Instructions for Scoring the Casey-Fink Scale using SPSS

Step 1 - Name the variables as noted on the attached sheets --- variable names in blue.

Step 2 – depending on what you have in place for missing information (here noted as x) this step will code whatever that is as "system missing" unless you have already coded it as such

```
RECODE
  cf1 cf2 cf3 cf4 cf5 cf6 cf7 cf8 cf9 cf10 cf11 cf12 cf13 cf14 cf15 cf16 cf17
  cf18 cf19 cf20 cf21 cf22 cf23 cf24 cf25a cf25b cf25c cf25d cf25e cf25f
  conp1 conp2 conp3 conp4 conp5 conp6 conp7 conp8 conp9
  conp10 conp11 conp12 conp13 conp14 conp15 conp16 conp17 conp18 conp19 conp20
  conp21 mm1 mm2 mm3 mm4 mm5 mm6 mm7 mm8 mm9 mm10 mm11 mm12 mm13 mm14 mm15
  mm16 mm17 mm18 mm19 mm20 mm21 mm22 mm23 mm24 mm25 mm26 mm27 mm28 mm29 mm30
  mm31  (X=SYSMIS).
EXECUTE .
```

Step 3 – Recode the "negative" Casey-Fink Graduate Nurse Experience Survey items

This is assuming that you have entered them as follows:

Strongly Disagree = 1 (or 4)
Disagree = 2 (or 3)
Agree = 3 (or 2)
Strongly Agree = 4 (or 1)

If you have used some other configuration you need to "reflect" items 5, 8, 16 and 17 to be the opposite of what was answered so the total score will be composed of items with the same "orientation."

```
RECODE
  cf5 cf8 cf16 cf17 (4=1) (3=2) (2=3) (1=4) .
EXECUTE .
```

Step 4 – Scoring the scales

This assumes you want to "ignore" missing data by calculating averages (means) for each scale. SPSS will use the number of items responded to in the denominator.

For each scale the first step noted is to run the reliabilities (Cronbach's alpha) for each score. This is the first step to decide if there are any reliability problems before proceeding.

Casey-Fink Graduate Nurse Experience Survey

Assess the reliability of the Casey-Fink (the Stress factor is not amenable to Cronbach's alpha) (listed in order computed below)

```
RELIABILITY
 /VARIABLES=cf1 cf2 cf3 cf4 cf5 cf6 cf7 cf8 cf9 cf10 cf11 cf12 cf13 cf14
 cf15 cf16 cf17 cf18 cf19 cf20 cf21 cf22 cf23
 /FORMAT=NOLABELS
 /SCALE(ALPHA)=ALL/MODEL=ALPHA
 /STATISTICS=DESCRIPTIVE SCALE
 /SUMMARY=TOTAL .

RELIABILITY
 /VARIABLES=cf19 cf9 cf6 cf7 cf18 cf10 cf4 cf13 cf23
 /FORMAT=NOLABELS
 /SCALE(ALPHA)=ALL/MODEL=ALPHA
 /STATISTICS=DESCRIPTIVE SCALE
 /SUMMARY=TOTAL .

RELIABILITY
 /VARIABLES=cf16 cf5 cf8 cf12 cf17
 /FORMAT=NOLABELS
 /SCALE(ALPHA)=ALL/MODEL=ALPHA
 /STATISTICS=DESCRIPTIVE SCALE
 /SUMMARY=TOTAL .

RELIABILITY
 /VARIABLES=cf1 cf3 cf15 cf14 cf11 cf2
 /FORMAT=NOLABELS
 /SCALE(ALPHA)=ALL/MODEL=ALPHA
 /STATISTICS=DESCRIPTIVE SCALE
 /SUMMARY=TOTAL .

RELIABILITY
 /VARIABLES=cf22 cf21 cf20
 /FORMAT=NOLABELS
 /SCALE(ALPHA)=ALL/MODEL=ALPHA
 /STATISTICS=DESCRIPTIVE SCALE
 /SUMMARY=TOTAL .
```

The first page of the Casey-Fink is analyzed by running frequencies. These can also be analyzed by copying them into excel and sorting the column to out responses that start with similar terms in alphabetical order.

```
FREQUENCIES
 VARIABLES=orient Num_Preceptors Charge_Nurse Preceptor skill_1 skill_2 skill_3 indep_skill
 /ORDER=  VARIABLE .
```

Next is the composite Casey-Fink, which does not include the stress items. This is followed by summing all the subscales of the Casey-Fink.

COMPUTE cfink=(cf1+cf2+cf3+cf4+cf5+cf6+cf7+cf8+cf9+cf10+cf11+cf12+cf13+cf14+
cf15++cf16+cf17+cf18+cf19+cf20+cf21+cf22+cf23).
VARIABLE LABELS cfink 'Sum of all Casey-Fink Graduate Nurse Experience Survey items except stress
items'.
EXECUTE.
COMPUTE cfsupp=mean(cf19,cf9,cf6,cf7,cf18,cf10,cf4,cf13,cf23).
VARIABLE LABELS cfsupp 'Support factor of the Casey-Fink Graduate Nurse Experience Survey'.
EXECUTE.
COMPUTE cforgpr=mean(cf16,cf5,cf8,cf12,cf17).
VARIABLE LABELS cforgpr 'Organizing and prioritizing factor of the Casey-Fink Graduate Nurse
Experience Survey'.
EXECUTE.
COMPUTE cfstres=mean(cf25ar,cf25br, cf25cr,cf25dr,cf25er,cf25fr).
VARIABLE LABELS cfstres 'Stress factor of the Casey-Fink Graduate Nurse Experience Survey'.
EXECUTE.
COMPUTE cfcoml=mean(cf1,cf3,cf15,cf14,cf11,cf2).
VARIABLE LABELS cfcoml 'Communication/leadership factor of the Casey-Fink Graduate Nurse
Experience Survey'.
EXECUTE.
COMPUTE cfprofs=mean(cf22,cf21,cf20).
VARIABLE LABELS cfprofs 'Professional Satisfaction factor of the Casey-Fink Graduate Nurse
Experience Survey'.
EXECUTE.

*You would then score the items in the satisfaction section (as a summed score or
separately, as you decide)*

*And then run frequencies on the last 5 items. These can also be analyzed by
copying them into excel and sorting the column to out responses that start with
similar terms in alphabetical order.*

FREQUENCIES
 VARIABLES=Difficulties Support Comments Most_satis Least_satis
 /ORDER= VARIABLE .