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## Light meson physics and scale setting from a mixed action with Wilson twisted mass valence quarks

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We consider a mixed action approach where valence Wilson twisted mass (Wtm) fermions at maximal twist are combined with CLS ensembles consisting of  $N_f=2+1$  flavours of  $O(a)$ -improved Wilson sea quarks. We present an update of the results of the matching of valence and sea quarks, and of the subsequent continuum-limit scaling studies of light-quark observables. A scale setting procedure combining the  $O(a)$ -improved Wilson and the Wtm regularisations will be discussed.

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