

Instructions for analyzing activity data

1. Before analyzing data, rename the "analysis.mdb" and "analysis.ldb" files to something else, e.g., "analtemp.mdb" and "analtemp.ldb"
2. Analyze data in Activity software
3. Double-click on the new analysis.mdb file, and when asked choose to convert it and give it a name with some meaning but mdb as an extension, e.g., "yourexpt.mdb"
4. Exit Microsoft Access
5. Rename the "analtemp.mdb" and "analtemp.ldb" back to "analysis.mdb" and "analysis.ldb"
6. Double-click on yourexpt.mdb to re-enter the Access program
7. Click once on the Header table and click once on the Design button on the right
8. Click on the ID field, and change the Indexed option at the very bottom to "Yes (No duplicates)"
9. From the tools menu, chose "Relationships"
10. Double-click on Header and then double-click on Zones.
11. Click once and hold on the ID field in the Header table.
12. Drag the ID field from the Header table to the ID field in the Zones table, and let go of the mouse button on top of the ID field in the Zones table.
13. At the dialog box check "Enforce Referential Integrity"
14. Close the window and save the changes
15. Click once on the Queries tab and click once on the New button on the right
16. In the dialog box choose "Crosstab Query Wizard"
17. For the table from which your variables will be taken, choose Zones; click "Next"
18. For the field you will use as your row headings, choose ID and Zone (if a Zone analysis was performed); click "Next"
19. For the field you will use as your column headings, choose block; click "Next"
20. For the field you will use to calculate (intersection of row and column, or something like that), choose your dependent measure (e.g., ambulatory activity); click "Next"
21. Give your query a name with meaning; click Finish
22. The program will usually display your results; close the window and click on the Design button on the right
23. In the menu bar click on the button with the yellow plus and a white and blue table to the lower right
24. In the dialog box double-click on Header; close the window
25. In the far left column (ID), click once on the second row and change the name of the table from Zones to Header; then click in the top row and change the name of the variable from ID to Subject
26. If you entered groups, establish a new column on the far right, and choose Header as the Table, Group as the variable, and Row Headings and the type
27. Move the cursor along the top edge of Group column, so the cursor changes to a down arrow; click once and the column should become highlighted
28. Once the column is highlighted you can drag it to the left, next to the Subject column
29. Close the window and save the changes
30. Click once on the View button on the right to display the query results
31. If the results are not to your liking, close the window and click on the Design button to change the design
32. When the results are to your liking, click once on the name of your query

33. Copy and paste the query, giving it a new name for the new dependent variable (e.g., Rearing)
34. Click once on the name of the new query, and click on the Design button
35. Change the name of the dependent variable from, e.g, Ambulatory Activity to, e.g., Vertical Count
36. Close the window and save the changes.
37. Repeat steps 32-36 for each dependent measure of interest.
38. To export queries to Excel files, click once on one of the queries
39. Under the File menu choose Export
40. In the dialog box choose "Export File"
41. In the second dialog box change the file type to "Excel 5-7" and change the extension to .xls, with a name that has meaning
42. Save the Excel file in your destination folder
43. Repeat steps 38-42 for each query
44. Exit the Access program

Instructions for getting raw data (x-y-z coordinates)

1. Start the Activity software
2. Under the File menu choose "Export Data"
3. Choose the subject whose data are to be exported. Unfortunately, only one subject's data may be exported at a time.
4. Choose Annotated or stripped file type, and the duration of the time to be analyzed
5. Click OK to give the file a name and location and start exporting