### 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>
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</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  