## ABSTRACT

Disclosed herein are a method and apparatus for determining an adhesion coefficient, a vehicle, a medium and a program product. The method includes: acquiring sensor data collected by at least one sensor of a vehicle; determining travel information of the vehicle according to the sensor data, the travel information including at least one of the followings: a slip rate, a longitudinal stiffness, a tire longitudinal force, a tire lateral force, a tire vertical load, a front-axle lateral force and a rack force; determining at least one reference adhesion coefficient and a confidence level of each reference adhesion coefficient according to the travel information, or the sensor data and the travel information, the at least one reference adhesion coefficient including at least one of the followings: a steady-state adhesion coefficient, a dynamic adhesion coefficient, a longitudinal adhesion coefficient and a lateral adhesion coefficient; and determining a target adhesion coefficient of the vehicle and a confidence level of the target adhesion coefficient according to the at least one reference adhesion coefficient and the confidence level of each reference adhesion coefficient. The method in the embodiments of the present application improves the accuracy of determining the adhesion coefficients.

Fig. 2a