

### **Old Method to make the noisy videos:**

In Adobe Premiere Pro:

#1-Create a new project in Premiere, can be named as "wordvariability\_-4dB";

#2-Load the a) normalized pink noise audio (named "normalized\_pink\_noise.mp4", from folder "normalized\_words\_AO"), and b) clear word video (from folder "original\_words\_AV"), to the left bottom panel of the Premiere;

#3-Open timeline (Window), keep it on the right bottom of the Premiere (normally that's the default place when you first open Premiere), and drag the clear word video to the timeline widget;

#4-Right click on the V1 & A1 tracks in timeline, choose Speed/Duration, Change time to 02:00 (the same length as the pink noise audio);

#5-Right click on the V1 & A1 tracks in timeline, choose AudioGain, (take -4dB noisy video for example here), set Adjust Gain by: -2dB;

#6-Load the normalized pink noise audio to the same timeline, put it to V2 & A2;

#7-Right click on the V2 & A2 tracks in timeline, choose AudioGain, (take -4dB noisy video for example here), set Adjust Gain by: +2dB;

#8-Dis-visualize (eye logo in the timeline before V2) V2. So that the video from pink noise is disabled;

#9-save as word\_-4dB.mp4 (for example, DEBUT\_LIN\_-4dB.mp4). Steps and settings are:  
Click File--Export--Media--(FormatH.264, Preset HighQuality 1080pHD, Basic Video Settings 1920\*1080)-  
-Export

#10-Save the Auditory only tracks: disable the V1 track in the timeline (so the word video is disabled), then save the audio track using the same step as step#9, instead name it as:  
DEBUT\_LIN\_a\_-4dB.mp4