

		$m_a \in [1, 3.5] \text{ GeV}$	$m_a \in [5, 15] \text{ GeV}$	$m_a \in [20, 62.5] \text{ GeV}$
Type-1	$\mathcal{B}(a \rightarrow \mu^+ \mu^-)$	$4.6 \times 10^{-3} - 4.0 \times 10^{-2}$	$2.1 \times 10^{-4} - 1.8 \times 10^{-3}$	$2.0 \times 10^{-4} - 2.2 \times 10^{-4}$
	$\mathcal{B}(a \rightarrow \tau^+ \tau^-)$	0	$5.7 \times 10^{-2} - 3.6 \times 10^{-1}$	$5.5 \times 10^{-2} - 6.3 \times 10^{-2}$
	$\mathcal{B}(a \rightarrow b\bar{b})$	0	—	$8.3 \times 10^{-1} - 8.8 \times 10^{-1}$
Type-2 $\tan \beta = 2$	$\mathcal{B}(a \rightarrow \mu^+ \mu^-)$	$2.5 \times 10^{-2} - 3.8 \times 10^{-2}$	$2.2 \times 10^{-4} - 4.0 \times 10^{-3}$	$2.1 \times 10^{-4} - 2.5 \times 10^{-4}$
	$\mathcal{B}(a \rightarrow \tau^+ \tau^-)$	0	$6.0 \times 10^{-2} - 7.9 \times 10^{-1}$	$5.8 \times 10^{-2} - 7.0 \times 10^{-2}$
	$\mathcal{B}(a \rightarrow b\bar{b})$	0	—	$9.2 \times 10^{-1} - 9.3 \times 10^{-1}$
Type-3 $\tan \beta = 5$	$\mathcal{B}(a \rightarrow \mu^+ \mu^-)$	$7.4 \times 10^{-1} - 9.6 \times 10^{-1}$	$3.5 \times 10^{-3} - 5.0 \times 10^{-3}$	$3.4 \times 10^{-3} - 3.5 \times 10^{-3}$
	$\mathcal{B}(a \rightarrow \tau^+ \tau^-)$	0	$9.1 \times 10^{-1} - 9.9 \times 10^{-1}$	9.7×10^{-1}
	$\mathcal{B}(a \rightarrow b\bar{b})$	0	—	$2.0 \times 10^{-2} - 2.5 \times 10^{-2}$
Type-4 $\tan \beta = 0.5$	$\mathcal{B}(a \rightarrow \mu^+ \mu^-)$	$4.5 \times 10^{-3} - 1.4 \times 10^{-1}$	$1.2 \times 10^{-3} - 1.8 \times 10^{-3}$	$1.1 \times 10^{-3} - 1.2 \times 10^{-3}$
	$\mathcal{B}(a \rightarrow \tau^+ \tau^-)$	0	$3.2 \times 10^{-1} - 3.5 \times 10^{-1}$	$3.0 \times 10^{-1} - 3.3 \times 10^{-1}$
	$\mathcal{B}(a \rightarrow b\bar{b})$	0	—	$2.5 \times 10^{-1} - 3.2 \times 10^{-1}$