Semi-Leptonic Systematics
Two Methods Compared Uncertainty in Δm_d (ps^{-1})

	Lepton+D	Lepton+Tracks
Tracking efficiency	0.017	$<$ 0.001
Detector resolution	0.010	0.013
Lepton ID efficiency	0.003	$<$ 0.001
b fragmentation	0.009	-
Boost	-	0.008
B_d lifetime	0.004	0.009
B_s lifetime	0.009	0.001
B baryon lifetime	0.003	0.004
B_s fraction in $b\bar{b}$	0.004	0.014
B baryon fraction in $b\bar{b}$	0.002	0.015
B_s mixing	0.009	0.006
$b \to c \to l$	0.003	0.013
B.R.$(B_d \to c \to l / b \to c \to l)$	0.003	0.006
B.R.$(B \to D^{**} l\nu / B \to l\nu X)$	0.007	-
B.R.$(B \to DDX)$	0.002	-
Charm lifetime	0.004	0.005
Background parameters	-	0.0024
Tagging parameters	0.011	0.014
Fit Systematics	0.032	-
MC Statistics	0.021	-
Total	0.049	0.035

Lepton+D: $\Delta m_d = 0.452 \pm 0.074(stat.) \pm 0.049(syst.)$ ps^{-1}
Lepton+Tracks: $\Delta m_d = 0.520 \pm 0.072(stat.) \pm 0.035(syst.)$ ps^{-1}