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Erratum: Measurement of the leptonic asymmetry in $t\bar{t}$ events produced in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV [Phys. Rev. D 88, 072003 (2013)]

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It has come to our attention that a minor technical error was made in measuring the forward-backward asymmetry of the lepton in semileptonic decays of top-quark pairs. This error changes the result of the measurement slightly, but it does not affect the conclusions of the Article.

The estimated backgrounds were not subtracted from the data before performing the fit to Eq. (7), $a\tanh(\frac{qy_\ell}{2})$. This affects the best-fit value of a and the extrapolated asymmetry. The uncertainties are unaffected.

The value of a changes from $a = 0.266 \pm 0.079$ to

$$a = 0.298 \pm 0.079.$$

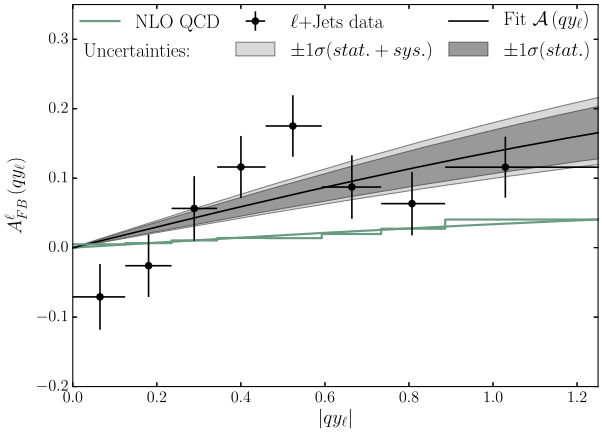

FIG. 7. The binned asymmetry $A_{\mathrm{FB}}^{\ell}(qy_\ell)$ after correcting for acceptance, compared to the NLO QCD prediction of POWHEG. The best fit to Eq. (7) for each is shown as the smooth curve of the same color. The dark (light) gray bands indicate the statistical (total) uncertainty on the fit curve to the data.

TABLE VI. Summary of asymmetries observed in subsamples selected by charge, lepton type, and jet multiplicity. Exclusive categories are grouped together by horizontal lines. Also reported is the inclusive result. Uncertainties include both statistical and systematic contributions.

Sample	Event yield	Raw	Background-subtracted	Fully extrapolated
Electrons	1788	0.050 ± 0.024	0.050 ± 0.033	$0.066^{+0.052}_{-0.049}$
Muons	2076	0.081 ± 0.022	0.087 ± 0.029	$0.137^{+0.039}_{-0.037}$
Positive	1884	0.099 ± 0.023	0.110 ± 0.031	$0.143^{+0.043}_{-0.041}$
Negative	1980	0.036 ± 0.022	0.034 ± 0.031	$0.068^{+0.046}_{-0.042}$
$W + 4$	2682	0.064 ± 0.019	0.064 ± 0.024	$0.086^{+0.035}_{-0.032}$
$W + 3 + 1$	1182	0.072 ± 0.029	0.092 ± 0.049	$0.170^{+0.067}_{-0.065}$
Inclusive	3864	0.067 ± 0.016	0.070 ± 0.022	$0.105^{+0.032}_{-0.029}$

The value of the extrapolated asymmetry changes from $A_{\mathrm{FB}}^{\ell} = 0.094 \pm 0.024^{+0.022}_{-0.017}$ to

$$A_{\mathrm{FB}}^{\ell} = 0.105 \pm 0.024^{+0.022}_{-0.017} = 0.105^{+0.032}_{-0.029}.$$

Table VI and Fig. 7 are also affected, and the corrected Table and Figure are reproduced here, along with their captions, which are unchanged.