

Coefficient	Measured	POWHEG v2	MG5_aMC@NLO	NLO calculation
B_1^k	0.005 ± 0.023	$0.004^{+0.001}_{-0.001}$	$0.000^{+0.001}_{-0.001}$	$4.0^{+1.7}_{-1.2} \times 10^{-3}$
B_2^k	0.007 ± 0.023	$0.006^{+0.001}_{-0.001}$	$-0.002^{+0.001}_{-0.001}$	$4.0^{+1.7}_{-1.2} \times 10^{-3}$
B_1^r	-0.023 ± 0.017	$0.002^{+0.001}_{-0.001}$	$0.002^{+0.001}_{-0.001}$	$1.6^{+1.2}_{-0.9} \times 10^{-3}$
B_2^r	-0.010 ± 0.020	$0.003^{+0.001}_{-0.001}$	$0.000^{+0.001}_{-0.001}$	$1.6^{+1.2}_{-0.9} \times 10^{-3}$
B_1^n	0.006 ± 0.013	$-0.001^{+0.001}_{-0.001}$	$0.001^{+0.001}_{-0.001}$	$5.7^{+0.5}_{-0.4} \times 10^{-3}$
B_2^n	0.017 ± 0.013	$-0.001^{+0.001}_{-0.001}$	$0.000^{+0.001}_{-0.001}$	$5.7^{+0.5}_{-0.4} \times 10^{-3}$
B_1^{k*}	-0.016 ± 0.018	$-0.001^{+0.001}_{-0.001}$	$0.000^{+0.001}_{-0.001}$	$<10^{-3}$
B_2^{k*}	0.007 ± 0.019	$0.001^{+0.001}_{-0.001}$	$0.003^{+0.002}_{-0.001}$	$<10^{-3}$
B_1^{r*}	0.001 ± 0.017	$0.000^{+0.001}_{-0.001}$	$0.000^{+0.001}_{-0.001}$	$<10^{-3}$
B_2^{r*}	0.010 ± 0.017	$0.001^{+0.001}_{-0.001}$	$0.001^{+0.001}_{-0.001}$	$<10^{-3}$
C_{kk}	0.300 ± 0.038	$0.314^{+0.005}_{-0.004}$	$0.325^{+0.011}_{-0.006}$	$0.331^{+0.002}_{-0.002}$
C_{rr}	0.081 ± 0.032	$0.048^{+0.007}_{-0.006}$	$0.052^{+0.007}_{-0.005}$	$0.071^{+0.008}_{-0.006}$
C_{nn}	0.329 ± 0.020	$0.317^{+0.001}_{-0.001}$	$0.324^{+0.002}_{-0.002}$	$0.326^{+0.002}_{-0.002}$
$C_{rk} + C_{kr}$	-0.193 ± 0.064	$-0.201^{+0.004}_{-0.003}$	$-0.198^{+0.004}_{-0.005}$	$-0.206^{+0.002}_{-0.002}$
$C_{rk} - C_{kr}$	0.057 ± 0.046	$-0.001^{+0.002}_{-0.002}$	$0.004^{+0.002}_{-0.002}$	0
$C_{nr} + C_{rn}$	-0.004 ± 0.037	$-0.003^{+0.002}_{-0.002}$	$0.001^{+0.002}_{-0.002}$	$1.06^{+0.01}_{-0.01} \times 10^{-3}$
$C_{nr} - C_{rn}$	-0.001 ± 0.038	$0.002^{+0.002}_{-0.002}$	$0.001^{+0.003}_{-0.002}$	0
$C_{nk} + C_{kn}$	-0.043 ± 0.041	$-0.002^{+0.002}_{-0.002}$	$0.003^{+0.002}_{-0.002}$	$2.15^{+0.04}_{-0.07} \times 10^{-3}$
$C_{nk} - C_{kn}$	0.040 ± 0.029	$-0.001^{+0.002}_{-0.002}$	$-0.001^{+0.002}_{-0.002}$	0
D	-0.237 ± 0.011	$-0.226^{+0.003}_{-0.004}$	$-0.233^{+0.004}_{-0.006}$	$-0.243^{+0.003}_{-0.003}$
$A_{\cos\varphi}^{\text{lab}}$	0.167 ± 0.010	$0.161^{+0.002}_{-0.002}$	$0.174^{+0.004}_{-0.003}$	$0.181^{+0.004}_{-0.003}$
$A_{ \Delta\phi_{\ell\ell} }$	0.103 ± 0.008	$0.125^{+0.004}_{-0.005}$	$0.115^{+0.003}_{-0.005}$	$0.108^{+0.009}_{-0.012}$