

Figure1. Entire vehicle model

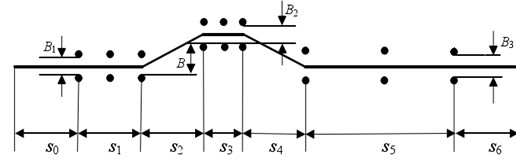


Figure2. The double lane test site

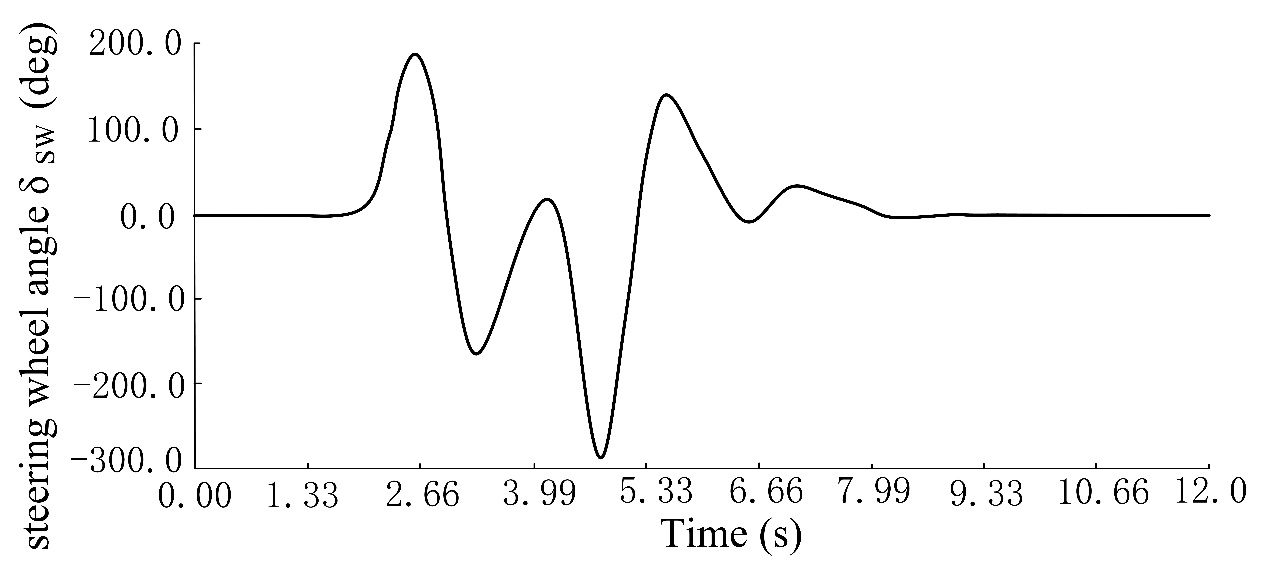


Figure3. Steering wheel angle

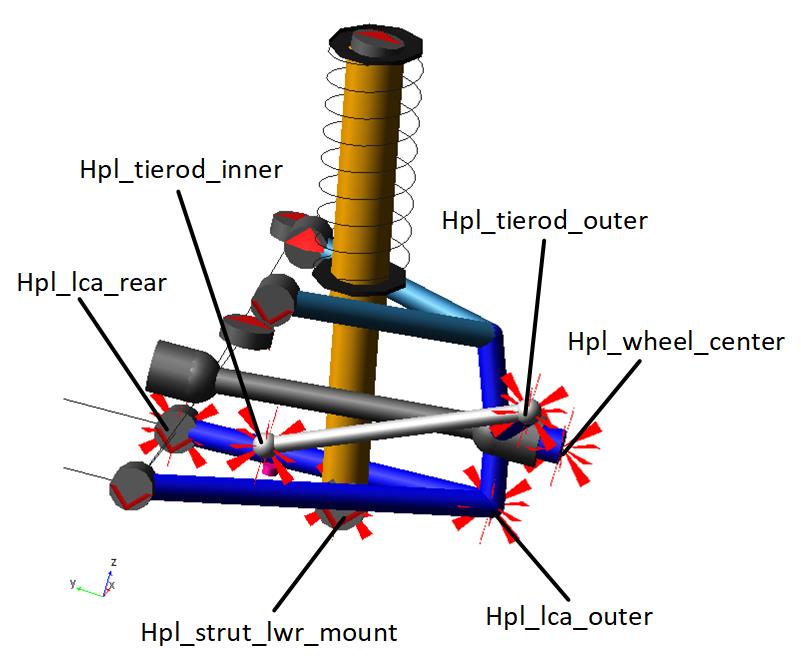


Figure4. The hard points before optimization

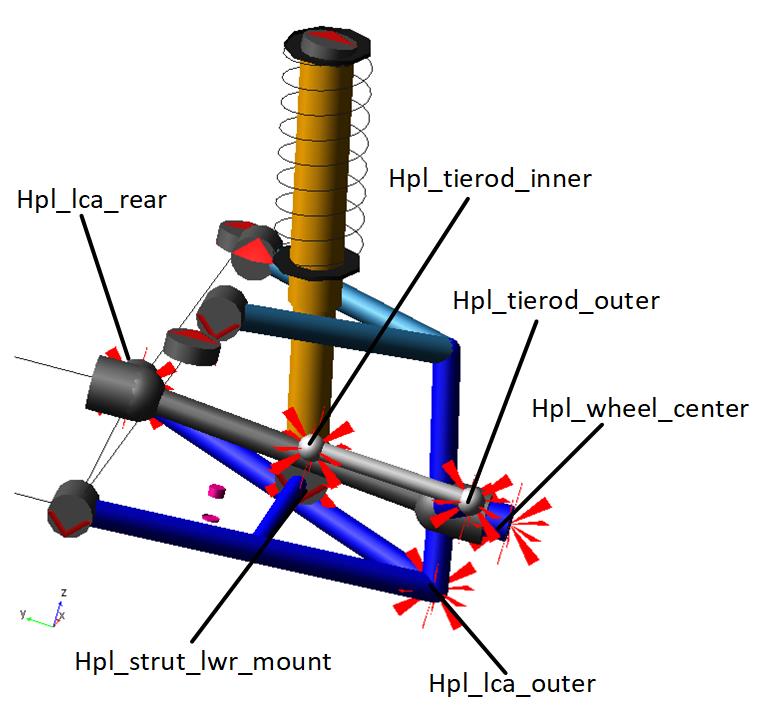


Figure5. The hard points after optimization

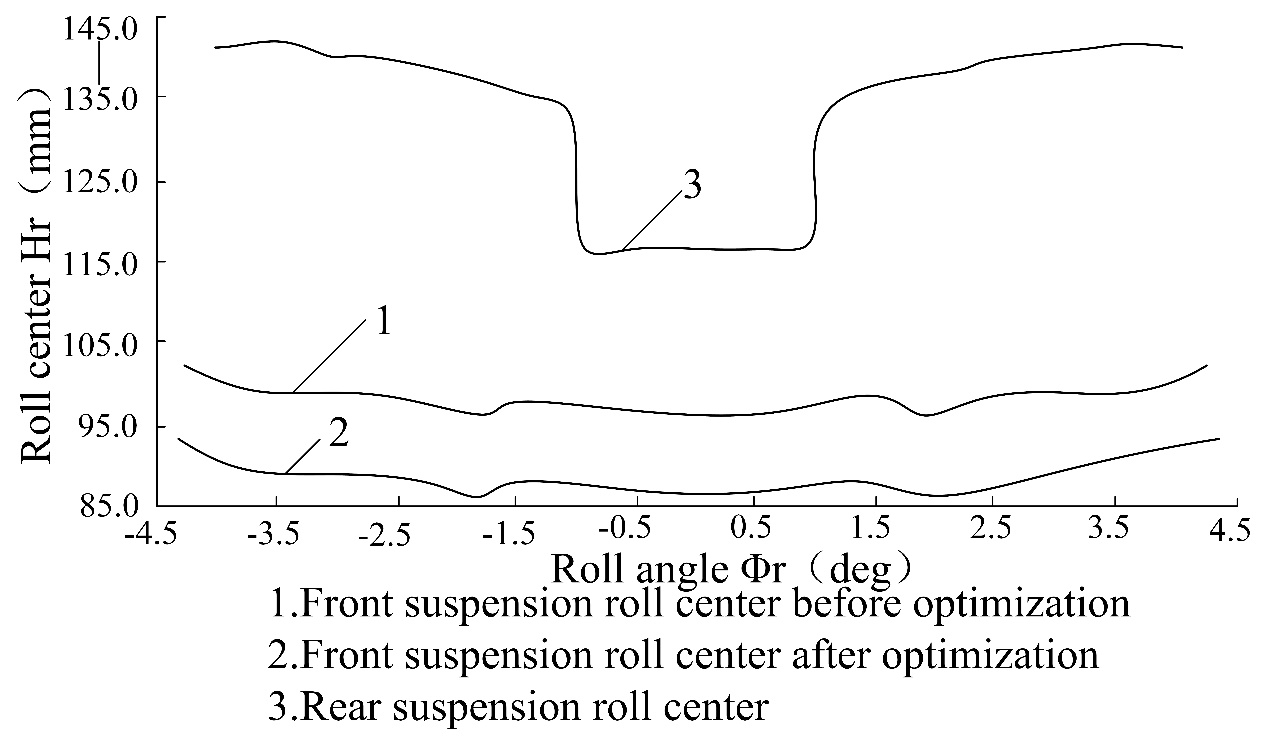


Figure6. Comparison of roll center before and after optimization

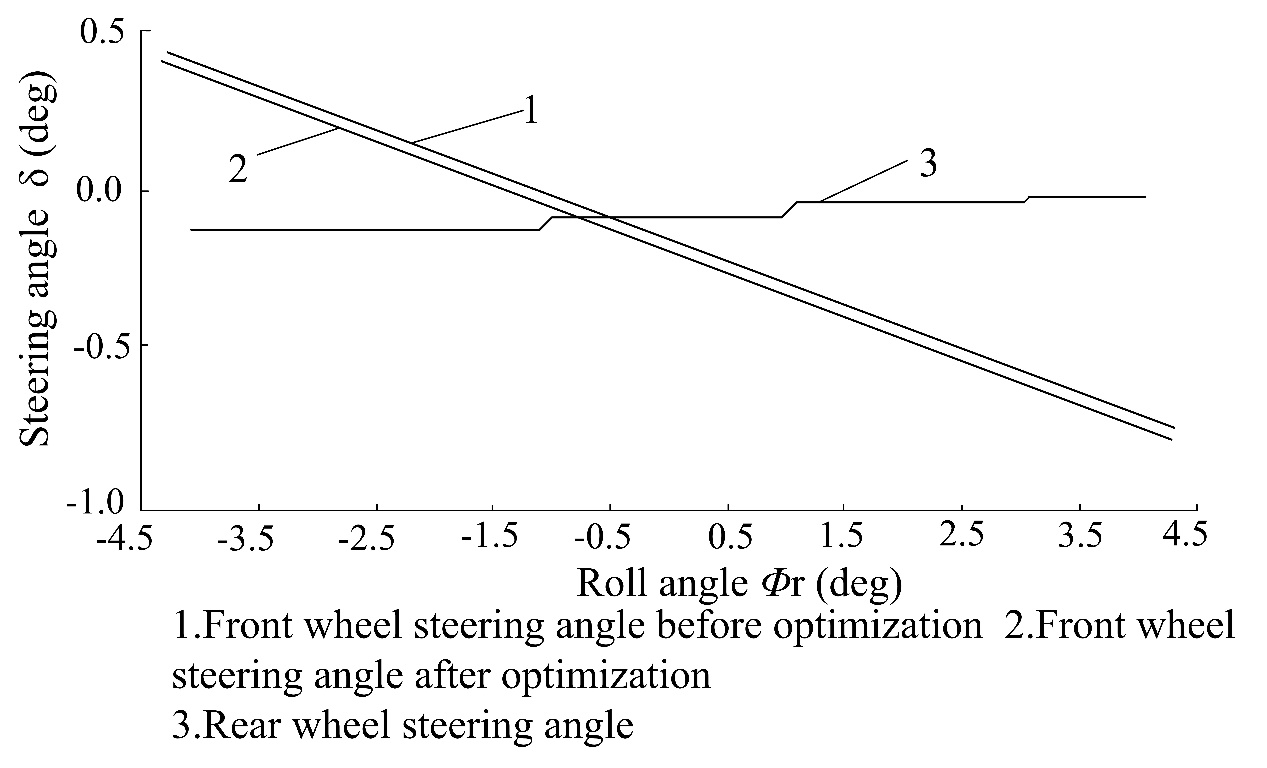


Figure7. Comparison of steering angle with roll angle before and after optimization

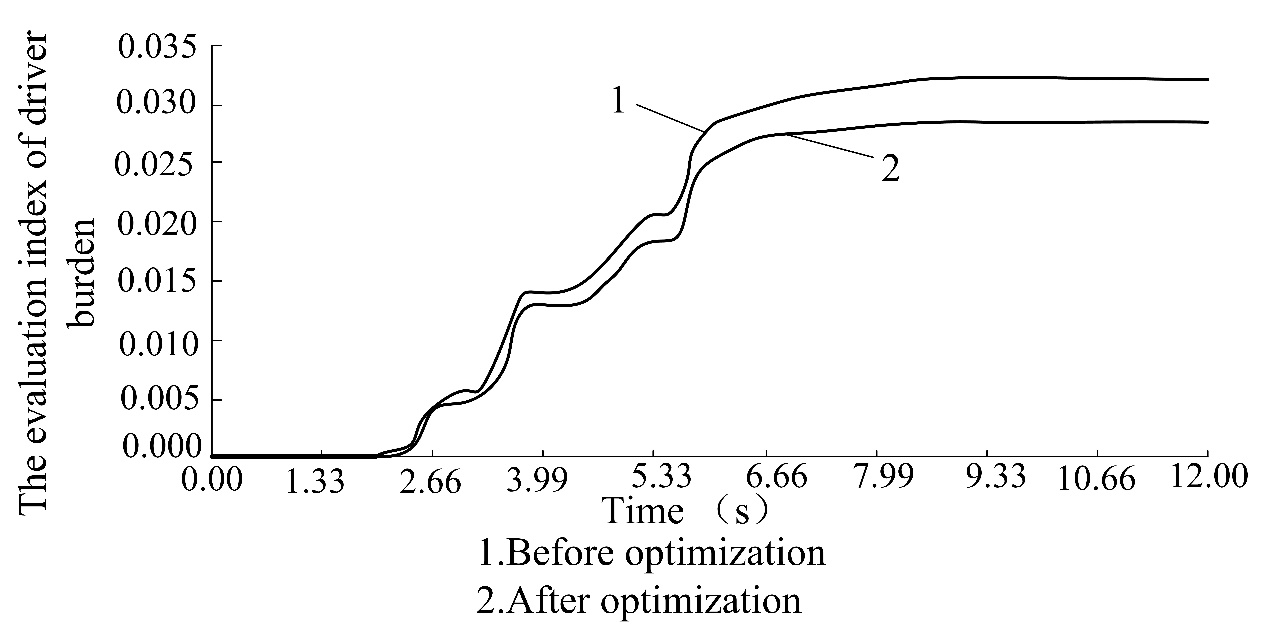


Figure8. Comparison of the evaluation index of driver burden before and after optimization

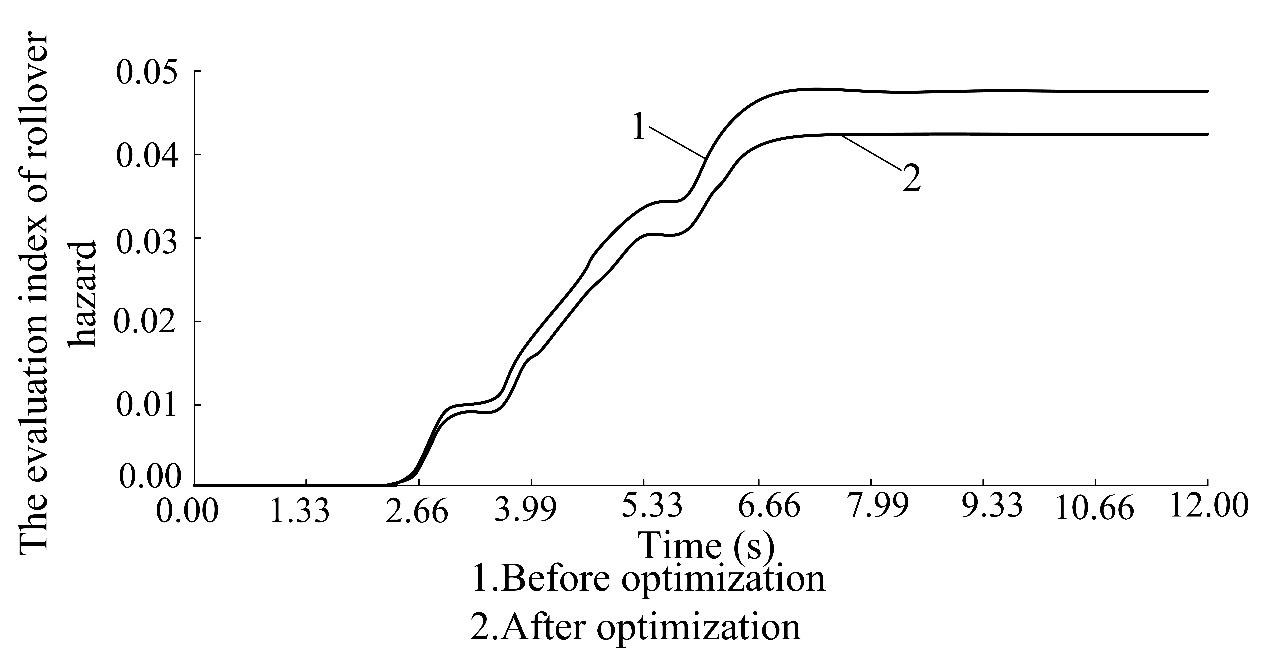


Figure9. Comparison of the evaluation index of rollover hazard before and after optimization

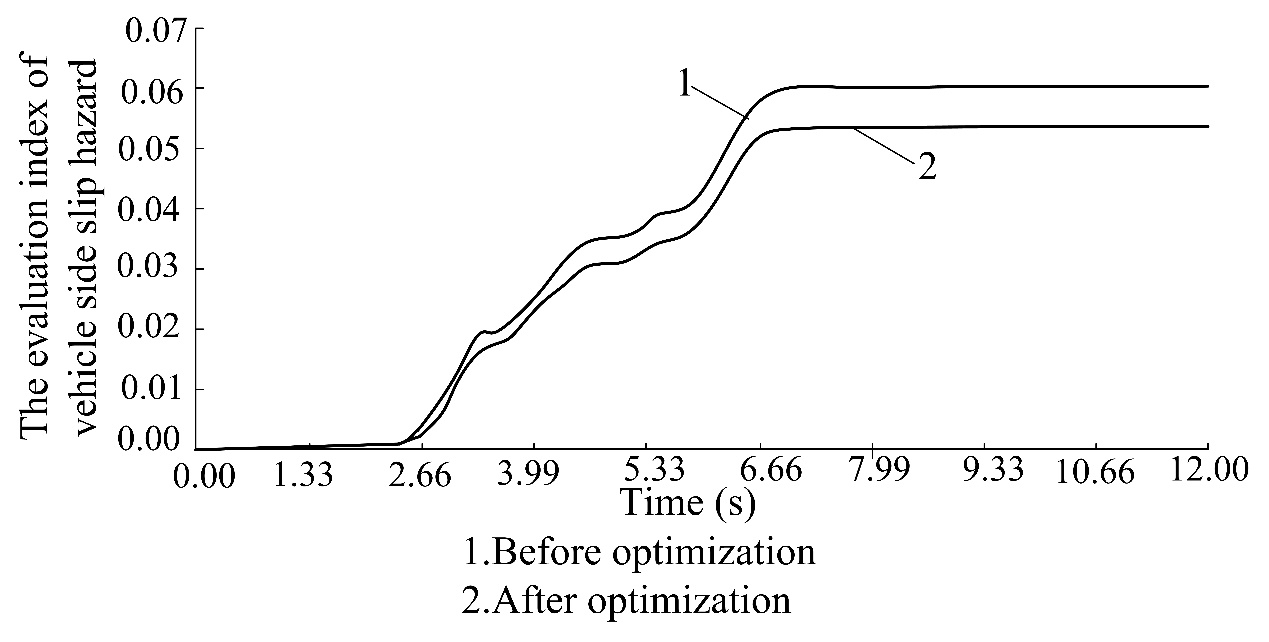


Figure10. Comparison of the evaluation index of vehicle side slip hazard before and after optimization

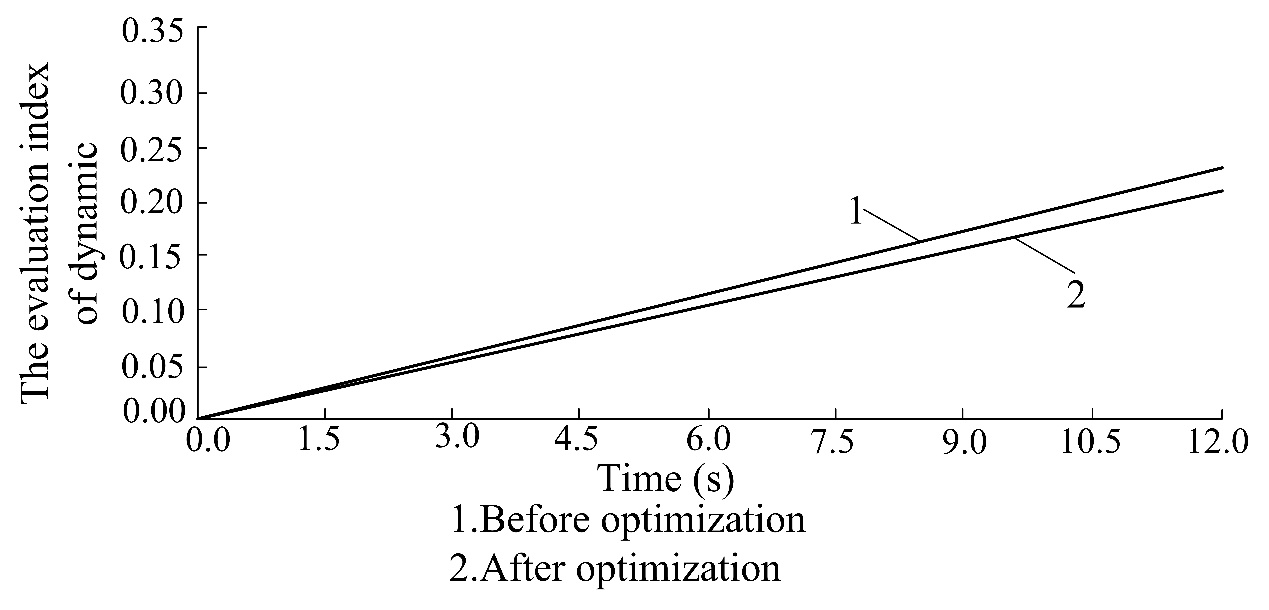


Figure11. Comparison of the evaluation index of dynamic before and after optimization

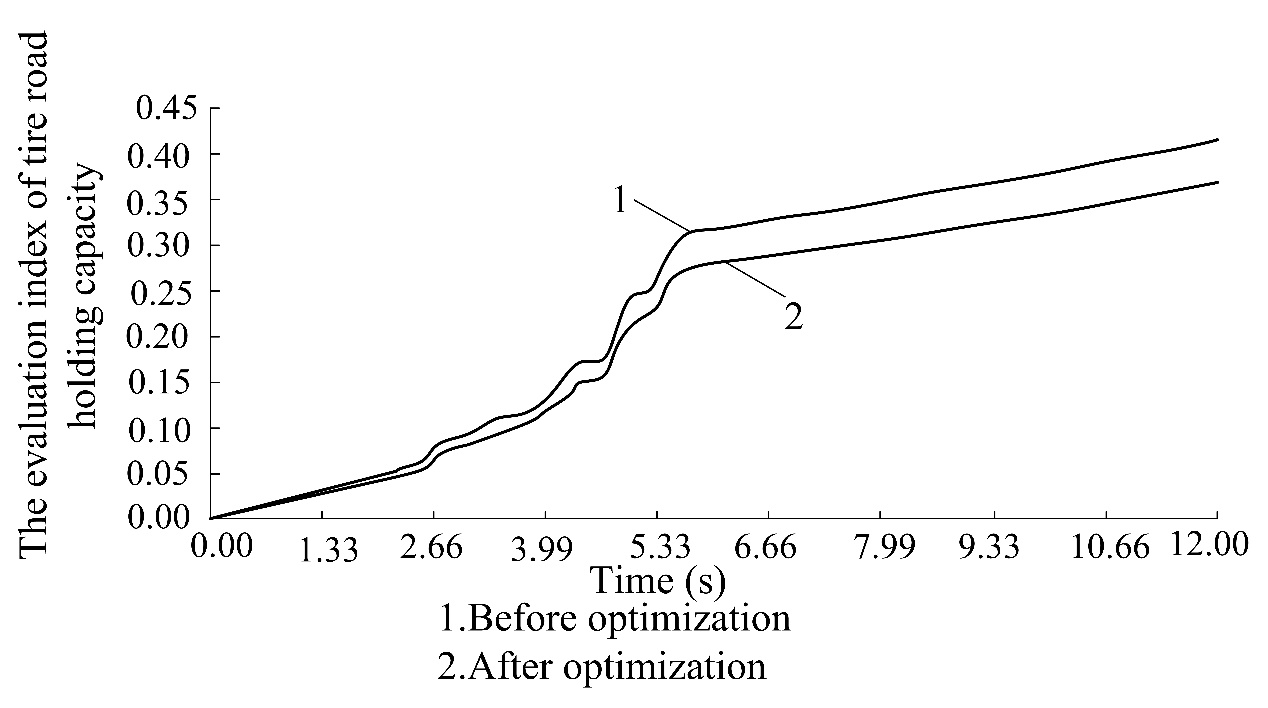


Figure12. Comparison of the evaluation index of tire road holding capacity before and after optimization

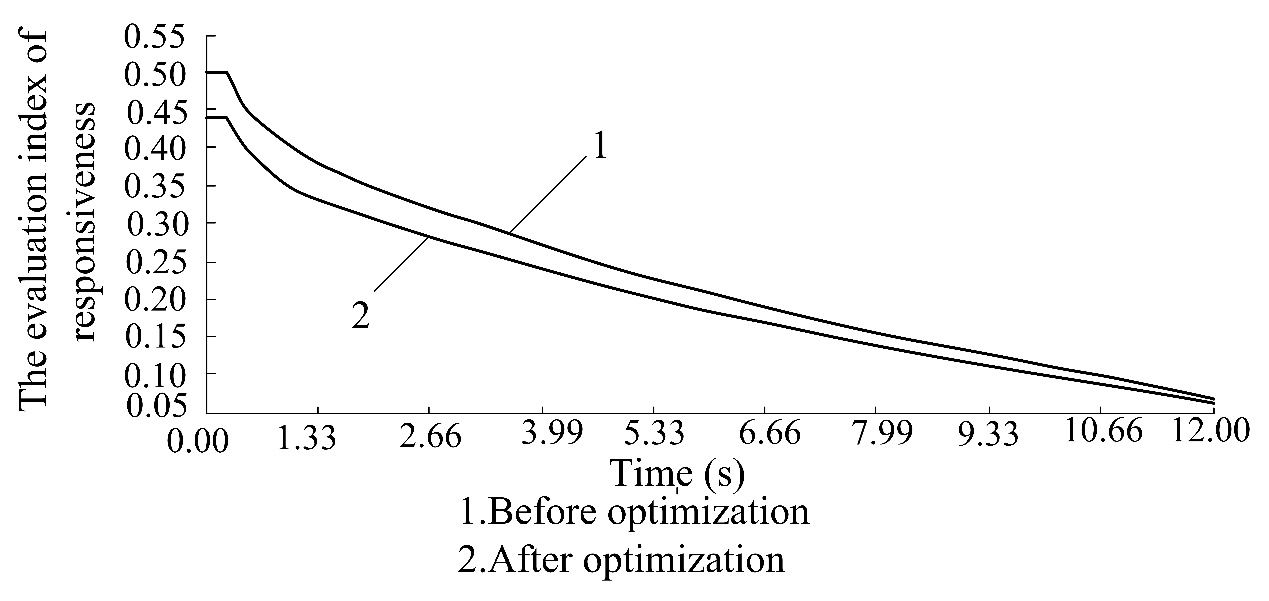


Figure13. Comparison of the evaluation index of responsiveness before and after optimization

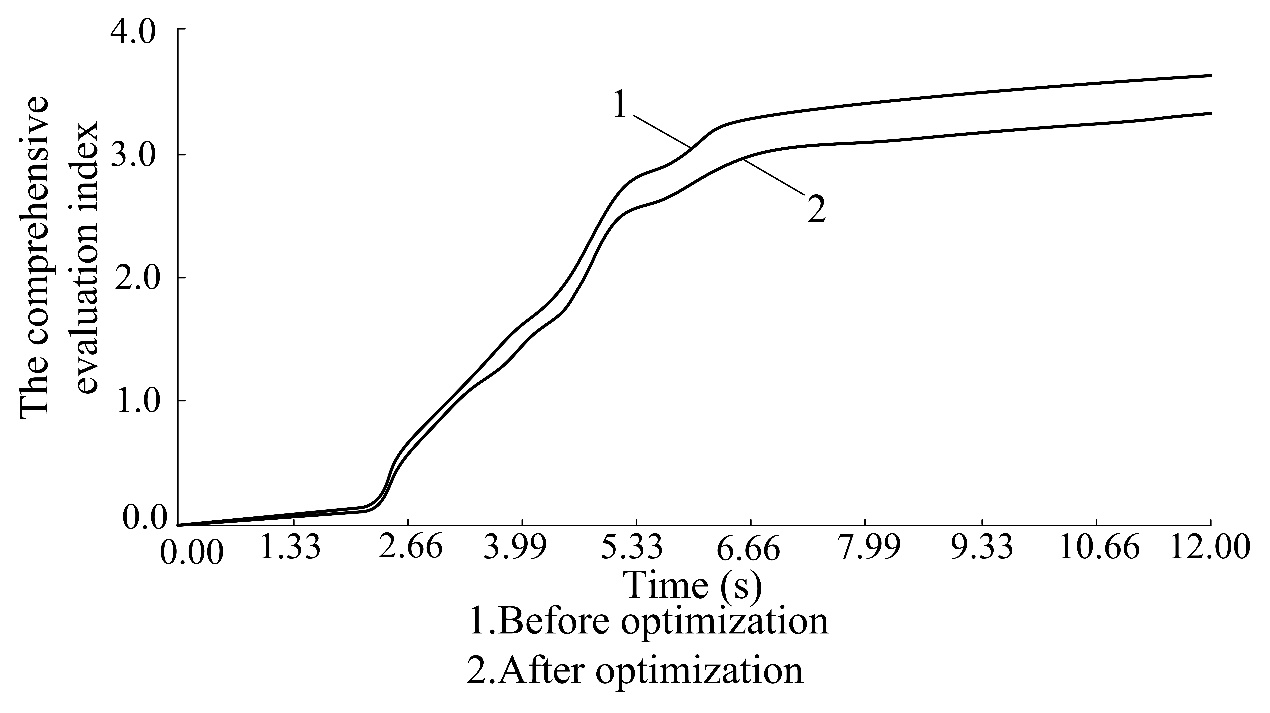


Figure14. Comparison of the comprehensive evaluation index before and after optimization