**Supplementary Table 1.** Data scheme of the Global Research Collaboration Project on COVID-19 as of May 15, 2020

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
</table>
| Insurer  | National Health Insurance  
|          | Medical Aid  
|          | Korean Veterans Service  
| COVID-19-related items | Claims with classification code of MT043 (target of medical cost support due to national disaster) based on the serial number of claim statement  
|          | Claims that contain D6584 COVID-19 (real-time polymerase chain reaction)  
|          | Claims that contain COVID-19-related disease codes (B342, B972, Z208, Z290, U18, U181, Z038, Z115, U071, U072)  
|          | Claims that contain COVID-19-related fee codes (admission fee, management fee, isolation, public relief hospital, residential treatment center, screening center, and negative pressure room, etc.)  
| Healthcare service use history of individuals who submitted COVID-19-related claims for the past 3 years | Socio-demographics  
|          | Diagnoses  
|          | Examinations  
|          | Treatments, including prescriptions  
|          | Procedures  
|          | Surgeries  
|          | Admission  
|          | Patients status  
| COVID-19 confirmation and death codes | Encoded as Y in the 200 Table of COVID-19-related items  