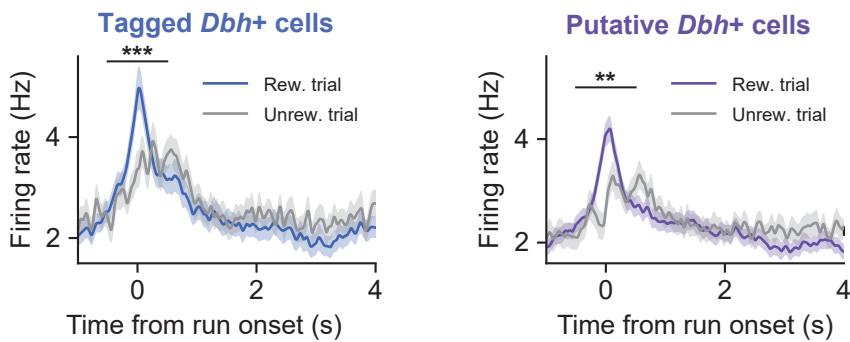
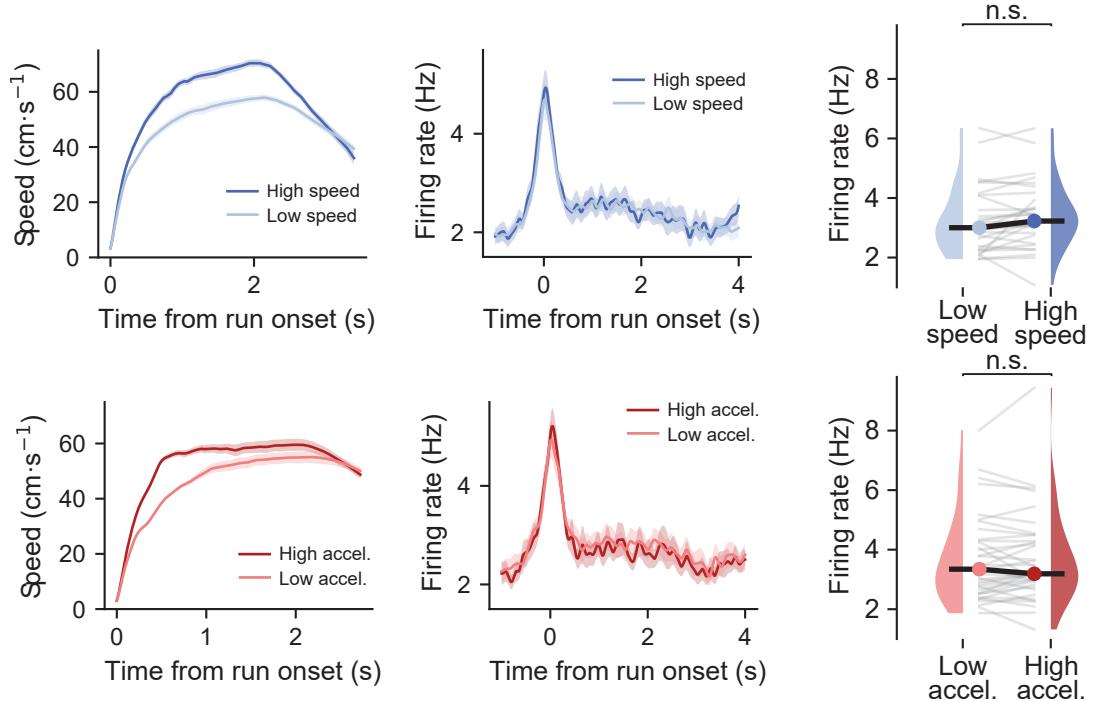


a

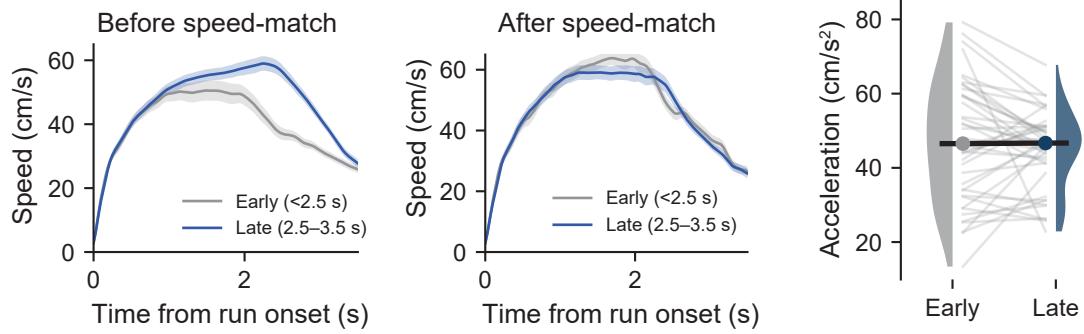
LC run onset peak amplitude correlates with success of a trial

**b**

LC run onset peak amplitude is uncorrelated with speed/acceleration

**c**

Speed-match for comparing early- and late-1st-lick trials



Extended Data Fig. 2 | Properties of LC run onset peak. **a**, LC run onset peak amplitude is correlated with single-trial success. **b**, LC run onset peak amplitude has no correlation with animal speed or acceleration. **c**, Speed-matching was performed for comparing LC activity in early- and late-1st-lick trials.