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Homotopy classification for groups aims to describe all 2-complexes (up to homotopy) with fundamental group  $G$ . Much is known when  $G$  is finite, little for infinite  $G$ .

It is known that if the fundamental group  $G$  of an aspherical 2-complex admits a generating set that gives rise to a non-free relation module, then there exist non-homotopic 2-complexes with the same Euler-characteristic and fundamental group  $G$ . Martin Dunwoody carried this out for the trefoil group. J. Lewin constructed non-free stably free modules over the rational group algebra for a large class of groups including almost all torsion-free 1-relator groups. We are investigating the relevance of his work to the homotopy classification of 1-relator groups. (Received August 30, 2005)