**CSU- GLOBAL MIS500-1**

**Option #1 Implementing SAS Hypothesis Testing**

**Addis A Asegahegn**

**April 12, 2020**

Table of Contents

The SAS code --------------------------------------------------------------------------------------- 3

The Print Procedure -------------------------------------------------------------------------------------4

Data Set WORK.TESTSCORES ---------------------------------------------------------------------4

 The T-test Procedure ----------------------------------------------------------------------------------5

 T-Score\_before – T-Score\_after --------------------------------------------------------------------5

 Statistics --------------------------------------------------------------------------------------------------5

 Confidence Limits --------------------------------------------------------------------------------------5

 T-Tests ---------------------------------------------------------------------------------------------------5

 Summary Panel ----------------------------------------------------------------------------------------5

 Profiles Plot ---------------------------------------------------------------------------------------------5

 Agreement Plot ----------------------------------------------------------------------------------------6

 Q-Q Plot -------------------------------------------------------------------------------------------------6

data TestScores;

input TScore\_before TScore\_after @@;

datalines;

123 133 135 136 129 135 117 137

120 142 138 135 140 121 145 147

136 168 140 152 146 129 137 145

;

run;

proc print data=TestScores;

run;

ods graphics on;

proc ttest;

paired TScore\_before\*TScore\_after;

run;

ods graphics off;









