**การตรวจสอบคุ้มรวมของประชากร**

**(Syntax ให้แสดงผลข้อมูลที่อยู่นอกคุ้มรวมหรือรหัส tsic ไม่ถูกต้อง)**

**Syntax test TSIC\_L**

**\*type = 01\*/**

**/\*type = 01, tsic\_l = 45101 - 45405\*/**

**IF(tsic\_l >= 45101) & (tsic\_l <= 45405) & /\*Category 45\*/**

**(tsic\_l ~= 45101) & (tsic\_l ~= 45102) & (tsic\_l ~= 45103) & (tsic\_l ~= 45104) &**

**(tsic\_l ~= 45201) & (tsic\_l ~= 45202) & (tsic\_l ~= 45203) &**

**(tsic\_l ~= 45301) & (tsic\_l ~= 45302) & (tsic\_l ~= 45303) &**

**(tsic\_l ~= 45401) & (tsic\_l ~= 45402) & (tsic\_l ~= 45403) & (tsic\_l ~= 45404) &**

**(tsic\_l ~= 45405)tsic\_lf=1.**

**EXECUTE .**

**/\*TYPE = 02\*/**

**/\*TYPE = 02, tsic\_l = 46101 - 46900\*/**

**IF(tsic\_l >= 46101) & (tsic\_l <= 46900) & /\*Category 46\*/**

**(tsic\_l ~= 46101) & (tsic\_l ~= 46102) & (tsic\_l ~= 46103) & (tsic\_l ~= 46104) & (tsic\_l ~= 46105) & (tsic\_l ~= 46106) & (tsic\_l ~= 46107) &**

**(tsic\_l ~= 46108) & (tsic\_l ~= 46109) & (tsic\_l ~= 46201) & (tsic\_l ~= 46202) & (tsic\_l ~= 46203) & (tsic\_l ~= 46204) & (tsic\_l ~= 46205) &**

**(tsic\_l ~= 46206) & (tsic\_l ~= 46209) & (tsic\_l ~= 46311) & (tsic\_l ~= 46312) & (tsic\_l ~= 46313) &**

**(tsic\_l ~= 46314) & (tsic\_l ~= 46315) & (tsic\_l ~= 46316) & (tsic\_l ~= 46317) & (tsic\_l ~= 46318) & (tsic\_l ~= 46319) &**

**(tsic\_l ~= 46321) & (tsic\_l ~= 46322) & (tsic\_l ~= 46323) &**

**(tsic\_l ~= 46411) & (tsic\_l ~= 46412) & (tsic\_l ~= 46413) & (tsic\_l ~= 46414) & (tsic\_l ~= 46415) &**

**(tsic\_l ~= 46421) & (tsic\_l ~= 46422) &**

**(tsic\_l ~= 46431) & (tsic\_l ~= 46432) & (tsic\_l ~= 46433) & (tsic\_l ~= 46434) & (tsic\_l ~= 46439) &**

**(tsic\_l ~= 46441) & (tsic\_l ~= 46442) & (tsic\_l ~= 46443) &**

**(tsic\_l ~= 46491) & (tsic\_l ~= 46492) & (tsic\_l ~= 46493) & (tsic\_l ~= 46494) & (tsic\_l ~= 46495) & (tsic\_l ~= 46499) &**

**(tsic\_l ~= 46510) &**

**(tsic\_l ~= 46521) & (tsic\_l ~= 46522) &**

**(tsic\_l ~= 46530) &**

**(tsic\_l ~= 46591) & (tsic\_l ~= 46592) & (tsic\_l ~= 46593) & (tsic\_l ~= 46594) & (tsic\_l ~= 46599) &**

**(tsic\_l ~= 46611) & (tsic\_l ~= 46612) & (tsic\_l ~= 46613) & (tsic\_l ~= 46614) &**

**(tsic\_l ~= 46621) & (tsic\_l ~= 46622) &**

**(tsic\_l ~= 46631) & (tsic\_l ~= 46632) & (tsic\_l ~= 46633) & (tsic\_l ~= 46634) & (tsic\_l ~= 46639) &**

**(tsic\_l ~= 46691) & (tsic\_l ~= 46692) & (tsic\_l ~= 46693) & (tsic\_l ~= 46694) & (tsic\_l ~= 46695) & (tsic\_l ~= 46699) &**

**(tsic\_l ~= 46900)tsic\_lf=1.**

**EXECUTE .**

**/\*TYPE = 03\*/**

**/\*TYPE = 03, tsic\_l = 47111 - 47999\*/**

**IF(tsic\_l >= 47111) & (tsic\_l <= 47999) &/\*Category 47\*/**

**(tsic\_l ~= 47111) & (tsic\_l ~= 47112) & (tsic\_l ~= 47113) & (tsic\_l ~= 47114) &**

**(tsic\_l ~= 47190) &**

**(tsic\_l ~= 47211) & (tsic\_l ~= 47212) & (tsic\_l ~= 47213) & (tsic\_l ~= 47214) & (tsic\_l ~= 47215) & (tsic\_l ~= 47219) &**

**(tsic\_l ~= 47221) & (tsic\_l ~= 47222) &**

**(tsic\_l ~= 47230) &**

**(tsic\_l ~= 47300) &**

**(tsic\_l ~= 47411) & (tsic\_l ~= 47412) & (tsic\_l ~= 47413) &**

**(tsic\_l ~= 47420) &**

**(tsic\_l ~= 47511) & (tsic\_l ~= 47512) & (tsic\_l ~= 47513) &**

**(tsic\_l ~= 47521) & (tsic\_l ~= 47522) & (tsic\_l ~= 47523) & (tsic\_l ~= 47524) & (tsic\_l ~= 47525) &**

**(tsic\_l ~= 47530) &**

**(tsic\_l ~= 47591) & (tsic\_l ~= 47592) & (tsic\_l ~= 47593) & (tsic\_l ~= 47594) & (tsic\_l ~= 47595) & (tsic\_l ~= 47599) &**

**(tsic\_l ~= 47611) & (tsic\_l ~= 47612) &**

**(tsic\_l ~= 47620) &**

**(tsic\_l ~= 47630) &**

**(tsic\_l ~= 47640) &**

**(tsic\_l ~= 47691) & (tsic\_l ~= 47699) &**

**(tsic\_l ~= 47711) & (tsic\_l ~= 47712) & (tsic\_l ~= 47713) &**

**(tsic\_l ~= 47721) & (tsic\_l ~= 47722) & (tsic\_l ~= 47723) &**

**(tsic\_l ~= 47731) & (tsic\_l ~= 47732) & (tsic\_l ~= 47733) & (tsic\_l ~= 47734) & (tsic\_l ~= 47735) & (tsic\_l ~= 47739) &**

**(tsic\_l ~= 47741) & (tsic\_l ~= 47742) & (tsic\_l ~= 47743) & (tsic\_l ~= 47744) & (tsic\_l ~= 47745) & (tsic\_l ~= 47749) &**

**(tsic\_l ~= 47911) & (tsic\_l ~= 47912) &**

**(tsic\_l ~= 47991) tsic\_lf=1.**

**EXECUTE .**

**/\*TYPE = 04\*/**

**/\*TYPE = 04, tsic\_l = 55101 - 56302\*/**

**IF(tsic\_l >= 55101) & (tsic\_l <= 56304) & /\*Category 55\*/**

**(tsic\_l ~= 55101) & (tsic\_l ~= 55102) & (tsic\_l ~= 55103) & (tsic\_l ~= 55109) &**

**(tsic\_l ~= 55200) & (tsic\_l ~= 55901) & (tsic\_l ~= 55909) & /\*Category 56\*/**

**(tsic\_l ~= 56101) &**

**(tsic\_l ~= 56210) &**

**(tsic\_l ~= 56291) & (tsic\_l ~= 56292) & (tsic\_l ~= 56299) &**

**(tsic\_l ~= 56301) & (tsic\_l ~= 56302) tsic\_lf=1.**

**EXECUTE .**

**/\*TYPE = 05\*/**

**/\*TYPE = 05, tsic\_l = 58111 - 63990\*/**

**IF(tsic\_l >= 58111) & (tsic\_l <= 63990) & /\*Category 58\*/**

**(tsic\_l ~= 58111) & (tsic\_l ~= 58112) & (tsic\_l ~= 58113) & (tsic\_l ~= 58114)&**

**(tsic\_l ~= 58121) & (tsic\_l ~= 58122) &**

**(tsic\_l ~= 58131) & (tsic\_l ~= 58132) & (tsic\_l ~= 58133) & (tsic\_l ~= 58134)&**

**(tsic\_l ~= 58191) & (tsic\_l ~= 58192) & (tsic\_l ~= 58193) &**

**(tsic\_l ~= 58201) & (tsic\_l ~= 58202) & (tsic\_l ~= 58203) & /\*Category 59\*/**

**(tsic\_l ~= 59111) & (tsic\_l ~= 59112) &**

**(tsic\_l ~= 59121) & (tsic\_l ~= 59122) & (tsic\_l ~= 59129) &**

**(tsic\_l ~= 59131) & (tsic\_l ~= 59132) &**

**(tsic\_l ~= 59140) &**

**(tsic\_l ~= 59201) & (tsic\_l ~= 59202) & (tsic\_l ~= 59203) & /\*Category 60\*/**

**(tsic\_l ~= 60101) & (tsic\_l ~= 60102) &**

**(tsic\_l ~= 60201) & (tsic\_l ~= 60202) & (tsic\_l ~= 60203) & /\*Category 61\*/**

**(tsic\_l ~= 61101) & (tsic\_l ~= 61102) & (tsic\_l ~= 61109) &**

**(tsic\_l ~= 61201) & (tsic\_l ~= 61202) & (tsic\_l ~= 61209) &**

**(tsic\_l ~= 61301) & (tsic\_l ~= 61302) &**

**(tsic\_l ~= 61900) & /\*Category 62\*/**

**(tsic\_l ~= 62011) & (tsic\_l ~= 62012) &**

**(tsic\_l ~= 62021) & (tsic\_l ~= 62022) & (tsic\_l ~= 62023) &**

**(tsic\_l ~= 62090) &/\*Category 63\*/**

**(tsic\_l ~= 63111) & (tsic\_l ~= 63112) &**

**(tsic\_l ~= 63120) &**

**(tsic\_l ~= 63911) & (tsic\_l ~= 63912) &**

**(tsic\_l ~= 63990)tsic\_lf=1.**

**EXECUTE .**

**/\*TYPE = 06\*/**

**/\*TYPE = 06, tsic\_l = 68101 - 68202\*/**

**IF(tsic\_l >= 68101) & (tsic\_l <= 68202) & /\*Category 68\*/**

**(tsic\_l ~= 68101) & (tsic\_l ~= 68102) & (tsic\_l ~= 68103) & (tsic\_l ~= 68104) &**

**(tsic\_l ~= 68201) & (tsic\_l ~= 68202)tsic\_lf=1.**

**EXECUTE .**

**/\*TYPE = 07\*/**

**/\*TYPE = 07, tsic\_l = 69100 - 74909\*/**

**IF(tsic\_l >= 69100) & (tsic\_l <= 74909) & /\*Category 69\*/**

**(tsic\_l ~= 69100) & (tsic\_l ~= 69200) & /\*Category 70\*/**

**(tsic\_l ~= 70100) &**

**(tsic\_l ~= 70201) & (tsic\_l ~= 70202) & (tsic\_l ~= 70209) & /\*Category 71\*/**

**(tsic\_l ~= 71101) & (tsic\_l ~= 71102) & (tsic\_l ~= 71103) &**

**(tsic\_l ~= 71201) & (tsic\_l ~= 71202) & (tsic\_l ~= 71209) & /\*Category 72\*/**

**(tsic\_l ~= 72101) & (tsic\_l ~= 72102) & (tsic\_l ~= 72109) &**

**(tsic\_l ~= 72200) & /\*Category 73\*/**

**(tsic\_l ~= 73101) & (tsic\_l ~= 73102) &**

**(tsic\_l ~= 73200) & /\*Category 74\*/**

**(tsic\_l ~= 74101) & (tsic\_l ~= 74109) &**

**(tsic\_l ~= 74200) &**

**(tsic\_l ~= 74901) & (tsic\_l ~= 74902) & (tsic\_l ~= 74909)tsic\_lf=1.**

**EXECUTE .**

**/\*TYPE = 08\*/**

**/\*TYPE = 08, tsic\_l = 77101 - 82990\*/**

**IF(tsic\_l >= 77101) & (tsic\_l <= 82990) & /\*Category 77\*/**

**(tsic\_l ~= 77101) & (tsic\_l ~= 77109) &**

**(tsic\_l ~= 77210) &**

**(tsic\_l ~= 77220) &**

**(tsic\_l ~= 77291) & (tsic\_l ~= 77299) &**

**(tsic\_l ~= 77301) & (tsic\_l ~= 77302) & (tsic\_l ~= 77303) & (tsic\_l ~= 77304) & (tsic\_l ~= 77305) & (tsic\_l ~= 77306) & (tsic\_l ~= 77309) &**

**(tsic\_l ~= 77400) & /\*Category 78\*/**

**(tsic\_l ~= 78101) & (tsic\_l ~= 78109) &**

**(tsic\_l ~= 78200) &**

**(tsic\_l ~= 78300) & /\*Category 79\*/**

**(tsic\_l ~= 79110) &**

**(tsic\_l ~= 79120) &**

**(tsic\_l ~= 79901) &**

**(tsic\_l ~= 79909) &/\*Category 80\*/**

**(tsic\_l ~= 80100) &**

**(tsic\_l ~= 80200) &**

**(tsic\_l ~= 80300) & /\*Category 81\*/**

**(tsic\_l ~= 81100) &**

**(tsic\_l ~= 81210) &**

**(tsic\_l ~= 81291) & (tsic\_l ~= 81292) & (tsic\_l ~= 81293) & (tsic\_l ~= 81299) &**

**(tsic\_l ~= 81300) &/\*Category 82\*/**

**(tsic\_l ~= 82110) &**

**(tsic\_l ~= 82191) & (tsic\_l ~= 82199) &**

**(tsic\_l ~= 82200) &**

**(tsic\_l ~= 82301) & (tsic\_l ~= 82302) &**

**(tsic\_l ~= 82911) & (tsic\_l ~= 82912) &**

**(tsic\_l ~= 82920) &**

**(tsic\_l ~= 82990)tsic\_lf=1.**

**EXECUTE .**

**/\*TYPE = 09\*/**

**/\*TYPE = 09, tsic\_l = 90001 - 93299\*/**

**IF(tsic\_l >= 90001) & (tsic\_l <= 93299) & /\*Category 90\*/**

**(tsic\_l ~= 90001) & (tsic\_l ~= 90002) & /\*Category 91\*/**

**(tsic\_l ~= 91011) & (tsic\_l ~= 91012) &**

**(tsic\_l ~= 91021) & (tsic\_l ~= 91022) &**

**(tsic\_l ~= 91031) & (tsic\_l ~= 91032) &**

**(tsic\_l ~= 92001) & (tsic\_l ~= 92009) & /\*Category 93\*/**

**(tsic\_l ~= 93111) & (tsic\_l ~= 93112) &**

**(tsic\_l ~= 93120) &**

**(tsic\_l ~= 93191) & (tsic\_l ~= 93192) & (tsic\_l ~= 93199) &**

**(tsic\_l ~= 93210) &**

**(tsic\_l ~= 93291) & (tsic\_l ~= 93292) & (tsic\_l ~= 93293) & (tsic\_l ~= 93299)tsic\_lf=1.**

**EXECUTE .**

**/\*TYPE = 10\*/**

**/\*TYPE = 10, tsic\_l = 95110 - 96309\*/**

**IF(tsic\_l >= 95110) & (tsic\_l <= 96309) & /\*Category 95\*/**

**(tsic\_l ~= 95110) &**

**(tsic\_l ~= 95120) &**

**(tsic\_l ~= 95210) &**

**(tsic\_l ~= 95220) &**

**(tsic\_l ~= 95230) &**

**(tsic\_l ~= 95240) &**

**(tsic\_l ~= 95291) & (tsic\_l ~= 95292) & (tsic\_l ~= 95293) & (tsic\_l ~= 95294) & (tsic\_l ~= 95295) & (tsic\_l ~= 95299) &/\*Category 96\*/**

**(tsic\_l ~= 96101) & (tsic\_l ~= 96102) & (tsic\_l ~= 96103) & (tsic\_l ~= 96104) & (tsic\_l ~= 96109) &**

**(tsic\_l ~= 96201) & (tsic\_l ~= 96202) & (tsic\_l ~= 96203) &**

**(tsic\_l ~= 96301) & (tsic\_l ~= 96302) & (tsic\_l ~= 96303) & (tsic\_l ~= 96304) & (tsic\_l ~= 96305) & (tsic\_l ~= 96309)tsic\_lf=1.**

**EXECUTE .**

**/\*TYPE = 11\*/**

**/\*TYPE = 11, tsic\_l = 10111 - 33200\*/**

**IF(tsic\_l >= 10111) & (tsic\_l <= 33200) & /\*Category 10\*/**

**(tsic\_l ~= 10111) & (tsic\_l ~= 10112) &**

**(tsic\_l ~= 10120) &**

**(tsic\_l ~= 10131) & (tsic\_l ~= 10132) & (tsic\_l ~= 10133) & (tsic\_l ~= 10134) & (tsic\_l ~= 10139) &**

**(tsic\_l ~= 10211) & (tsic\_l ~= 10212) &**

**(tsic\_l ~= 10221) & (tsic\_l ~= 10222) &**

**(tsic\_l ~= 10291) & (tsic\_l ~= 10292) & (tsic\_l ~= 10293) & (tsic\_l ~= 10294) & (tsic\_l ~= 10295) & (tsic\_l ~= 10299) &**

**(tsic\_l ~= 10301) & (tsic\_l ~= 10302) & (tsic\_l ~= 10303) & (tsic\_l ~= 10304) & (tsic\_l ~= 10305) & (tsic\_l ~= 10306) & (tsic\_l ~= 10307) & (tsic\_l ~= 10309) &**

**(tsic\_l ~= 10411) & (tsic\_l ~= 10412) & (tsic\_l ~= 10413) & (tsic\_l ~= 10414) & (tsic\_l ~= 10419) &**

**(tsic\_l ~= 10420) &**

**(tsic\_l ~= 10491) & (tsic\_l ~= 10499) &**

**(tsic\_l ~= 10501) & (tsic\_l ~= 10502) & (tsic\_l ~= 10503) & (tsic\_l ~= 10504) & (tsic\_l ~= 10505) & (tsic\_l ~= 10509) &**

**(tsic\_l ~= 10611) & (tsic\_l ~= 10612) & (tsic\_l ~= 10613) & (tsic\_l ~= 10614) & (tsic\_l ~= 10615) & (tsic\_l ~= 10616) & (tsic\_l ~= 10617) & (tsic\_l ~= 10619) &**

**(tsic\_l ~= 10621) & (tsic\_l ~= 10622) & (tsic\_l ~= 10623) & (tsic\_l ~= 10629) &**

**(tsic\_l ~= 10711) & (tsic\_l ~= 10712) & (tsic\_l ~= 10713) &**

**(tsic\_l ~= 10721) & (tsic\_l ~= 10722) & (tsic\_l ~= 10723) &**

**(tsic\_l ~= 10731) & (tsic\_l ~= 10732) & (tsic\_l ~= 10733) & (tsic\_l ~= 10734) & (tsic\_l ~= 10739) &**

**(tsic\_l ~= 10741) & (tsic\_l ~= 10742) & (tsic\_l ~= 10743) & (tsic\_l ~= 10749) &**

**(tsic\_l ~= 10751) & (tsic\_l ~= 10752) &**

**(tsic\_l ~= 10761) & (tsic\_l ~= 10762) & (tsic\_l ~= 10769) &**

**(tsic\_l ~= 10771) & (tsic\_l ~= 10772) & (tsic\_l ~= 10773) & (tsic\_l ~= 10774) & (tsic\_l ~= 10775) & (tsic\_l ~= 10779) &**

**(tsic\_l ~= 10791) & (tsic\_l ~= 10792) & (tsic\_l ~= 10793) & (tsic\_l ~= 10794) & (tsic\_l ~= 10795) & (tsic\_l ~= 10796) & (tsic\_l ~= 10799) &**

**(tsic\_l ~= 10801) & (tsic\_l ~= 10802) &/\*Category 11\*/**

**(tsic\_l ~= 11011) & (tsic\_l ~= 11012) &**

**(tsic\_l ~= 11021) & (tsic\_l ~= 11022) & (tsic\_l ~= 11029) &**

**(tsic\_l ~= 11030) &**

**(tsic\_l ~= 11041) & (tsic\_l ~= 11042) & (tsic\_l ~= 11043) & (tsic\_l ~= 11044) & (tsic\_l ~= 11049) & /\*Category 12\*/**

**(tsic\_l ~= 12001) & (tsic\_l ~= 12002) & (tsic\_l ~= 12009) & /\*Category 13\*/**

**(tsic\_l ~= 13111) & (tsic\_l ~= 13112) & (tsic\_l ~= 13113) &**

**(tsic\_l ~= 13121) & (tsic\_l ~= 13122) & (tsic\_l ~= 13129) &**

**(tsic\_l ~= 13131) & (tsic\_l ~= 13132) & (tsic\_l ~= 13139) &**

**(tsic\_l ~= 13910) &**

**(tsic\_l ~= 13921) & (tsic\_l ~= 13922) & (tsic\_l ~= 13929) &**

**(tsic\_l ~= 13930) &**

**(tsic\_l ~= 13940) &**

**(tsic\_l ~= 13991) & (tsic\_l ~= 13992) & (tsic\_l ~= 13999) &/\*Category 14\*/**

**(tsic\_l ~= 14111) & (tsic\_l ~= 14112) & (tsic\_l ~= 14113) & (tsic\_l ~= 14114) & (tsic\_l ~= 14115) & (tsic\_l ~= 14116) &**

**(tsic\_l ~= 14120) &**

**(tsic\_l ~= 14131) & (tsic\_l ~= 14139) &**

**(tsic\_l ~= 14200) &**

**(tsic\_l ~= 14301) & (tsic\_l ~= 14302) &/\*Category 15\*/**

**(tsic\_l ~= 15110) &**

**(tsic\_l ~= 15121) & (tsic\_l ~= 15122) & (tsic\_l ~= 15129) &**

**(tsic\_l ~= 15201) & (tsic\_l ~= 15202) & (tsic\_l ~= 15203) & (tsic\_l ~= 15204) & (tsic\_l ~= 15209) & /\*Category 16\*/**

**(tsic\_l ~= 16101) & (tsic\_l ~= 16102) &**

**(tsic\_l ~= 16210) &**

**(tsic\_l ~= 16220) &**

**(tsic\_l ~= 16230) &**

**(tsic\_l ~= 16291) & (tsic\_l ~= 16292) & (tsic\_l ~= 16299) &/\*Category 17\*/**

**(tsic\_l ~= 17011) & (tsic\_l ~= 17012) &**

**(tsic\_l ~= 17020) &**

**(tsic\_l ~= 17091) & (tsic\_l ~= 17092) & (tsic\_l ~= 17099) &/\*Category 18\*/**

**(tsic\_l ~= 18111) & (tsic\_l ~= 18112) & (tsic\_l ~= 18119) &**

**(tsic\_l ~= 18121) & (tsic\_l ~= 18122) &**

**(tsic\_l ~= 18200) &/\*Category 19\*/**

**(tsic\_l ~= 19100) &**

**(tsic\_l ~= 19201) & (tsic\_l ~= 19202) & (tsic\_l ~= 19209) &/\*Category 20\*/**

**(tsic\_l ~= 20111) & (tsic\_l ~= 20112) & (tsic\_l ~= 20113) & (tsic\_l ~= 20114) & (tsic\_l ~= 20115) &**

**(tsic\_l ~= 20121) & (tsic\_l ~= 20122) &**

**(tsic\_l ~= 20131) & (tsic\_l ~= 20132) &**

**(tsic\_l ~= 20210) &**

**(tsic\_l ~= 20221) & (tsic\_l ~= 20222) &**

**(tsic\_l ~= 20231) & (tsic\_l ~= 20232) &**

**(tsic\_l ~= 20291) & (tsic\_l ~= 20292) & (tsic\_l ~= 20293) & (tsic\_l ~= 20294) & (tsic\_l ~= 20299) &**

**(tsic\_l ~= 20300) &/\*Category 21\*/**

**(tsic\_l ~= 21001) & (tsic\_l ~= 21002) &/\*Category 22\*/**

**(tsic\_l ~= 22111) & (tsic\_l ~= 22112) &**

**(tsic\_l ~= 22191) & (tsic\_l ~= 22192) & (tsic\_l ~= 22193) & (tsic\_l ~= 22199) &**

**(tsic\_l ~= 22210) & (tsic\_l ~= 22220) & (tsic\_l ~= 22230) &**

**(tsic\_l ~= 22291) & (tsic\_l ~= 22292) & (tsic\_l ~= 22299) &/\*Category 23\*/**

**(tsic\_l ~= 23101) & (tsic\_l ~= 23102) & (tsic\_l ~= 23103) & (tsic\_l ~= 23109) &**

**(tsic\_l ~= 23910) &**

**(tsic\_l ~= 23921) & (tsic\_l ~= 23922) & (tsic\_l ~= 23923) & (tsic\_l ~= 23929) &**

**(tsic\_l ~= 23931) & (tsic\_l ~= 23932) & (tsic\_l ~= 23933) & (tsic\_l ~= 23939) &**

**(tsic\_l ~= 23941) & (tsic\_l ~= 23942) &**

**(tsic\_l ~= 23951) & (tsic\_l ~= 23952) & (tsic\_l ~= 23953) & (tsic\_l ~= 23954) & (tsic\_l ~= 23959) &**

**(tsic\_l ~= 23961) & (tsic\_l ~= 23969) &**

**(tsic\_l ~= 23991) & (tsic\_l ~= 23992) & (tsic\_l ~= 23999) & /\*Category 24\*/**

**(tsic\_l ~= 24101) & (tsic\_l ~= 24102) & (tsic\_l ~= 24103) & (tsic\_l ~= 24109) &**

**(tsic\_l ~= 24201) & (tsic\_l ~= 24202) & (tsic\_l ~= 24203) & (tsic\_l ~= 24204) & (tsic\_l ~= 24209) &**

**(tsic\_l ~= 24311) & (tsic\_l ~= 24312) &**

**(tsic\_l ~= 24320) & /\*Category 25\*/**

**(tsic\_l ~= 25111) & (tsic\_l ~= 25112) & (tsic\_l ~= 25113) & (tsic\_l ~= 25119) &**

**(tsic\_l ~= 25121) & (tsic\_l ~= 25122) & (tsic\_l ~= 25129) &**

**(tsic\_l ~= 25130) &**

**(tsic\_l ~= 25201) & (tsic\_l ~= 25209) &**

**(tsic\_l ~= 25910) &**

**(tsic\_l ~= 25921) & (tsic\_l ~= 25922) &**

**(tsic\_l ~= 25931) & (tsic\_l ~= 25932) & (tsic\_l ~= 25939) &**

**(tsic\_l ~= 25941) & (tsic\_l ~= 25949) &**

**(tsic\_l ~= 25951) & (tsic\_l ~= 25952) &**

**(tsic\_l ~= 25991) & (tsic\_l ~= 25992) & (tsic\_l ~= 25993) & (tsic\_l ~= 25999) &/\*Category 26\*/**

**(tsic\_l ~= 26101) & (tsic\_l ~= 26102) & (tsic\_l ~= 26103) & (tsic\_l ~= 26104) & (tsic\_l ~= 26109) &**

**(tsic\_l ~= 26201) & (tsic\_l ~= 26202) & (tsic\_l ~= 26203) & (tsic\_l ~= 26209) &**

**(tsic\_l ~= 26301) & (tsic\_l ~= 26302) & (tsic\_l ~= 26303) & (tsic\_l ~= 26309) &**

**(tsic\_l ~= 26401) & (tsic\_l ~= 26402) & (tsic\_l ~= 26403) & (tsic\_l ~= 26409) &**

**(tsic\_l ~= 26511) & (tsic\_l ~= 26512) &**

**(tsic\_l ~= 26521) & (tsic\_l ~= 26529) &**

**(tsic\_l ~= 26600) &**

**(tsic\_l ~= 26701) & (tsic\_l ~= 26702) & (tsic\_l ~= 26703) &**

**(tsic\_l ~= 26800) & /\*Category 27\*/**

**(tsic\_l ~= 27101) & (tsic\_l ~= 27102) & (tsic\_l ~= 27103) &**

**(tsic\_l ~= 27200) &**

**(tsic\_l ~= 27310) & (tsic\_l ~= 27320) & (tsic\_l ~= 27330) &**

**(tsic\_l ~= 27401) & (tsic\_l ~= 27409) &**

**(tsic\_l ~= 27501) & (tsic\_l ~= 27502) & (tsic\_l ~= 27503) &**

**(tsic\_l ~= 27901) & (tsic\_l ~= 27902) & (tsic\_l ~= 27909) & /\*Category 28\*/**

**(tsic\_l ~= 28110) &**

**(tsic\_l ~= 28120) &**

**(tsic\_l ~= 28131) & (tsic\_l ~= 28132) &**

**(tsic\_l ~= 28140) &**

**(tsic\_l ~= 28150) &**

**(tsic\_l ~= 28160) &**

**(tsic\_l ~= 28170) &**

**(tsic\_l ~= 28180) &**

**(tsic\_l ~= 28191) & (tsic\_l ~= 28199) &**

**(tsic\_l ~= 28211) & (tsic\_l ~= 28219) &**

**(tsic\_l ~= 28221) & (tsic\_l ~= 28229) &**

**(tsic\_l ~= 28230) &**

**(tsic\_l ~= 28240) &**

**(tsic\_l ~= 28250) &**

**(tsic\_l ~= 28261) & (tsic\_l ~= 28269) &**

**(tsic\_l ~= 28291) &**

**(tsic\_l ~= 28292) & (tsic\_l ~= 28299) & /\*Category 29\*/**

**(tsic\_l ~= 29101) & (tsic\_l ~= 29102) & (tsic\_l ~= 29103) & (tsic\_l ~= 29104) & (tsic\_l ~= 29109) &**

**(tsic\_l ~= 29201) & (tsic\_l ~= 29202) & (tsic\_l ~= 29203) &**

**(tsic\_l ~= 29301) & (tsic\_l ~= 29302) & (tsic\_l ~= 29309) &/\*Category 30\*/**

**(tsic\_l ~= 30110) &**

**(tsic\_l ~= 30120) &**

**(tsic\_l ~= 30200) &**

**(tsic\_l ~= 30300) &**

**(tsic\_l ~= 30400) &**

**(tsic\_l ~= 30911) & (tsic\_l ~= 30912) &**

**(tsic\_l ~= 30921) & (tsic\_l ~= 30922) &**

**(tsic\_l ~= 30990) & /\*Category 31\*/**

**(tsic\_l ~= 31001) & (tsic\_l ~= 31002) & (tsic\_l ~= 31003) & (tsic\_l ~= 31009) & /\*Category 32\*/**

**(tsic\_l ~= 32111) & (tsic\_l ~= 32112) & (tsic\_l ~= 32113) &**

**(tsic\_l ~= 32120) &**

**(tsic\_l ~= 32201) & (tsic\_l ~= 32209) &**

**(tsic\_l ~= 32301) & (tsic\_l ~= 32302) & (tsic\_l ~= 32303) & (tsic\_l ~= 32309) &**

**(tsic\_l ~= 32401) & (tsic\_l ~= 32402) & (tsic\_l ~= 32409) &**

**(tsic\_l ~= 32501) & (tsic\_l ~= 32502) &**

**(tsic\_l ~= 32901) & (tsic\_l ~= 32902) & (tsic\_l ~= 32903) & (tsic\_l ~= 32904) & (tsic\_l ~= 32909) & /\*Category 33\*/**

**(tsic\_l ~= 33110) &**

**(tsic\_l ~= 33121) & (tsic\_l ~= 33122) &**

**(tsic\_l ~= 33131) & (tsic\_l ~= 33132) & (tsic\_l ~= 33133) &**

**(tsic\_l ~= 33141) & (tsic\_l ~= 33142) & (tsic\_l ~= 33149) &**

**(tsic\_l ~= 33151) & (tsic\_l ~= 33152) & (tsic\_l ~= 33159) &**

**(tsic\_l ~= 33190) &**

**(tsic\_l ~= 33200)tsic\_lf=1.**

**EXECUTE .**

**/\*TYPE = 12\*/**

**/\*TYPE = 12, tsic\_l = 37000 - 39000\*/**

**IF(tsic\_l >= 37000) & (tsic\_l <= 39000) & /\*Category 37\*/**

**(tsic\_l ~= 37000) & /\*Category 38\*/**

**(tsic\_l ~= 38110) & (tsic\_l ~= 38120) &**

**(tsic\_l ~= 38211) & (tsic\_l ~= 38212) & (tsic\_l ~= 38213) & (tsic\_l ~= 38219) &**

**(tsic\_l ~= 38221) & (tsic\_l ~= 38222) & (tsic\_l ~= 38300) &**

**(tsic\_l ~= 39000)tsic\_lf=1.**

**EXECUTE .**

**/\*TYPE = 13\*/**

**/\*TYPE = 13, tsic\_l = 41001 - 43909\*/**

**IF(tsic\_l >= 41001) & (tsic\_l <= 43909) & /\*Category 41\*/**

**(tsic\_l ~= 41001) & (tsic\_l ~= 41002) &/\*Category 42\*/**

**(tsic\_l ~= 42101) & (tsic\_l ~= 42102) &**

**(tsic\_l ~= 42201) & (tsic\_l ~= 42202) &**

**(tsic\_l ~= 42901) & (tsic\_l ~= 42909) &/\*Category 43\*/**

**(tsic\_l ~= 43110) &**

**(tsic\_l ~= 43120) &**

**(tsic\_l ~= 43210) &**

**(tsic\_l ~= 43221) & (tsic\_l ~= 43222) & (tsic\_l ~= 43223) &**

**(tsic\_l ~= 43291) & (tsic\_l ~= 43299) &**

**(tsic\_l ~= 43301) & (tsic\_l ~= 43302) & (tsic\_l ~= 43303) & (tsic\_l ~= 43309) &**

**(tsic\_l ~= 43901) & (tsic\_l ~= 43909)tsic\_lf=1.**

**EXECUTE .**

**/\*TYPE = 14\*/**

**/\*TYPE = 14, tsic\_l = 49110 - 52299\*/**

**IF(tsic\_l >= 49110) & (tsic\_l <= 52299) & /\*Category 49\*/**

**(tsic\_l ~= 49201) & (tsic\_l ~= 49202) & (tsic\_l ~= 49203) & (tsic\_l ~= 49204) & (tsic\_l ~= 49209) &**

**(tsic\_l ~= 49310) &**

**(tsic\_l ~= 49329) &**

**(tsic\_l ~= 49331) & (tsic\_l ~= 49332) & (tsic\_l ~= 49333) & (tsic\_l ~= 49334) & (tsic\_l ~= 49339) & /\*Category 52\*/**

**(tsic\_l ~= 52101) & (tsic\_l ~= 52102) & (tsic\_l ~= 52109) &**

**(tsic\_l ~= 52291) tsic\_lf=1.**

**EXECUTE .**

**/\*TYPE = 15\*/**

**/\*TYPE = 15, tsic\_l = 86101 - 86102\*/**

**IF(tsic\_l >= 86101) & (tsic\_l <= 86102) & /\*Category 86\*/**

**(tsic\_l ~= 86101) & (tsic\_l ~= 86102)tsic\_lf=1.**

**EXECUTE .**

**IF((tsic\_l >= 10803) & (tsic\_l <= 11010))|((tsic\_l >= 11050) & (tsic\_l <= 12000))|((tsic\_l >= 12010) & (tsic\_l <= 13110))|**

**((tsic\_l >= 14000) & (tsic\_l <= 14101))|((tsic\_l >= 14303) & (tsic\_l <= 15109))|((tsic\_l >= 15210) & (tsic\_l <= 16100))|**

**((tsic\_l >= 16300) & (tsic\_l <= 17010))|((tsic\_l >= 17100) & (tsic\_l <= 18110))|((tsic\_l >= 18201) & (tsic\_l <= 19099))|**

**((tsic\_l >= 19210) & (tsic\_l <= 20110))|((tsic\_l >= 20301) & (tsic\_l <= 21000))|((tsic\_l >= 21003) & (tsic\_l <= 22110))|**

**((tsic\_l >= 22300) & (tsic\_l <= 23100))|((tsic\_l >= 24000) & (tsic\_l <= 24100))|((tsic\_l >= 24321) & (tsic\_l <= 25110))|**

**((tsic\_l >= 26000) & (tsic\_l <= 26100))|((tsic\_l >= 26801) & (tsic\_l <= 27100))|((tsic\_l >= 27910) & (tsic\_l <= 28109))|**

**((tsic\_l >= 28300) & (tsic\_l <= 29100))|((tsic\_l >= 29310) & (tsic\_l <= 30109))|((tsic\_l >= 30991) & (tsic\_l <= 31000))|**

**((tsic\_l >= 31010) & (tsic\_l <= 32110))|((tsic\_l >= 32910) & (tsic\_l <= 33109))|((tsic\_l >= 33201) & (tsic\_l <= 36999))|**

**((tsic\_l >= 37001) & (tsic\_l <= 38109))|((tsic\_l >= 38301) & (tsic\_l <= 38999))|((tsic\_l >= 39001) & (tsic\_l <= 41000))|**

**((tsic\_l >= 41003) & (tsic\_l <= 42100))|((tsic\_l >= 42910) & (tsic\_l <= 43109))|((tsic\_l >= 43910) & (tsic\_l <= 45100))|**

**((tsic\_l >= 45406) & (tsic\_l <= 46100))|((tsic\_l >= 46901) & (tsic\_l <= 47110))|((tsic\_l >= 48000) & (tsic\_l <= 49109))|**

**((tsic\_l >= 49399) & (tsic\_l <= 52100))|((tsic\_l >= 52300) & (tsic\_l <= 55100))|((tsic\_l >= 55910) & (tsic\_l <= 56100))|**

**((tsic\_l >= 56305) & (tsic\_l <= 58110))|((tsic\_l >= 58204) & (tsic\_l <= 59110))|((tsic\_l >= 59204) & (tsic\_l <= 60100))|**

**((tsic\_l >= 60204) & (tsic\_l <= 61100))|((tsic\_l >= 61901) & (tsic\_l <= 62010))|((tsic\_l >= 62091) & (tsic\_l <= 63110))|**

**((tsic\_l >= 63991) & (tsic\_l <= 68100))|((tsic\_l >= 68203) & (tsic\_l <= 69099))|((tsic\_l >= 69201) & (tsic\_l <= 70099))|**

**((tsic\_l >= 70210) & (tsic\_l <= 71100))|((tsic\_l >= 68203) & (tsic\_l <= 69099))|((tsic\_l >= 69201) & (tsic\_l <= 70099))|**

**((tsic\_l >= 71210) & (tsic\_l <= 72100))|((tsic\_l >= 72201) & (tsic\_l <= 73100))|((tsic\_l >= 73201) & (tsic\_l <= 74100))|**

**((tsic\_l >= 74910) & (tsic\_l <= 77100))|((tsic\_l >= 77401) & (tsic\_l <= 78100))|((tsic\_l >= 78301) & (tsic\_l <= 79109))|**

**((tsic\_l >= 79910) & (tsic\_l <= 80099))|((tsic\_l >= 80301) & (tsic\_l <= 81099))|((tsic\_l >= 81301) & (tsic\_l <= 82109))|**

**((tsic\_l >= 82991) & (tsic\_l <= 86100))|((tsic\_l >= 86103) & (tsic\_l <= 90000))|((tsic\_l >= 90003) & (tsic\_l <= 91010))|**

**((tsic\_l >= 91033) & (tsic\_l <= 92000))|((tsic\_l >= 92010) & (tsic\_l <= 93110))|((tsic\_l >= 93300) & (tsic\_l <= 95109))|**

**((tsic\_l >= 95300) & (tsic\_l <= 96100))|((tsic\_l >= 96310) & (tsic\_l <= 99999))|((tsic\_l >= 00000) & (tsic\_l <= 10110))tsic\_lf=1.**

**EXECUTE .**

**SORT CASES BY**

**tsic\_lf (D) .**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Syntax test TSIC\_R**

**/\*type = 01\*/**

**/\*type = 01, tsic\_r = 45101 - 45405\*/**

**IF(tsic\_r >= 45101) & (tsic\_r <= 45405) & /\*Category 45\*/**

**(tsic\_r ~= 45101) & (tsic\_r ~= 45102) & (tsic\_r ~= 45103) & (tsic\_r ~= 45104) &**

**(tsic\_r ~= 45201) & (tsic\_r ~= 45202) & (tsic\_r ~= 45203) &**

**(tsic\_r ~= 45301) & (tsic\_r ~= 45302) & (tsic\_r ~= 45303) &**

**(tsic\_r ~= 45401) & (tsic\_r ~= 45402) & (tsic\_r ~= 45403) & (tsic\_r ~= 45404) & (tsic\_r ~= 45405)tsic\_rf=1.**

**EXECUTE .**

**/\*TYPE = 02\*/**

**/\*TYPE = 02, tsic\_r = 46101 - 46900\*/**

**IF(tsic\_r >= 46101) & (tsic\_r <= 46900) & /\*Category 46\*/**

**(tsic\_r ~= 46101) & (tsic\_r ~= 46102) & (tsic\_r ~= 46103) & (tsic\_r ~= 46104) & (tsic\_r ~= 46105) & (tsic\_r ~= 46106) & (tsic\_r ~= 46107) &**

**(tsic\_r ~= 46108) & (tsic\_r ~= 46109) & (tsic\_r ~= 46201) & (tsic\_r ~= 46202) & (tsic\_r ~= 46203) & (tsic\_r ~= 46204) & (tsic\_r ~= 46205) &**

**(tsic\_r ~= 46206) & (tsic\_r ~= 46209) & (tsic\_r ~= 46311) & (tsic\_r ~= 46312) & (tsic\_r ~= 46313) &**

**(tsic\_r ~= 46314) & (tsic\_r ~= 46315) & (tsic\_r ~= 46316) & (tsic\_r ~= 46317) & (tsic\_r ~= 46318) & (tsic\_r ~= 46319) &**

**(tsic\_r ~= 46321) & (tsic\_r ~= 46322) & (tsic\_r ~= 46323) &**

**(tsic\_r ~= 46411) & (tsic\_r ~= 46412) & (tsic\_r ~= 46413) & (tsic\_r ~= 46414) & (tsic\_r ~= 46415) &**

**(tsic\_r ~= 46421) & (tsic\_r ~= 46422) &**

**(tsic\_r ~= 46431) & (tsic\_r ~= 46432) & (tsic\_r ~= 46433) & (tsic\_r ~= 46434) & (tsic\_r ~= 46439) &**

**(tsic\_r ~= 46441) & (tsic\_r ~= 46442) & (tsic\_r ~= 46443) &**

**(tsic\_r ~= 46491) & (tsic\_r ~= 46492) & (tsic\_r ~= 46493) & (tsic\_r ~= 46494) & (tsic\_r ~= 46495) & (tsic\_r ~= 46499) &**

**(tsic\_r ~= 46510) &**

**(tsic\_r ~= 46521) & (tsic\_r ~= 46522) &**

**(tsic\_r ~= 46530) &**

**(tsic\_r ~= 46591) & (tsic\_r ~= 46592) & (tsic\_r ~= 46593) & (tsic\_r ~= 46594) & (tsic\_r ~= 46599) &**

**(tsic\_r ~= 46611) & (tsic\_r ~= 46612) & (tsic\_r ~= 46613) & (tsic\_r ~= 46614) &**

**(tsic\_r ~= 46621) & (tsic\_r ~= 46622) &**

**(tsic\_r ~= 46631) & (tsic\_r ~= 46632) & (tsic\_r ~= 46633) & (tsic\_r ~= 46634) & (tsic\_r ~= 46639) &**

**(tsic\_r ~= 46691) & (tsic\_r ~= 46692) & (tsic\_r ~= 46693) & (tsic\_r ~= 46694) & (tsic\_r ~= 46695) & (tsic\_r ~= 46699) &**

**(tsic\_r ~= 46900)tsic\_rf=1.**

**EXECUTE .**

**/\*TYPE = 03\*/**

**/\*TYPE = 03, tsic\_r = 47111 - 47999\*/**

**IF(tsic\_r >= 47111) & (tsic\_r <= 47999) &/\*Category 47\*/**

**(tsic\_r ~= 47111) & (tsic\_r ~= 47112) & (tsic\_r ~= 47113) & (tsic\_r ~= 47114) &**

**(tsic\_r ~= 47190) &**

**(tsic\_r ~= 47211) & (tsic\_r ~= 47212) & (tsic\_r ~= 47213) & (tsic\_r ~= 47214) & (tsic\_r ~= 47215) & (tsic\_r ~= 47219) &**

**(tsic\_r ~= 47221) & (tsic\_r ~= 47222) &**

**(tsic\_r ~= 47230) &**

**(tsic\_r ~= 47300) &**

**(tsic\_r ~= 47411) & (tsic\_r ~= 47412) & (tsic\_r ~= 47413) &**

**(tsic\_r ~= 47420) &**

**(tsic\_r ~= 47511) & (tsic\_r ~= 47512) & (tsic\_r ~= 47513) &**

**(tsic\_r ~= 47521) & (tsic\_r ~= 47522) & (tsic\_r ~= 47523) & (tsic\_r ~= 47524) & (tsic\_r ~= 47525) &**

**(tsic\_r ~= 47530) &**

**(tsic\_r ~= 47591) & (tsic\_r ~= 47592) & (tsic\_r ~= 47593) & (tsic\_r ~= 47594) & (tsic\_r ~= 47595) & (tsic\_r ~= 47599) &**

**(tsic\_r ~= 47611) & (tsic\_r ~= 47612) &**

**(tsic\_r ~= 47620) &**

**(tsic\_r ~= 47630) &**

**(tsic\_r ~= 47640) &**

**(tsic\_r ~= 47691) & (tsic\_r ~= 47699) &**

**(tsic\_r ~= 47711) & (tsic\_r ~= 47712) & (tsic\_r ~= 47713) &**

**(tsic\_r ~= 47721) & (tsic\_r ~= 47722) & (tsic\_r ~= 47723) &**

**(tsic\_r ~= 47731) & (tsic\_r ~= 47732) & (tsic\_r ~= 47733) & (tsic\_r ~= 47734) & (tsic\_r ~= 47735) & (tsic\_r ~= 47739) &**

**(tsic\_r ~= 47741) & (tsic\_r ~= 47742) & (tsic\_r ~= 47743) & (tsic\_r ~= 47744) & (tsic\_r ~= 47745) & (tsic\_r ~= 47749) &**

**(tsic\_r ~= 47911) & (tsic\_r ~= 47912) &**

**(tsic\_r ~= 47991) tsic\_rf=1.**

**EXECUTE .**

**/\*TYPE = 04\*/**

**/\*TYPE = 04, tsic\_r = 55101 - 56302\*/**

**IF(tsic\_r >= 55101) & (tsic\_r <= 56304) & /\*Category 55\*/**

**(tsic\_r ~= 55101) & (tsic\_r ~= 55102) & (tsic\_r ~= 55103) & (tsic\_r ~= 55109) &**

**(tsic\_r ~= 55200) & (tsic\_r ~= 55901) & (tsic\_r ~= 55909) & /\*Category 56\*/**

**(tsic\_r ~= 56101) &**

**(tsic\_r ~= 56210) &**

**(tsic\_r ~= 56291) & (tsic\_r ~= 56292) & (tsic\_r ~= 56299) &**

**(tsic\_r ~= 56301) & (tsic\_r ~= 56302) tsic\_rf=1.**

**EXECUTE .**

**/\*TYPE = 05\*/**

**/\*TYPE = 05, tsic\_r = 58111 - 63990\*/**

**IF(tsic\_r >= 58111) & (tsic\_r <= 63990) & /\*Category 58\*/**

**(tsic\_r ~= 58111) & (tsic\_r ~= 58112) & (tsic\_r ~= 58113) & (tsic\_r ~= 58114)&**

**(tsic\_r ~= 58121) & (tsic\_r ~= 58122) &**

**(tsic\_r ~= 58131) & (tsic\_r ~= 58132) & (tsic\_r ~= 58133) & (tsic\_r ~= 58134)&**

**(tsic\_r ~= 58191) & (tsic\_r ~= 58192) & (tsic\_r ~= 58193) &**

**(tsic\_r ~= 58201) & (tsic\_r ~= 58202) & (tsic\_r ~= 58203) & /\*Category 59\*/**

**(tsic\_r ~= 59111) & (tsic\_r ~= 59112) &**

**(tsic\_r ~= 59121) & (tsic\_r ~= 59122) & (tsic\_r ~= 59129) &**

**(tsic\_r ~= 59131) & (tsic\_r ~= 59132) &**

**(tsic\_r ~= 59140) &**

**(tsic\_r ~= 59201) & (tsic\_r ~= 59202) & (tsic\_r ~= 59203) & /\*Category 60\*/**

**(tsic\_r ~= 60101) & (tsic\_r ~= 60102) &**

**(tsic\_r ~= 60201) & (tsic\_r ~= 60202) & (tsic\_r ~= 60203) & /\*Category 61\*/**

**(tsic\_r ~= 61101) & (tsic\_r ~= 61102) & (tsic\_r ~= 61109) &**

**(tsic\_r ~= 61201) & (tsic\_r ~= 61202) & (tsic\_r ~= 61209) &**

**(tsic\_r ~= 61301) & (tsic\_r ~= 61302) &**

**(tsic\_r ~= 61900) & /\*Category 62\*/**

**(tsic\_r ~= 62011) & (tsic\_r ~= 62012) &**

**(tsic\_r ~= 62021) & (tsic\_r ~= 62022) & (tsic\_r ~= 62023) &**

**(tsic\_r ~= 62090) &/\*Category 63\*/**

**(tsic\_r ~= 63111) & (tsic\_r ~= 63112) &**

**(tsic\_r ~= 63120) &**

**(tsic\_r ~= 63911) & (tsic\_r ~= 63912) &**

**(tsic\_r ~= 63990)tsic\_rf=1.**

**EXECUTE .**

**/\*TYPE = 06\*/**

**/\*TYPE = 06, tsic\_r = 68101 - 68202\*/**

**IF(tsic\_r >= 68101) & (tsic\_r <= 68202) & /\*Category 68\*/**

**(tsic\_r ~= 68101) & (tsic\_r ~= 68102) & (tsic\_r ~= 68103) & (tsic\_r ~= 68104) &**

**(tsic\_r ~= 68201) & (tsic\_r ~= 68202)tsic\_rf=1.**

**EXECUTE .**

**/\*TYPE = 07\*/**

**/\*TYPE = 07, tsic\_r = 69100 - 74909\*/**

**IF(tsic\_r >= 69100) & (tsic\_r <= 74909) & /\*Category 69\*/**

**(tsic\_r ~= 69100) & (tsic\_r ~= 69200) & /\*Category 70\*/**

**(tsic\_r ~= 70100) &**

**(tsic\_r ~= 70201) & (tsic\_r ~= 70202) & (tsic\_r ~= 70209) & /\*Category 71\*/**

**(tsic\_r ~= 71101) & (tsic\_r ~= 71102) & (tsic\_r ~= 71103) &**

**(tsic\_r ~= 71201) & (tsic\_r ~= 71202) & (tsic\_r ~= 71209) & /\*Category 72\*/**

**(tsic\_r ~= 72101) & (tsic\_r ~= 72102) & (tsic\_r ~= 72109) &**

**(tsic\_r ~= 72200) & /\*Category 73\*/**

**(tsic\_r ~= 73101) & (tsic\_r ~= 73102) &**

**(tsic\_r ~= 73200) & /\*Category 74\*/**

**(tsic\_r ~= 74101) & (tsic\_r ~= 74109) &**

**(tsic\_r ~= 74200) &**

**(tsic\_r ~= 74901) & (tsic\_r ~= 74902) & (tsic\_r ~= 74909)tsic\_rf=1.**

**EXECUTE .**

**/\*TYPE = 08\*/**

**/\*TYPE = 08, tsic\_r = 77101 - 82990\*/**

**IF(tsic\_r >= 77101) & (tsic\_r <= 82990) & /\*Category 77\*/**

**(tsic\_r ~= 77101) & (tsic\_r ~= 77109) &**

**(tsic\_r ~= 77210) &**

**(tsic\_r ~= 77220) &**

**(tsic\_r ~= 77291) & (tsic\_r ~= 77299) &**

**(tsic\_r ~= 77301) & (tsic\_r ~= 77302) & (tsic\_r ~= 77303) & (tsic\_r ~= 77304) & (tsic\_r ~= 77305) & (tsic\_r ~= 77306) & (tsic\_r ~= 77309) &**

**(tsic\_r ~= 77400) & /\*Category 78\*/**

**(tsic\_r ~= 78101) & (tsic\_r ~= 78109) &**

**(tsic\_r ~= 78200) &**

**(tsic\_r ~= 78300) & /\*Category 79\*/**

**(tsic\_r ~= 79110) &**

**(tsic\_r ~= 79120) &**

**(tsic\_r ~= 79901) &**

**(tsic\_r ~= 79909) &/\*Category 80\*/**

**(tsic\_r ~= 80100) &**

**(tsic\_r ~= 80200) &**

**(tsic\_r ~= 80300) & /\*Category 81\*/**

**(tsic\_r ~= 81100) &**

**(tsic\_r ~= 81210) &**

**(tsic\_r ~= 81291) & (tsic\_r ~= 81292) & (tsic\_r ~= 81293) & (tsic\_r ~= 81299) &**

**(tsic\_r ~= 81300) &/\*Category 82\*/**

**(tsic\_r ~= 82110) &**

**(tsic\_r ~= 82191) & (tsic\_r ~= 82199) &**

**(tsic\_r ~= 82200) &**

**(tsic\_r ~= 82301) & (tsic\_r ~= 82302) &**

**(tsic\_r ~= 82911) & (tsic\_r ~= 82912) &**

**(tsic\_r ~= 82920) &**

**(tsic\_r ~= 82990)tsic\_rf=1.**

**EXECUTE .**

**/\*TYPE = 09\*/**

**/\*TYPE = 09, tsic\_r = 90001 - 93299\*/**

**IF(tsic\_r >= 90001) & (tsic\_r <= 93299) & /\*Category 90\*/**

**(tsic\_r ~= 90001) & (tsic\_r ~= 90002) & /\*Category 91\*/**

**(tsic\_r ~= 91011) & (tsic\_r ~= 91012) &**

**(tsic\_r ~= 91021) & (tsic\_r ~= 91022) &**

**(tsic\_r ~= 91031) & (tsic\_r ~= 91032) &**

**(tsic\_r ~= 92001) & (tsic\_r ~= 92009) & /\*Category 93\*/**

**(tsic\_r ~= 93111) & (tsic\_r ~= 93112) &**

**(tsic\_r ~= 93120) &**

**(tsic\_r ~= 93191) & (tsic\_r ~= 93192) & (tsic\_r ~= 93199) &**

**(tsic\_r ~= 93210) &**

**(tsic\_r ~= 93291) & (tsic\_r ~= 93292) & (tsic\_r ~= 93293) & (tsic\_r ~= 93299)tsic\_rf=1.**

**EXECUTE .**

**/\*TYPE = 10\*/**

**/\*TYPE = 10, tsic\_r = 95110 - 96309\*/**

**IF(tsic\_r >= 95110) & (tsic\_r <= 96309) & /\*Category 95\*/**

**(tsic\_r ~= 95110) &**

**(tsic\_r ~= 95120) &**

**(tsic\_r ~= 95210) &**

**(tsic\_r ~= 95220) &**

**(tsic\_r ~= 95230) &**

**(tsic\_r ~= 95240) &**

**(tsic\_r ~= 95291) & (tsic\_r ~= 95292) & (tsic\_r ~= 95293) & (tsic\_r ~= 95294) & (tsic\_r ~= 95295) & (tsic\_r ~= 95299) &/\*Category 96\*/**

**(tsic\_r ~= 96101) & (tsic\_r ~= 96102) & (tsic\_r ~= 96103) & (tsic\_r ~= 96104) & (tsic\_r ~= 96109) &**

**(tsic\_r ~= 96201) & (tsic\_r ~= 96202) & (tsic\_r ~= 96203) &**

**(tsic\_r ~= 96301) & (tsic\_r ~= 96302) & (tsic\_r ~= 96303) & (tsic\_r ~= 96304) & (tsic\_r ~= 96305) & (tsic\_r ~= 96309)tsic\_rf=1.**

**EXECUTE .**

**/\*TYPE = 11\*/**

**/\*TYPE = 11, tsic\_r = 10111 - 33200\*/**

**IF(tsic\_r >= 10111) & (tsic\_r <= 33200) & /\*Category 10\*/**

**(tsic\_r ~= 10111) & (tsic\_r ~= 10112) &**

**(tsic\_r ~= 10120) &**

**(tsic\_r ~= 10131) & (tsic\_r ~= 10132) & (tsic\_r ~= 10133) & (tsic\_r ~= 10134) & (tsic\_r ~= 10139) &**

**(tsic\_r ~= 10211) & (tsic\_r ~= 10212) &**

**(tsic\_r ~= 10221) & (tsic\_r ~= 10222) &**

**(tsic\_r ~= 10291) & (tsic\_r ~= 10292) & (tsic\_r ~= 10293) & (tsic\_r ~= 10294) & (tsic\_r ~= 10295) & (tsic\_r ~= 10299) &**

**(tsic\_r ~= 10301) & (tsic\_r ~= 10302) & (tsic\_r ~= 10303) & (tsic\_r ~= 10304) & (tsic\_r ~= 10305) & (tsic\_r ~= 10306) & (tsic\_r ~= 10307) & (tsic\_r ~= 10309) &**

**(tsic\_r ~= 10411) & (tsic\_r ~= 10412) & (tsic\_r ~= 10413) & (tsic\_r ~= 10414) & (tsic\_r ~= 10419) &**

**(tsic\_r ~= 10420) &**

**(tsic\_r ~= 10491) & (tsic\_r ~= 10499) &**

**(tsic\_r ~= 10501) & (tsic\_r ~= 10502) & (tsic\_r ~= 10503) & (tsic\_r ~= 10504) & (tsic\_r ~= 10505) & (tsic\_r ~= 10509) &**

**(tsic\_r ~= 10611) & (tsic\_r ~= 10612) & (tsic\_r ~= 10613) & (tsic\_r ~= 10614) & (tsic\_r ~= 10615) & (tsic\_r ~= 10616) & (tsic\_r ~= 10617) & (tsic\_r ~= 10619) &**

**(tsic\_r ~= 10621) & (tsic\_r ~= 10622) & (tsic\_r ~= 10623) & (tsic\_r ~= 10629) &**

**(tsic\_r ~= 10711) & (tsic\_r ~= 10712) & (tsic\_r ~= 10713) &**

**(tsic\_r ~= 10721) & (tsic\_r ~= 10722) & (tsic\_r ~= 10723) &**

**(tsic\_r ~= 10731) & (tsic\_r ~= 10732) & (tsic\_r ~= 10733) & (tsic\_r ~= 10734) & (tsic\_r ~= 10739) &**

**(tsic\_r ~= 10741) & (tsic\_r ~= 10742) & (tsic\_r ~= 10743) & (tsic\_r ~= 10749) &**

**(tsic\_r ~= 10751) & (tsic\_r ~= 10752) &**

**(tsic\_r ~= 10761) & (tsic\_r ~= 10762) & (tsic\_r ~= 10769) &**

**(tsic\_r ~= 10771) & (tsic\_r ~= 10772) & (tsic\_r ~= 10773) & (tsic\_r ~= 10774) & (tsic\_r ~= 10775) & (tsic\_r ~= 10779) &**

**(tsic\_r ~= 10791) & (tsic\_r ~= 10792) & (tsic\_r ~= 10793) & (tsic\_r ~= 10794) & (tsic\_r ~= 10795) & (tsic\_r ~= 10796) & (tsic\_r ~= 10799) &**

**(tsic\_r ~= 10801) & (tsic\_r ~= 10802) &/\*Category 11\*/**

**(tsic\_r ~= 11011) & (tsic\_r ~= 11012) &**

**(tsic\_r ~= 11021) & (tsic\_r ~= 11022) & (tsic\_r ~= 11029) &**

**(tsic\_r ~= 11030) &**

**(tsic\_r ~= 11041) & (tsic\_r ~= 11042) & (tsic\_r ~= 11043) & (tsic\_r ~= 11044) & (tsic\_r ~= 11049) & /\*Category 12\*/**

**(tsic\_r ~= 12001) & (tsic\_r ~= 12002) & (tsic\_r ~= 12009) & /\*Category 13\*/**

**(tsic\_r ~= 13111) & (tsic\_r ~= 13112) & (tsic\_r ~= 13113) &**

**(tsic\_r ~= 13121) & (tsic\_r ~= 13122) & (tsic\_r ~= 13129) &**

**(tsic\_r ~= 13131) & (tsic\_r ~= 13132) & (tsic\_r ~= 13139) &**

**(tsic\_r ~= 13910) &**

**(tsic\_r ~= 13921) & (tsic\_r ~= 13922) & (tsic\_r ~= 13929) &**

**(tsic\_r ~= 13930) &**

**(tsic\_r ~= 13940) &**

**(tsic\_r ~= 13991) & (tsic\_r ~= 13992) & (tsic\_r ~= 13999) &/\*Category 14\*/**

**(tsic\_r ~= 14111) & (tsic\_r ~= 14112) & (tsic\_r ~= 14113) & (tsic\_r ~= 14114) & (tsic\_r ~= 14115) & (tsic\_r ~= 14116) &**

**(tsic\_r ~= 14120) &**

**(tsic\_r ~= 14131) & (tsic\_r ~= 14139) &**

**(tsic\_r ~= 14200) &**

**(tsic\_r ~= 14301) & (tsic\_r ~= 14302) &/\*Category 15\*/**

**(tsic\_r ~= 15110) &**

**(tsic\_r ~= 15121) & (tsic\_r ~= 15122) & (tsic\_r ~= 15129) &**

**(tsic\_r ~= 15201) & (tsic\_r ~= 15202) & (tsic\_r ~= 15203) & (tsic\_r ~= 15204) & (tsic\_r ~= 15209) & /\*Category 16\*/**

**(tsic\_r ~= 16101) & (tsic\_r ~= 16102) &**

**(tsic\_r ~= 16210) &**

**(tsic\_r ~= 16220) &**

**(tsic\_r ~= 16230) &**

**(tsic\_r ~= 16291) & (tsic\_r ~= 16292) & (tsic\_r ~= 16299) &/\*Category 17\*/**

**(tsic\_r ~= 17011) & (tsic\_r ~= 17012) &**

**(tsic\_r ~= 17020) &**

**(tsic\_r ~= 17091) & (tsic\_r ~= 17092) & (tsic\_r ~= 17099) &/\*Category 18\*/**

**(tsic\_r ~= 18111) & (tsic\_r ~= 18112) & (tsic\_r ~= 18119) &**

**(tsic\_r ~= 18121) & (tsic\_r ~= 18122) &**

**(tsic\_r ~= 18200) &/\*Category 19\*/**

**(tsic\_r ~= 19100) &**

**(tsic\_r ~= 19201) & (tsic\_r ~= 19202) & (tsic\_r ~= 19209) &/\*Category 20\*/**

**(tsic\_r ~= 20111) & (tsic\_r ~= 20112) & (tsic\_r ~= 20113) & (tsic\_r ~= 20114) & (tsic\_r ~= 20115) &**

**(tsic\_r ~= 20121) & (tsic\_r ~= 20122) &**

**(tsic\_r ~= 20131) & (tsic\_r ~= 20132) &**

**(tsic\_r ~= 20210) &**

**(tsic\_r ~= 20221) & (tsic\_r ~= 20222) &**

**(tsic\_r ~= 20231) & (tsic\_r ~= 20232) &**

**(tsic\_r ~= 20291) & (tsic\_r ~= 20292) & (tsic\_r ~= 20293) & (tsic\_r ~= 20294) & (tsic\_r ~= 20299) &**

**(tsic\_r ~= 20300) &/\*Category 21\*/**

**(tsic\_r ~= 21001) & (tsic\_r ~= 21002) &/\*Category 22\*/**

**(tsic\_r ~= 22111) & (tsic\_r ~= 22112) &**

**(tsic\_r ~= 22191) & (tsic\_r ~= 22192) & (tsic\_r ~= 22193) & (tsic\_r ~= 22199) &**

**(tsic\_r ~= 22210) & (tsic\_r ~= 22220) & (tsic\_r ~= 22230) &**

**(tsic\_r ~= 22291) & (tsic\_r ~= 22292) & (tsic\_r ~= 22299) &/\*Category 23\*/**

**(tsic\_r ~= 23101) & (tsic\_r ~= 23102) & (tsic\_r ~= 23103) & (tsic\_r ~= 23109) &**

**(tsic\_r ~= 23910) &**

**(tsic\_r ~= 23921) & (tsic\_r ~= 23922) & (tsic\_r ~= 23923) & (tsic\_r ~= 23929) &**

**(tsic\_r ~= 23931) & (tsic\_r ~= 23932) & (tsic\_r ~= 23933) & (tsic\_r ~= 23939) &**

**(tsic\_r ~= 23941) & (tsic\_r ~= 23942) &**

**(tsic\_r ~= 23951) & (tsic\_r ~= 23952) & (tsic\_r ~= 23953) & (tsic\_r ~= 23954) & (tsic\_r ~= 23959) &**

**(tsic\_r ~= 23961) & (tsic\_r ~= 23969) &**

**(tsic\_r ~= 23991) & (tsic\_r ~= 23992) & (tsic\_r ~= 23999) & /\*Category 24\*/**

**(tsic\_r ~= 24101) & (tsic\_r ~= 24102) & (tsic\_r ~= 24103) & (tsic\_r ~= 24109) &**

**(tsic\_r ~= 24201) & (tsic\_r ~= 24202) & (tsic\_r ~= 24203) & (tsic\_r ~= 24204) & (tsic\_r ~= 24209) &**

**(tsic\_r ~= 24311) & (tsic\_r ~= 24312) &**

**(tsic\_r ~= 24320) & /\*Category 25\*/**

**(tsic\_r ~= 25111) & (tsic\_r ~= 25112) & (tsic\_r ~= 25113) & (tsic\_r ~= 25119) &**

**(tsic\_r ~= 25121) & (tsic\_r ~= 25122) & (tsic\_r ~= 25129) &**

**(tsic\_r ~= 25130) &**

**(tsic\_r ~= 25201) & (tsic\_r ~= 25209) &**

**(tsic\_r ~= 25910) &**

**(tsic\_r ~= 25921) & (tsic\_r ~= 25922) &**

**(tsic\_r ~= 25931) & (tsic\_r ~= 25932) & (tsic\_r ~= 25939) &**

**(tsic\_r ~= 25941) & (tsic\_r ~= 25949) &**

**(tsic\_r ~= 25951) & (tsic\_r ~= 25952) &**

**(tsic\_r ~= 25991) & (tsic\_r ~= 25992) & (tsic\_r ~= 25993) & (tsic\_r ~= 25999) &/\*Category 26\*/**

**(tsic\_r ~= 26101) & (tsic\_r ~= 26102) & (tsic\_r ~= 26103) & (tsic\_r ~= 26104) & (tsic\_r ~= 26109) &**

**(tsic\_r ~= 26201) & (tsic\_r ~= 26202) & (tsic\_r ~= 26203) & (tsic\_r ~= 26209) &**

**(tsic\_r ~= 26301) & (tsic\_r ~= 26302) & (tsic\_r ~= 26303) & (tsic\_r ~= 26309) &**

**(tsic\_r ~= 26401) & (tsic\_r ~= 26402) & (tsic\_r ~= 26403) & (tsic\_r ~= 26409) &**

**(tsic\_r ~= 26511) & (tsic\_r ~= 26512) &**

**(tsic\_r ~= 26521) & (tsic\_r ~= 26529) &**

**(tsic\_r ~= 26600) &**

**(tsic\_r ~= 26701) & (tsic\_r ~= 26702) & (tsic\_r ~= 26703) &**

**(tsic\_r ~= 26800) & /\*Category 27\*/**

**(tsic\_r ~= 27101) & (tsic\_r ~= 27102) & (tsic\_r ~= 27103) &**

**(tsic\_r ~= 27200) &**

**(tsic\_r ~= 27310) & (tsic\_r ~= 27320) & (tsic\_r ~= 27330) &**

**(tsic\_r ~= 27401) & (tsic\_r ~= 27409) &**

**(tsic\_r ~= 27501) & (tsic\_r ~= 27502) & (tsic\_r ~= 27503) &**

**(tsic\_r ~= 27901) & (tsic\_r ~= 27902) & (tsic\_r ~= 27909) & /\*Category 28\*/**

**(tsic\_r ~= 28110) &**

**(tsic\_r ~= 28120) &**

**(tsic\_r ~= 28131) & (tsic\_r ~= 28132) &**

**(tsic\_r ~= 28140) &**

**(tsic\_r ~= 28150) &**

**(tsic\_r ~= 28160) &**

**(tsic\_r ~= 28170) &**

**(tsic\_r ~= 28180) &**

**(tsic\_r ~= 28191) & (tsic\_r ~= 28199) &**

**(tsic\_r ~= 28211) & (tsic\_r ~= 28219) &**

**(tsic\_r ~= 28221) & (tsic\_r ~= 28229) &**

**(tsic\_r ~= 28230) &**

**(tsic\_r ~= 28240) &**

**(tsic\_r ~= 28250) &**

**(tsic\_r ~= 28261) & (tsic\_r ~= 28269) &**

**(tsic\_r ~= 28291) &**

**(tsic\_r ~= 28292) & (tsic\_r ~= 28299) & /\*Category 29\*/**

**(tsic\_r ~= 29101) & (tsic\_r ~= 29102) & (tsic\_r ~= 29103) & (tsic\_r ~= 29104) & (tsic\_r ~= 29109) &**

**(tsic\_r ~= 29201) & (tsic\_r ~= 29202) & (tsic\_r ~= 29203) &**

**(tsic\_r ~= 29301) & (tsic\_r ~= 29302) & (tsic\_r ~= 29309) &/\*Category 30\*/**

**(tsic\_r ~= 30110) &**

**(tsic\_r ~= 30120) &**

**(tsic\_r ~= 30200) &**

**(tsic\_r ~= 30300) &**

**(tsic\_r ~= 30400) &**

**(tsic\_r ~= 30911) & (tsic\_r ~= 30912) &**

**(tsic\_r ~= 30921) & (tsic\_r ~= 30922) &**

**(tsic\_r ~= 30990) & /\*Category 31\*/**

**(tsic\_r ~= 31001) & (tsic\_r ~= 31002) & (tsic\_r ~= 31003) & (tsic\_r ~= 31009) & /\*Category 32\*/**

**(tsic\_r ~= 32111) & (tsic\_r ~= 32112) & (tsic\_r ~= 32113) &**

**(tsic\_r ~= 32120) &**

**(tsic\_r ~= 32201) & (tsic\_r ~= 32209) &**

**(tsic\_r ~= 32301) & (tsic\_r ~= 32302) & (tsic\_r ~= 32303) & (tsic\_r ~= 32309) &**

**(tsic\_r ~= 32401) & (tsic\_r ~= 32402) & (tsic\_r ~= 32409) &**

**(tsic\_r ~= 32501) & (tsic\_r ~= 32502) &**

**(tsic\_r ~= 32901) & (tsic\_r ~= 32902) & (tsic\_r ~= 32903) & (tsic\_r ~= 32904) & (tsic\_r ~= 32909) & /\*Category 33\*/**

**(tsic\_r ~= 33110) &**

**(tsic\_r ~= 33121) & (tsic\_r ~= 33122) &**

**(tsic\_r ~= 33131) & (tsic\_r ~= 33132) & (tsic\_r ~= 33133) &**

**(tsic\_r ~= 33141) & (tsic\_r ~= 33142) & (tsic\_r ~= 33149) &**

**(tsic\_r ~= 33151) & (tsic\_r ~= 33152) & (tsic\_r ~= 33159) &**

**(tsic\_r ~= 33190) &**

**(tsic\_r ~= 33200)tsic\_rf=1.**

**EXECUTE .**

**/\*TYPE = 12\*/**

**/\*TYPE = 12, tsic\_r = 37000 - 39000\*/**

**IF(tsic\_r >= 37000) & (tsic\_r <= 39000) & /\*Category 37\*/**

**(tsic\_r ~= 37000) & /\*Category 38\*/**

**(tsic\_r ~= 38110) & (tsic\_r ~= 38120) &**

**(tsic\_r ~= 38211) & (tsic\_r ~= 38212) & (tsic\_r ~= 38213) & (tsic\_r ~= 38219) &**

**(tsic\_r ~= 38221) & (tsic\_r ~= 38222) & (tsic\_r ~= 38300) &**

**(tsic\_r ~= 39000)tsic\_rf=1.**

**EXECUTE .**

**/\*TYPE = 13\*/**

**/\*TYPE = 13, tsic\_r = 41001 - 43909\*/**

**IF(tsic\_r >= 41001) & (tsic\_r <= 43909) & /\*Category 41\*/**

**(tsic\_r ~= 41001) & (tsic\_r ~= 41002) &/\*Category 42\*/**

**(tsic\_r ~= 42101) & (tsic\_r ~= 42102) &**

**(tsic\_r ~= 42201) & (tsic\_r ~= 42202) &**

**(tsic\_r ~= 42901) & (tsic\_r ~= 42909) &/\*Category 43\*/**

**(tsic\_r ~= 43110) &**

**(tsic\_r ~= 43120) &**

**(tsic\_r ~= 43210) &**

**(tsic\_r ~= 43221) & (tsic\_r ~= 43222) & (tsic\_r ~= 43223) &**

**(tsic\_r ~= 43291) & (tsic\_r ~= 43299) &**

**(tsic\_r ~= 43301) & (tsic\_r ~= 43302) & (tsic\_r ~= 43303) & (tsic\_r ~= 43309) &**

**(tsic\_r ~= 43901) & (tsic\_r ~= 43909)tsic\_rf=1.**

**EXECUTE .**

**/\*TYPE = 14\*/**

**/\*TYPE = 14, tsic\_r = 49110 - 52299\*/**

**IF(tsic\_r >= 49110) & (tsic\_r <= 52299) & /\*Category 49\*/**

**(tsic\_r ~= 49201) & (tsic\_r ~= 49202) & (tsic\_r ~= 49203) & (tsic\_r ~= 49204) & (tsic\_r ~= 49209) &**

**(tsic\_r ~= 49310) &**

**(tsic\_r ~= 49329) &**

**(tsic\_r ~= 49331) & (tsic\_r ~= 49332) & (tsic\_r ~= 49333) & (tsic\_r ~= 49334) & (tsic\_r ~= 49339) & /\*Category 52\*/**

**(tsic\_r ~= 52101) & (tsic\_r ~= 52102) & (tsic\_r ~= 52109) &**

**(tsic\_r ~= 52291) tsic\_rf=1.**

**EXECUTE .**

**/\*TYPE = 15\*/**

**/\*TYPE = 15, tsic\_r = 86101 - 86102\*/**

**IF(tsic\_r >= 86101) & (tsic\_r <= 86102) & /\*Category 86\*/**

**(tsic\_r ~= 86101) & (tsic\_r ~= 86102)tsic\_rf=1.**

**EXECUTE .**

**IF((tsic\_r >= 10803) & (tsic\_r <= 11010))|((tsic\_r >= 11050) & (tsic\_r <= 12000))|((tsic\_r >= 12010) & (tsic\_r <= 13110))|**

**((tsic\_r >= 14000) & (tsic\_r <= 14101))|((tsic\_r >= 14303) & (tsic\_r <= 15109))|((tsic\_r >= 15210) & (tsic\_r <= 16100))|**

**((tsic\_r >= 16300) & (tsic\_r <= 17010))|((tsic\_r >= 17100) & (tsic\_r <= 18110))|((tsic\_r >= 18201) & (tsic\_r <= 19099))|**

**((tsic\_r >= 19210) & (tsic\_r <= 20110))|((tsic\_r >= 20301) & (tsic\_r <= 21000))|((tsic\_r >= 21003) & (tsic\_r <= 22110))|**

**((tsic\_r >= 22300) & (tsic\_r <= 23100))|((tsic\_r >= 24000) & (tsic\_r <= 24100))|((tsic\_r >= 24321) & (tsic\_r <= 25110))|**

**((tsic\_r >= 26000) & (tsic\_r <= 26100))|((tsic\_r >= 26801) & (tsic\_r <= 27100))|((tsic\_r >= 27910) & (tsic\_r <= 28109))|**

**((tsic\_r >= 28300) & (tsic\_r <= 29100))|((tsic\_r >= 29310) & (tsic\_r <= 30109))|((tsic\_r >= 30991) & (tsic\_r <= 31000))|**

**((tsic\_r >= 31010) & (tsic\_r <= 32110))|((tsic\_r >= 32910) & (tsic\_r <= 33109))|((tsic\_r >= 33201) & (tsic\_r <= 36999))|**

**((tsic\_r >= 37001) & (tsic\_r <= 38109))|((tsic\_r >= 38301) & (tsic\_r <= 38999))|((tsic\_r >= 39001) & (tsic\_r <= 41000))|**

**((tsic\_r >= 41003) & (tsic\_r <= 42100))|((tsic\_r >= 42910) & (tsic\_r <= 43109))|((tsic\_r >= 43910) & (tsic\_r <= 45100))|**

**((tsic\_r >= 45406) & (tsic\_r <= 46100))|((tsic\_r >= 46901) & (tsic\_r <= 47110))|((tsic\_r >= 48000) & (tsic\_r <= 49109))|**

**((tsic\_r >= 49399) & (tsic\_r <= 52100))|((tsic\_r >= 52300) & (tsic\_r <= 55100))|((tsic\_r >= 55910) & (tsic\_r <= 56100))|**

**((tsic\_r >= 56305) & (tsic\_r <= 58110))|((tsic\_r >= 58204) & (tsic\_r <= 59110))|((tsic\_r >= 59204) & (tsic\_r <= 60100))|**

**((tsic\_r >= 60204) & (tsic\_r <= 61100))|((tsic\_r >= 61901) & (tsic\_r <= 62010))|((tsic\_r >= 62091) & (tsic\_r <= 63110))|**

**((tsic\_r >= 63991) & (tsic\_r <= 68100))|((tsic\_r >= 68203) & (tsic\_r <= 69099))|((tsic\_r >= 69201) & (tsic\_r <= 70099))|**

**((tsic\_r >= 70210) & (tsic\_r <= 71100))|((tsic\_r >= 68203) & (tsic\_r <= 69099))|((tsic\_r >= 69201) & (tsic\_r <= 70099))|**

**((tsic\_r >= 71210) & (tsic\_r <= 72100))|((tsic\_r >= 72201) & (tsic\_r <= 73100))|((tsic\_r >= 73201) & (tsic\_r <= 74100))|**

**((tsic\_r >= 74910) & (tsic\_r <= 77100))|((tsic\_r >= 77401) & (tsic\_r <= 78100))|((tsic\_r >= 78301) & (tsic\_r <= 79109))|**

**((tsic\_r >= 79910) & (tsic\_r <= 80099))|((tsic\_r >= 80301) & (tsic\_r <= 81099))|((tsic\_r >= 81301) & (tsic\_r <= 82109))|**

**((tsic\_r >= 82991) & (tsic\_r <= 86100))|((tsic\_r >= 86103) & (tsic\_r <= 90000))|((tsic\_r >= 90003) & (tsic\_r <= 91010))|**

**((tsic\_r >= 91033) & (tsic\_r <= 92000))|((tsic\_r >= 92010) & (tsic\_r <= 93110))|((tsic\_r >= 93300) & (tsic\_r <= 95109))|**

**((tsic\_r >= 95300) & (tsic\_r <= 96100))|((tsic\_r >= 96310) & (tsic\_r <= 99999))|((tsic\_r >= 00000) & (tsic\_r <= 10110))tsic\_rf=1.**

**EXECUTE .**

**SORT CASES BY**

**tsic\_rf (D) .**