	$\kappa_{\rm NR}^{2K2\pi}$	$\kappa_{\rm NR}^{4K}$	$\kappa_{\rm NR}^{4\pi}$	$\kappa_{\rm bkg}^{2K2\pi}$	$\kappa_{\rm bkg}^{4K}$	$\kappa_{\rm bkg}^{4\pi}$	$\xi_{\rm NR}^{2K2\pi}$	$\xi_{\rm NR}^{4K}$	$\xi_{\rm NR}^{4\pi}$
$\mathcal{B}(B_s^0 \to \eta_c\phi)$	+0.22	−0.00	−0.05	−0.19	+0.00	−0.00	+0.55	+0.04	+0.13
$\kappa_{\rm NR}^{2K2\pi}$		−0.00	−0.01	+0.65	−0.00	−0.00	+0.07	+0.01	+0.02
$\kappa_{\rm NR}^{4K}$			−0.01	+0.00	−0.06	−0.00	+0.00	+0.37	+0.02
$\kappa_{\rm NR}^{4\pi}$				−0.00	−0.01	+0.25	−0.10	+0.09	−0.72
$\kappa_{\rm bkg}^{2K2\pi}$					+0.00	−0.00	−0.47	−0.01	−0.01
$\kappa_{\rm bkg}^{4K}$						−0.00	+0.01	−0.21	+0.02
$\kappa_{\rm bkg}^{4\pi}$							−0.01	+0.01	−0.07
$\xi_{\rm NR}^{2K2\pi}$								−0.02	+0.17
$\xi_{\rm NR}^{4K}$									−0.12

	$\xi_{\rm bkg}^{2K2\pi}$	$\xi_{\rm bkg}^{4K}$	$\xi_{\rm bkg}^{4\pi}$	m_{η_c}	$m_{J/\psi}$	$\delta\varphi_{2K2\pi}$	$\delta\varphi_{4K}$	$\delta\varphi_{4\pi}$
$\mathcal{B}(B_s^0 \to \eta_c\phi)$	−0.40	−0.04	−0.11	−0.02	+0.00	−0.23	+0.28	−0.44
$\kappa_{\rm NR}^{2K2\pi}$	−0.00	−0.01	−0.02	+0.01	+0.00	−0.02	+0.06	−0.09
$\kappa_{\rm NR}^{4K}$	−0.00	−0.26	−0.01	−0.03	−0.00	+0.01	−0.10	+0.00
$\kappa_{\rm NR}^{4\pi}$	+0.05	−0.05	+0.52	+0.45	−0.04	−0.15	+0.02	+0.09
$\kappa_{\rm bkg}^{2K2\pi}$	+0.55	+0.01	+0.01	−0.03	+0.00	+0.49	−0.05	+0.08
$\kappa_{\rm bkg}^{4K}$	−0.00	+0.04	−0.01	−0.03	−0.00	+0.01	−0.17	−0.00
$\kappa_{\rm bkg}^{4\pi}$	+0.00	−0.00	−0.33	+0.04	−0.00	−0.01	+0.00	+0.03
$\xi_{\rm NR}^{2K2\pi}$	−0.82	−0.00	−0.12	−0.18	+0.01	−0.23	+0.14	−0.24
$\xi_{\rm NR}^{4K}$	−0.00	−0.52	+0.07	+0.21	−0.01	−0.08	+0.07	−0.01
$\xi_{\rm NR}^{4\pi}$	−0.09	+0.06	−0.49	−0.61	+0.01	+0.18	−0.01	+0.05
$\xi_{\rm bkg}^{2K2\pi}$		+0.01	+0.07	+0.07	−0.02	+0.41	−0.11	+0.18
$\xi_{\rm bkg}^{4K}$			−0.03	−0.11	−0.02	+0.05	−0.26	+0.01
$\xi_{\rm bkg}^{4\pi}$				+0.34	−0.02	−0.09	−0.01	+0.28
m_{η_c}					−0.01	−0.35	+0.07	+0.02
$m_{J/\psi}$						+0.01	+0.01	−0.01
$\delta\varphi_{2K2\pi}$							−0.09	+0.10
$\delta\varphi_{4K}$								−0.12