

1 Supplementary material for LHCb-PAPER-2016-024

This appendix contains supplementary material that will be posted on the public cds record, but will not appear in the paper.

The fractional contributions of $W \rightarrow e\nu$ to the signal region in bins of η^e are listed in Table 1. The corresponding fit qualities are given in Table 2.

Table 1: The signal fraction in bins of lepton pseudorapidity. The uncertainties are statistical only.

η^e	Fractional signal contribution [%]	
	e^+	e^-
2.00 - 2.25	67.5 ± 0.7	56.2 ± 1.0
2.25 - 2.50	70.4 ± 0.6	59.0 ± 0.8
2.50 - 2.75	68.6 ± 0.5	57.1 ± 0.8
2.75 - 3.00	66.8 ± 0.6	57.9 ± 0.8
3.00 - 3.25	66.2 ± 0.6	59.6 ± 0.8
3.25 - 3.50	56.5 ± 0.9	53.9 ± 1.2
3.50 - 3.75	49.8 ± 1.3	52.5 ± 1.5
3.75 - 4.25	37.1 ± 2.4	47.8 ± 1.9

Table 2: The χ^2/ndf of the fits in bins of lepton pseudorapidity.

η^e	χ^2/ndf	
	e^+	e^-
2.00 - 2.25	1.9	1.0
2.25 - 2.50	2.1	1.9
2.50 - 2.75	2.2	1.8
2.75 - 3.00	1.5	2.3
3.00 - 3.25	1.5	1.5
3.25 - 3.50	1.5	1.3
3.50 - 3.75	1.3	0.9
3.75 - 4.25	1.4	1.1