

ERRATUM TO “LEFT-DETERMINED MODEL CATEGORIES
AND UNIVERSAL HOMOTOPY THEORIES”

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D.-C. Cisinski [C], 8.3.11 pointed out that Lemma 3.2 in our paper [RT] is false. In fact, he characterized $\text{cof}(\mathcal{I})$ as the class $NMono$ of all normal monomorphisms. As an example of a non-normal monomorphism he gave

$$\Delta_0 \rightarrow Q,$$

where Q is the coequalizer

$$\Delta_1 \begin{array}{c} \xrightarrow{\text{id}} \\ \xrightarrow{s} \end{array} \Delta_1 \longrightarrow Q$$

of id_{Δ_1} and the symmetry s interchanging the two points of Δ_1 . It means that Q has one point and one non-degenerate edge.

But everything in our paper remains correct when monomorphisms are replaced by normal monomorphisms. In particular, one should put $\mathcal{C} = NMono$ in Theorem 3.4. Our main result, which is Theorem 4.1, remains unchanged.

REFERENCES

- [C] D.-C. Cisinski, Les préfaisceaux comme modèles des types d’homotopie, *Astérisque* 308, 2006. MR2294028 (2007k:55002)
[RT] J. Rosický and W. Tholen, *Left-determined model categories and universal homotopy theories*, *Trans. Amer. Math. Soc.* **355** (2003), 3611–3623. MR1990164 (2004e:55023)

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