

DCA  $\Lambda(\bar{\Lambda})$ 

Pair Type	Centrality	p-value	
		0.4 vs 0.5 mm	0.5 vs 0.6 mm
$\Lambda K_S^0$	0-10%	0.36	0.05
	10-30%	0.10	0.37
	30-50%	0.27	6.7e-8
$\bar{\Lambda} K_S^0$	0-10%	0.08	3.2e-4
	10-30%	0.15	0.31
	30-50%	3.7e-3	7.1e-3

**Table 1:** DCA V0 LamK0 captionDCA  $K_S^0$ 

Pair Type	Centrality	p-value	
		0.2 vs 0.3 mm	0.3 vs 0.4 mm
$\Lambda K_S^0$	0-10%	0.32	0.76
	10-30%	2.1e-3	0.13
	30-50%	0.04	0.06
$\bar{\Lambda} K_S^0$	0-10%	2.8e-7	1.3e-4
	10-30%	0.22	0.62
	30-50%	0.76	0.02

**Table 2:** DCA V0 LamK0 captionDCA  $\Lambda(\bar{\Lambda})$  Daughters

Pair Type	Centrality	p-value	
		0.3 vs 0.4 mm	0.4 vs 0.5 mm
$\Lambda K_S^0$	0-10%	0.39	0.51
	10-30%	0.30	0.84
	30-50%	1.3e-38	8.7e-3
$\bar{\Lambda} K_S^0$	0-10%	0.35	0.07
	10-30%	0.07	0.13
	30-50%	0.44	0.01

**Table 3:** DCA  $\Lambda(\bar{\Lambda})$  Daughters LamK0 caption

## 1 Systematic Errors

This study is currently ongoing. See Table 1.

### 1.1 Systematic Errors: $\Lambda K_S^0$

Talk about stuff

### 1.2 Systematic Errors: $\Lambda K^\pm$

Talk about stuff

DCA $K_S^0$ Daughters			
Pair Type	Centrality	p-value	
		0.2 vs 0.3 mm	0.3 vs 0.4 mm
$\Lambda K_S^0$	0-10%	0.08	0.29
	10-30%	0.01	0.47
	30-50%	6.6e-3	0.82
$\bar{\Lambda} K_S^0$	0-10%	0.38	0.44
	10-30%	0.13	0.25
	30-50%	0.06	0.53

**Table 4:** DCA  $K_S^0$  Daughters LamK0 caption

DCA $\Lambda(\bar{\Lambda})$			
Pair Type	Centrality	p-value	
		0.4 vs 0.5 mm	0.5 vs 0.6 mm
$\Lambda K^+$	0-10%	0.01	3.2e-5
	10-30%	5.9e-3	0.22
	30-50%	0.85	0.84
$\bar{\Lambda} K^-$	0-10%	0.15	0.03
	10-30%	3.1e-4	0.42
	30-50%	7.2e-3	0.42
$\Lambda K^-$	0-10%	0.35	0.05
	10-30%	1.4e-5	5.6e-3
	30-50%	0.05	0.70
$\bar{\Lambda} K^+$	0-10%	0.84	0.16
	10-30%	0.16	3.3e-3
	30-50%	2.5e-4	0.20

**Table 5:** DCA V0 LamKch caption

DCA $\Lambda(\bar{\Lambda})$ Daughters			
Pair Type	Centrality	p-value	
		0.3 vs 0.4 mm	0.4 vs 0.5 mm
$\Lambda K^+$	0-10%	0.79	0.06
	10-30%	0.10	0.60
	30-50%	8.4e-3	0.25
$\bar{\Lambda} K^-$	0-10%	2.4e-4	0.63
	10-30%	0.06	3.3e-4
	30-50%	0.03	0.04
$\Lambda K^-$	0-10%	0.70	0.40
	10-30%	0.94	0.04
	30-50%	0.05	9.5e-5
$\bar{\Lambda} K^+$	0-10%	0.09	0.04
	10-30%	0.10	0.17
	30-50%	0.10	0.43

**Table 6:** DCA  $\Lambda(\bar{\Lambda})$  Daughters LamKch caption