Homework 3: Measurement Validity

General Instructions:
1. Homework must be typewritten and stapled. Writing should be clear, concise, and grammatical.

2. If you discuss the assignment with your peers, list their names on the top of your homework. Remember: your answers must be your own and should not match the answers of any other student, even those whose names you list. WRITE YOUR OWN ANSWERS.

3. Homework is due at the BEGINNING of class Friday, October 2.

Measurement validity refers to the extent to which an indicator measures what it is supposed to measure. There are three parts to measurement validity (though criterion validity can be broken apart farther):

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Face Validity</td>
<td>Does our indicator look like it’s measuring the thing we want to measure?</td>
</tr>
<tr>
<td>Content Validity</td>
<td>Is the full range of the concept or topic being measured? Are we missing anything? Are we including anything that shouldn’t be in there?</td>
</tr>
<tr>
<td>Criterion Validity</td>
<td>Is our indicator related to other variables in the way we expect? Does it predict the outcomes it should be able to predict?</td>
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Now address all the following questions in short answer form. All answers should be typewritten. Print and hand in a hard copy.

1. How would you define corruption?
   A. Write a brief definition. (1-2 sentences)
B. Based on this conceptualization, describe an indicator that would be a valid measure for a study of corruption (as you define it). (1-2 sentences)

C. Discuss the content validity of this measure. (2-4 sentences)

D. Describe one way in which you could test the criterion validity of this measure. (1-3 sentences)

2. Now read about Transparency International's Corruption Perceptions Index: http://www.iccg.org/corruption.cpi_2005_faq.html#1 (Advice: reading this whole page will make all the questions here easier to answer)
   A. How do they define corruption? (1-2 sentences, paraphrase)
   B. Is their definition consistent with yours? How so or how not? (1-2 sentences)
   C. Explain how TI measures corruption (i.e. how is their corruption perceptions index created? (2-4 sentences)
   D. Does their measure have face validity? Explain. (1-2 sentences)
   E. Does it have good content validity? Explain. (1-3 sentences)
   F. Describe one way in which you could test the criterion validity of this measure. (1-3 sentences)
   G. Make one suggestion for how TI's measure might be improved (1-3 sentences)

3. Read about the elements of corruption in TI's glossary: https://www.transparency.org/glossary Select one of the following: conflict of interests, clientelism, nepotism, patronage, or whistleblowing.
   A. Read TI's definition, and then give an example of one indicator that would be a valid measure for that element in a study of corruption.
   B. Discuss the content validity of this measure.
   C. Describe one way in which you could test the criterion validity of this measure.

A. Does the World Bank tackle corruption from the same perspective? Why do you think they might have a different perspective than TI? (2-4 sentences)