1. **Title**
   Stay-at-Home Works to Fight Against COVID-19: International Evidence from Google Mobility Data

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3. **Abstract**
   Daily Google mobility data covering 127 countries over the period between February 16th, 2020 and March 29th, 2020 suggest that less mobility is associated with lower COVID-19 cases and deaths. This observation is formally tested by using a difference-in-difference design, where country-fixed effects, time-fixed effects as well as the country-specific timing of the 100th COVID-19 case are controlled for. The results suggest that 1% of an increase in being at residential places leads into about 50 less COVID-19 cases and about 4 less COVID-19 deaths, whereas 1% of a decrease in visits to transit stations leads into about 22 less COVID-19 cases and about 2 less COVID-19 deaths. Similarly, 1% of a reduction in visits to retail & recreation results in about 15 less COVID-19 cases and about 2 less COVID-19 deaths, or 1% of a reduction in visits to workplaces results in about 10 less COVID-19 cases and about 1 less COVID-19 death.

4. **Data description**
   Daily data on COVID-19 cases and deaths from 127 countries, daily data on Google mobility from 127 countries.

5. **JEL codes for the project**
   I10; I18

6. **Key-words**
   COVID-19; Coronavirus; Stay-at-Home; Google Mobility

The paper is available at [https://ssrn.com/abstract=3571708](https://ssrn.com/abstract=3571708)