1. Analyze moderators one at a time?

Yes and it’s the first thing to do. The more variables you include, the more studies you are going to need to estimate very well. So start with doing one at a time.

2. Interpretation of b0?

If one moderator is taking into the analysis each time, then the b0 stands for the mean correlation of the “0” condition (e.g., unpublished). The result of the significant test of the regression coefficient stands for whether the “1” condition is significantly different from the “0” condition.

3. Standardized or unstandardized?

We should use the unstandardized coefficient because the coding for dummy variables are “0” and “1”, so that the mean is 0 and the s.d. is 1. If using the standardized coefficient, the coding would be “0” and “minus something”. Should use the raw score regression weights to indicate how much the correlation increases or decreases.

4. SAS?

Use Proc Survey (Nye et al., 2012) instead of Proc Mixed, because variables are not nested.