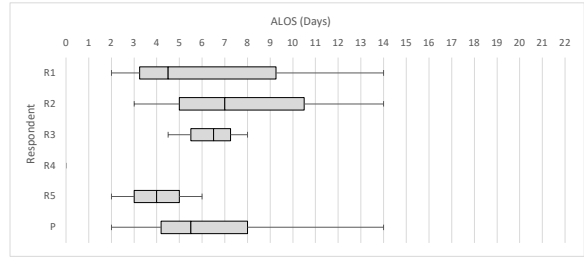
### 19 Those who continue to present to the ED (i.e., not headed-off), and admitted but discharged from the EECU

ALOS (Days)		Respondent					P
		R1	R2	R3	R4	R5	
ALOS (Days)	Lowest	0.2	0.3	0.3		0.2	0.2
	Best Estimate	0.4	0.4	0.3		0.3	0.3
	Highest	1.0	0.6	1.0		0.4	1.0
	Calc. Q1	0.3	0.4	0.3		0.3	0.3
	Calc. Q3	0.7	0.5	0.7		0.4	0.5



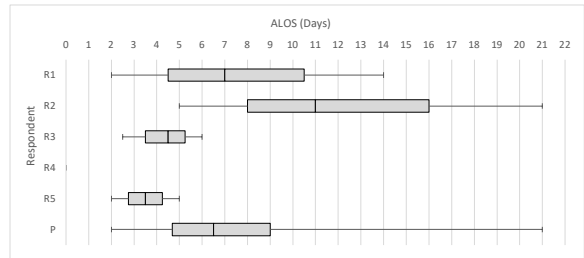
### 20 Those who continue to present to the ED (i.e., not headed-off), admitted and receive ward-based care

ALOS (Days)		Respondent					P
		R1	R2	R3	R4	R5	
ALOS (Days)	Lowest	2.0	3.0	4.5		2.0	2.0
	Best Estimate	4.5	7.0	6.5		4.0	5.5
	Highest	14.0	14.0	8.0		6.0	14.0
	Calc. Q1	3.3	5.0	5.5		3.0	4.2
	Calc. Q3	9.3	10.5	7.3		5.0	8.0



### 21 Those who are headed-off from the ED, and who are stepped-up into an admission, via the CARE centre

ALOS (Days)		Respondent					P
		R1	R2	R3	R4	R5	
ALOS (Days)	Lowest	2.0	5.0	2.5		2.0	2.0
	Best Estimate	7.0	11.0	4.5		3.5	6.5
	Highest	14.0	21.0	6.0		5.0	21.0
	Calc. Q1	4.5	8.0	3.5		2.8	4.7
	Calc. Q3	10.5	16.0	5.3		4.3	9.0



### 22 Those who are headed-off from the ED, and who are stepped-up into an admission, via the CARE centre and having first had a home visit from the EOS team

ALOS (Days)		Respondent					P
		R1	R2	R3	R4	R5	
ALOS (Days)	Lowest	2.0	5.0	2.5		1.5	1.5
	Best Estimate	7.0	11.0	4.5		3.0	6.4
	Highest	14.0	21.0	6.0		4.5	21.0
	Calc. Q1	4.5	8.0	3.5		2.3	4.6
	Calc. Q3	10.5	16.0	5.3		3.8	8.9

