Fit with $\tilde{t}_L - \tilde{t}_R$ mixing

m_1 (GeV)	$\hat{\alpha}_s$	$\chi^2/n_{\text{d.o.f.}}$
482	0.116(3)	16.3/15
743	0.117(3)	15.8/15
1289	0.117(3)	15.6/15

For light $m_{\tilde{b}} = 150$ GeV, light $m_2 = m_{\tilde{b}}$ and $m_h = 120$ GeV, the quality of the fit can be the same as in the Standard Model, if m_1 is heavy enough.

m_1 (GeV)	m_2 (GeV)	$\hat{\alpha}_s$	$\chi^2/n_{\text{d.o.f.}}$
1296	193	0.118 ± 0.003	15.6/15
888	167	0.118 ± 0.003	15.8/15
387	131	0.118 ± 0.003	16.1/15
296	72	0.117 ± 0.003	16.7/15

For fixed values of $m_{\tilde{b}} = 200$ GeV and $m_h = 120$ GeV, results of the fit along the valley of minimum χ^2.