Decay channel	Factors (in %) forming $\varepsilon_{\rm tot}$(in %) $\varepsilon_{\rm det} \times \varepsilon_{\rm rec/det} \times \varepsilon_{\rm sel/rec} \times \varepsilon_{\rm trg/sel} = \varepsilon_{\rm tot}$					Assumed visible BR (in 10^{-6})	Annual signal yield	B/S ratio from incl. $b\bar{b}$ back.
	$\varepsilon_{\rm det}$	$\varepsilon_{\rm rec/det}$	$\varepsilon_{\rm sel/rec}$	$\varepsilon_{\rm trg/sel}$	$\varepsilon_{\rm tot}$			
$B^0 \to \pi^+\pi^-$	12.2	91.6	18.3	33.6	0.688	4.8	26. k	< 0.7
$B^0 \to K^+\pi^-$	12.2	92.0	25.2	33.2	0.94	18.5	135. k	0.16 ± 0.04
$B^0_s \to \pi^+K^-$	12.0	92.1	13.5	36.7	0.548	4.8	5.3 k	< 1.3
$B^0_s \to K^+K^-$	12.0	92.5	28.6	31.1	0.988	18.5	37. k	0.31 ± 0.10
$B^0 \to \rho\pi$	6.0	65.5	2.0	36.0	0.028	20.	4.4 k	< 7.1
$B^0 \to D^{*-}\pi^+$	9.4	77.7	18.5	27.4	0.370	71.	206. k	< 0.3
$B^0 \to \overline{D}^0(K\pi)K^{*0}$	5.3	81.8	22.9	35.4	0.354	1.2	3.4 k	< 0.5
$B^0 \to D^0_{CP}(KK)K^{*0}$	5.2	81.4	29.4	31.2	0.390	0.19	0.59k	< 2.9
$B^0_s \to D^-_s\pi^+$	5.4	80.6	25.0	31.1	0.337	120.	80. k	0.32 ± 0.10
$B^0_s \to D^\mp_s K^\pm$	5.4	82.0	20.6	29.5	0.269	10.	5.4 k	< 1.0
$B^0 \to J/\psi(\mu\mu)K^0_S$	6.5	66.5	53.5	60.5	1.39	19.8	216. k	0.80 ± 0.10
$B^0 \to J/\psi(ee)K^0_S$	5.8	60.8	17.7	26.5	0.164	20.0	25.6 k	0.98 ± 0.21
$B^0 \to J/\psi(\mu\mu)K^{*0}$	7.2	82.7	35.1	69.9	1.462	59.	670. k	0.17 ± 0.03
$B^+ \to J/\psi(\mu\mu)K^+$	11.9	89.6	44.8	68.7	3.28	68.	1740. k	0.37 ± 0.02
$B^0_s \to J/\psi(\mu\mu)\phi$	7.6	82.5	41.6	64.0	1.672	31.	100. k	< 0.3
$B^0_s \to J/\psi(ee)\phi$	6.7	76.5	22.0	28.0	0.315	31.	20. k	0.7 ± 0.2
$B^0_s \to J/\psi(\mu\mu)\eta$	10.1	69.6	10.1	64.8	0.461	7.6	7.0 k	< 5.1
$B^0_s \to \eta_c\phi$	2.6	69.5	15.8	27.	0.078	21.	3.2 k	< 1.4
$B^0_s \to \phi\phi$	6.7	79.7	37.9	23.2	0.470	1.3	1.2 k	< 0.4
$B^0 \to \mu^+\mu^-K^{*0}$	7.2	82.4	16.1	73.5	0.704	0.8	4.4 k	< 2.0
$B^0 \to K^{*0}\gamma$	9.5	86.8	5.0	37.8	0.156	29.	35. k	< 0.7
$B^0_s \to \phi\gamma$	9.7	86.3	7.6	34.3	0.220	21.2	9.3 k	< 2.4
$B^+_c \to J/\psi(\mu\mu)\pi^+$	11.5	89.3	20.7	60.8	1.30	680.	14.0 k	< 0.8