|  |  |  |
| --- | --- | --- |
| **DATA FILE** | **GENERATED WITH** | **FILES USED** |
| tracing\_ellipse\_data.mat  (one for each pattern) | motorwoc\_dataextractor.m | * baw\_data.mat * EllipsePath.txt, …   (1 ground truth file for each) |
| motorwoc\_cleaned\_data.mat | motorwoc\_datacleaner.m | * tracing\_ellipse\_data.mat, … * EllipsePath.txt, …   (only to retrieve the names) |
| motorwoc\_disttobins.mat | motorwoc\_disttobins.m | * motorwoc\_cleaned\_data.mat |
| motorwoc\_methods01\_data.mat | motorwoc\_methods01\_data.m | * motorwoc\_cleaned\_data.mat * motorwoc\_disttobins.mat |
| motorwoc\_wocvsindiv.mat | motorwoc\_wocvsindiv.m | * motorwoc\_cleaned\_data.mat * motorwoc\_disttobins.mat |
| motorwoc\_crowderror.mat | motorwoc\_crowderror.m | * motorwoc\_cleaned\_data.mat * motorwoc\_disttobins.mat |
| motorwoc\_indiverror.mat | motorwoc\_indiverror.m | * motorwoc\_cleaned\_data.mat * motorwoc\_disttobins.mat |
| motorwoc\_grouperror.mat | motorwoc\_grouperror.m | * motorwoc\_cleaned\_data.mat * motorwoc\_disttobins.mat |
| motorwoc\_classerror.mat | motorwoc\_classerror.m | * motorwoc\_cleaned\_data.mat * motorwoc\_disttobins.mat * motorwoc\_indiverror.mat |
| motorwoc\_indiverror\_mean.mat | motorwoc\_indiverror\_mean.m | * motorwoc\_cleaned\_data.mat * motorwoc\_disttobins.mat |
| motorwoc\_grouperror\_mean.mat | motorwoc\_grouperror\_mean.m | * motorwoc\_cleaned\_data.mat * motorwoc\_disttobins.mat |

|  |  |  |
| --- | --- | --- |
| **FIGURE** | **GENERATED WITH** | **DATA FILES USED** |
| Fig01A | Alex Gomez-Marin lab | - |
| Fig01B | motorwoc\_Fig01B.m | * motorwoc\_cleaned\_data.mat |
| Fig01CD | motorwoc\_Fig01CD.m | * motorwoc\_methods01\_data.mat |
| Fig02 | motorwoc\_Fig02.m | * motorwoc\_cleaned\_data.mat * motorwoc\_disttobins.mat * motorwoc\_wocvsindiv.mat * motorwoc\_crowderror.mat |
| Fig03 | motorwoc\_Fig03.m | * motorwoc\_cleaned\_data.mat * motorwoc\_indiverror.mat * motorwoc\_grouperror.mat * motorwoc\_crowderror.mat * motorwoc\_classerror.mat |
| Fig04 | motorwoc\_Fig04.m | * motorwoc\_cleaned\_data.mat * motorwoc\_indiverror.mat |
| FigS01 | motorwoc\_FigS01.m | * motorwoc\_methods01\_data.mat |
| FigS02 | motorwoc\_FigS02.m | * motorwoc\_cleaned\_data.mat * motorwoc\_classerror.mat |
| FigS03 | motorwoc\_FigS03.m | * motorwoc\_cleaned\_data.mat * motorwoc\_indiverror.mat * motorwoc\_crowderror.mat |
| FigS04 | motorwoc\_FigS04.m | * motorwoc\_cleaned\_data.mat * motorwoc\_indiverror\_mean.mat * motorwoc\_grouperror\_mean.mat * motorwoc\_indiverror.mat * motorwoc\_grouperror.mat |
| Table01.xlsx | motorwoc\_Table01.m | * motorwoc\_cleaned\_data.mat |