## 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?                                  | The mitochondrial apoptosis pathway and glucose metabolism data in particular will be shared, and we also found Andro inhibits the cell proliferation of NSCLC by restraining glycolysis, and promoting the gluconeogenesis pathway, which has seldom been provided in previous studies. |
| 4    | Any other documents will be shared? Such as study protocol, statistical analysis plan, informed consent form, clinical study report, analytic code. | Statistical analysis plan will be shared if requested. |
| 5    | When will data availability begin?                                       | From the publication date.                       |
| 6    | When will data availability end?                                         | Two years within the publication date, since the technique may be updated over time. |
| 7    | To whom will you share the data?                                        | Medical oncologists who are interested in our studies. |
| 8    | For what type of analysis or purpose?                                   | For analysis to evaluate the mitochondrial apoptosis and glucose metabolism in cancers. |
| 9    | How or where can the data/documents be obtained?                         | Emails could be sent to the address below to obtain the shared data: liukai720@zju.edu.cn. |
| 10   | Any other restrictions?                                                 | We may balance the potential benefits and risks for each request and then provide the data that could be shared. |