

ABSTRACT

The present disclosure provides a method and apparatus of estimating a road condition, and a method and apparatus of establishing a road condition estimation
5 model, which relates to a field of big data and intelligent traffic. The method includes:
acquiring, for a first preset duration before a first moment, a sequence of user tracks for
a road and a sequence of road images for the road; extracting a track-related feature of
the road from the sequence of the user tracks, and extracting an image-related feature
of the road from the sequence of the road images; and inputting the track-related feature
10 of the road and the image-related feature of the road into a pre-trained road condition
estimation model, so as to determine, for a second preset duration after the first moment,
a road condition information of the road by using an estimated result of the road
condition estimation model.

15 [FIG. 2]