



Corrigendum

Corrigendum to “Search for flavour-changing neutral-current couplings between the top quark and the photon with the ATLAS detector at $\sqrt{s}=13$ TeV” [Physics Letters B 842 (2023) 137379]



The ATLAS Collaboration

The authors regret “The values in Table 2 for the branching fractions were missing a factor of 10^{-5} . The correct version of the Table is pro-

vided in [Table 1](#).”

The authors would like to apologise for any inconvenience caused.

Table 1

The 95% CL limits on the effective coupling constants, BRs and production cross-sections. The expected limits with their uncertainties, representing one standard deviation, as well as observed limits are shown. The scale of new physics is set to $\Lambda = 1$ TeV.

Observable	Coupling	Expected	Observed
$ C_{uW}^{(13)*} + C_{uB}^{(13)*} $	$t \rightarrow u\gamma$ LH	$0.104^{+0.020}_{-0.016}$	0.103
$ C_{uW}^{(31)} + C_{uB}^{(31)} $	$t \rightarrow u\gamma$ RH	$0.122^{+0.023}_{-0.018}$	0.123
$ C_{uW}^{(23)*} + C_{uB}^{(23)*} $	$t \rightarrow c\gamma$ LH	$0.205^{+0.037}_{-0.031}$	0.227
$ C_{uW}^{(32)} + C_{uB}^{(32)} $	$t \rightarrow c\gamma$ RH	$0.214^{+0.039}_{-0.032}$	0.235
$\text{BR}(t \rightarrow q\gamma) \times 10^5$	$t \rightarrow u\gamma$ LH	$0.88^{+0.37}_{-0.25}$	0.85
$\text{BR}(t \rightarrow q\gamma) \times 10^5$	$t \rightarrow u\gamma$ RH	$1.20^{+0.50}_{-0.33}$	1.22
$\text{BR}(t \rightarrow q\gamma) \times 10^5$	$t \rightarrow c\gamma$ LH	$3.40^{+1.35}_{-0.95}$	4.16
$\text{BR}(t \rightarrow q\gamma) \times 10^5$	$t \rightarrow c\gamma$ RH	$3.70^{+1.47}_{-1.03}$	4.46
$\sigma(pp \rightarrow t\gamma)$ [fb]	$t \rightarrow u\gamma$ LH	$11.2^{+4.7}_{-3.1}$	10.9
$\sigma(pp \rightarrow t\gamma)$ [fb]	$t \rightarrow u\gamma$ RH	$15.3^{+6.4}_{-4.3}$	15.6
$\sigma(pp \rightarrow t\gamma)$ [fb]	$t \rightarrow c\gamma$ LH	$6.2^{+2.5}_{-1.7}$	7.6
$\sigma(pp \rightarrow t\gamma)$ [fb]	$t \rightarrow c\gamma$ RH	$6.8^{+2.7}_{-1.9}$	8.2

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