# Data Sharing Statement

| Item | Question | Authors’ Response (place “-” if not applicable) |
|------|----------|--------------------------------------------------|
| 1    | Would you like to share data collected for your study to others? | Yes. |
| 2    | If not, would you like to share the reason for your decision? | - |
| 3    | What data in particular will be shared? | Information about the relationship between the impact direction and the TBI will be particularly shared. We found that a lateral impact was more injurious to the brain than an anterior-posterior impact. |
| 4    | Any other documents will be shared? Such as study protocol, statistical analysis plan, informed consent form, clinical study report, analytic code. | Modeling process, FE model details, injury simulation process and results, study report will also be shared if requested. |
| 5    | When will data availability begin? | From the publication date. |
| 6    | When will data availability end? | This data can always be shared forever. |
| 7    | To whom will you share the data? | Maxillofacial surgeons, Biomechanics researchers. |
| 8    | For what type of analysis or purpose? | Refer to the results of this study, verify the accuracy of this FE model. |
| 9    | How or where can the data/documents be obtained? | Emails could be sent to the address below to obtain the shared data: lihaochengdu@163.com |
| 10   | Any other restrictions? | We may balance the potential benefits and risks for each request and then provide the data that could be shared. |

Article Info: [http://dx.doi.org/10.21037/atm-21-134](http://dx.doi.org/10.21037/atm-21-134)