$\|\eta\|$ bin	0.0–0.2	0.2–0.4	0.4–0.6	0.6–0.8	0.8–1.0	1.0–1.2	1.2–1.4	1.4–1.6	1.6–1.85	1.85–2.1	2.1–2.4
Correlation matrix of systematic uncertainties in $\sigma_\eta^\pm$											
C_{++}											
0.00–0.20	100.0	90.3	91.3	91.2	90.2	81.8	69.4	63.3	32.9	6.1	−37.2
0.20–0.40		100.0	92.5	92.4	92.2	74.9	58.6	51.1	16.2	−11.8	−54.7
0.40–0.60			100.0	92.5	92.1	79.2	64.8	57.9	25.0	−2.8	−46.6
0.60–0.80				100.0	92.2	79.5	65.4	58.6	25.8	−1.9	−46.0
0.80–1.00					100.0	78.3	63.7	56.7	23.2	−4.5	−48.7
1.00–1.20						100.0	82.8	79.9	60.0	38.5	−3.9
1.20–1.40							100.0	85.6	74.8	58.4	20.5
1.40–1.60								100.0	79.8	65.6	30.0
1.60–1.85									100.0	86.6	64.5
1.85–2.10										100.0	83.8
2.10–2.40											100.0
C_{--}											
0.00–0.20	100.0	91.1	92.1	91.9	91.2	81.8	64.8	65.6	38.5	19.0	−31.5
0.20–0.40		100.0	92.8	92.3	91.2	74.6	53.0	54.4	23.1	2.2	−48.8
0.40–0.60			100.0	92.8	92.1	80.1	61.2	62.5	33.3	12.8	−38.7
0.60–0.80				100.0	92.3	81.3	63.4	64.6	36.2	15.8	−35.9
0.80–1.00					100.0	82.5	65.4	66.8	39.0	18.6	−33.3
1.00–1.20						100.0	83.5	84.1	67.9	52.2	5.4
1.20–1.40							100.0	88.9	83.9	73.2	35.4
1.40–1.60								100.0	83.8	72.6	33.1
1.60–1.85									100.0	88.5	64.4
1.85–2.10										100.0	80.4
2.10–2.40											100.0
C_{+-}											
0.00–0.20	92.7	89.5	90.1	89.9	89.0	78.7	61.1	61.7	34.6	16.0	−32.9
0.20–0.40	88.9	94.4	90.7	90.1	88.8	71.2	49.0	50.1	18.8	−1.2	−50.5
0.40–0.60	90.0	91.7	93.6	90.9	89.9	76.0	55.9	56.9	27.4	7.6	−42.2
0.60–0.80	89.7	91.4	90.9	93.2	89.9	76.2	56.4	57.3	28.1	8.3	−41.6
0.80–1.00	88.8	91.3	90.5	90.4	92.0	74.9	54.6	55.7	25.9	5.9	−44.1
1.00–1.20	80.4	74.4	78.8	80.1	80.8	87.9	77.4	77.4	60.4	45.7	0.8
1.20–1.40	68.5	58.5	65.4	67.3	68.7	82.1	86.3	82.8	74.5	63.8	25.2
1.40–1.60	62.6	51.2	59.0	61.2	62.9	80.1	84.7	86.4	79.6	70.5	34.8
1.60–1.85	32.7	16.8	26.9	29.8	32.2	61.8	78.4	77.1	89.1	87.0	68.2
1.85–2.10	6.0	−11.4	−0.8	2.3	4.9	40.4	63.9	61.7	82.1	91.4	86.0
2.10–2.40	−36.9	−54.0	−44.2	−41.7	−39.3	−1.0	29.0	26.2	58.5	75.1	98.2
Correlation matrix of systematic uncertainties in $\mathcal{A}$											
0.00–0.20	100.0	27.2	27.4	26.8	24.8	26.7	24.3	27.0	26.1	25.0	19.7
0.20–0.40		100.0	27.8	27.2	24.5	27.3	24.1	28.9	27.8	28.1	22.5
0.40–0.60			100.0	28.3	27.4	28.6	27.0	29.9	29.5	28.0	21.4
0.60–0.80				100.0	29.3	29.0	29.1	30.6	30.9	28.7	22.2
0.80–1.00					100.0	29.7	32.8	32.0	33.0	28.4	20.7
1.00–1.20						100.0	31.2	33.6	34.3	31.9	25.4
1.20–1.40							100.0	34.2	36.8	30.6	25.1
1.40–1.60								100.0	39.1	37.4	31.0
1.60–1.85									100.0	38.6	33.3
1.85–2.10										100.0	42.0
2.10–2.40											100.0