Follow up 2/10/2012 meeting

Attendees: Currie, Gil, Linus, Ma, Michael, Qin, Zhu

Hello everyone,
As a follow-up to the meeting on 2/10/2012, below are the notes and the action items I recorded. Please advise if I have missed anything.

Meeting Notes
1. Data analysis
   a. ROCF (Caesar) Grouping and breaking down scores
      i. No previous articles about grouping
      ii. Score breaking down based on motor skill level
          1. How many muscles are related
          2. How can we group muscles
      iii. Please see the posted document (Caesar_Grouping and breaking down scores.docx)
   b. Analysis of # of visual aids (Linus)
      i. Data transformation -> log(y+2)
      ii. FD -> more reliable on visual-aid
      iii. ANCOVA - need to check the influence of visual-aid
      iv. Combination use less visual-aid
          1. Use haptic-aid more than visual-aid: need to know why...
      v. Haptic-aid condition could limit using visual-aids
      vi. Please see the posted document (Linus_meeting_Jeon_Visual Aid_120127.docx)
   c. Results summary (Janet)
      i. Remove all insignificant data
      ii. Need to calculate Power
      iii. Need to include confidence rating results
      iv. Think about third experiment with mTBI patients
          1. Has injury in motor skill -> expect greater improvement.
      v. Please see the posted document (Janet_NSF project 2nd experiment session results summary.docx)
2. Y3 Report outline:
   a. Include data analysis section after Experiment design section
      i. How to categorize EFT
      ii. Grouping in ROCF analysis
   b. Please see the posted document (Year 3 Progress Report Outline.docx)
3. Next schedules:
      i. Will finish report by 4/1/2012
      ii. Janet will organize report
   b. Prepare & write Y3 report contents.
4. To do:
   a. All finalize data analysis.
b. Janet will update results summary.
   i. Will prepare matrix that can compare all aspects of data analysis.

c. All writes the Y3 report.

These are all the items that I noted or recalled from the meeting. If you have other points, please let me know.

Guk-Ho Gil