

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:**  $\Lambda(\bar{\Lambda})K_S^0$  Analyses: DCA  $\Lambda(\bar{\Lambda})$  caption

DCA $K_S^0$			
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:**  $\Lambda(\bar{\Lambda})K_S^0$  Analyses: DCA  $K_S^0$  caption

DCA $\Lambda(\bar{\Lambda})$ Daughters			
Pair Type	Centrality	p-value	
		0.3 vs 0.4 mm	0.4 vs 0.5 mm
$\Lambda K_S^0$	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:**  $\Lambda(\bar{\Lambda})K_S^0$  Analyses: DCA  $\Lambda(\bar{\Lambda})$  Daughters

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

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:**  $\Lambda(\bar{\Lambda})K_S^0$  Analyses: DCA  $K_S^0$  Daughters

$\Lambda(\bar{\Lambda})$ Cosine of Pointing Angle			
Pair Type	Centrality	p-value	
		0.9992 vs 0.9993 mm	0.9993 vs 0.9994 mm
$\Lambda K_S^0$	0-10%	0.17	0.50
	10-30%	1.2e-3	0.10
	30-50%	5.4e-3	5.6e-9
$\bar{\Lambda} K_S^0$	0-10%	0.87	0.77
	10-30%	0.09	0.13
	30-50%	9.8e-9	0.09

**Table 5:**  $\Lambda(\bar{\Lambda})K_S^0$  Analyses:  $\Lambda(\bar{\Lambda})$  Cosine of Pointing Angle

$K_S^0$ Cosine of Pointing Angle			
Pair Type	Centrality	p-value	
		0.9992 vs 0.9993 mm	0.9993 vs 0.9994 mm
$\Lambda K_S^0$	0-10%	0.02	0.01
	10-30%	0.34	0.63
	30-50%	0.55	1.8e-7
$\bar{\Lambda} K_S^0$	0-10%	0.30	0.18
	10-30%	2.2e-4	0.32
	30-50%	0.41	0.11

**Table 6:**  $\Lambda(\bar{\Lambda})K_S^0$  Analyses:  $K_S^0$  Cosine of Pointing Angle