Appendix H

Principal Components Analysis Results

Principal Components Analysis

Principal components/correlation Number of obs = 104

Number of comp. = 6

Trace = 36

Rotation: orthogonal varimax (Kaiser off) Rho = 0.6715

--------------------------------------------------------------------------

Component | Variance Difference Proportion Cumulative

-------------+------------------------------------------------------------

Comp1 | 8.12719 4.27986 0.2258 0.2258

Comp2 | 3.84733 .059435 0.1069 0.3326

Comp3 | 3.7879 .53872 0.1052 0.4378

Comp4 | 3.24918 .1653 0.0903 0.5281

Comp5 | 3.08388 1.00363 0.0857 0.6138

Comp6 | 2.08025 . 0.0578 0.6715

--------------------------------------------------------------------------

Rotated components (blanks are abs(loading)<.25)

--------------------------------------------------------------------------

Variable | Comp1 Comp2 Comp3 Comp4 Comp5 Comp6

-------------+------------------------------------------------------------

num\_aPurpose |

num\_bBenef~s | 0.3524

num\_cFinan~s | 0.5022

num\_dNegat~s | 0.3866

num\_aInfor~d | 0.3250

num\_bCould~e | 0.3289

num\_cWhen\_~e | 0.3243

num\_dRefle~t | 0.2702

num\_eCl~sons |

num\_fRange | 0.2729

num\_aClear~e |

num\_bClear~d |

num\_cProgr~s | 0.2742

num\_dWilling |

num\_eCl~ions | 0.3085

num\_fIncre~t | 0.3321

num\_gSuffi~o |

num\_hUnder~e | 0.2852

num\_aInput | 0.4931

num\_bNotif~n | 0.3012

num\_cIn\_Ad~e | 0.3695

num\_dUnder~d | 0.4977

num\_eAsk | 0.2944

num\_aEncou~d | 0.3821

num\_bInter~g | 0.3258

num\_cInfor~e | 0.2780

num\_aActiv~s | 0.4014

num\_bLimit~h | 0.4342

num\_cMater~s | 0.2921

num\_dTrans~e | 0.4090

num\_eCommu~s | 0.2889

num\_aDisab~s | -0.4125 0.3363

num\_bDiffe~s | 0.4504

num\_cFamil~s | 0.4449

num\_dNot\_I~n | 0.5911

num\_eTimely | 0.3199

--------------------------------------------------------------------------

Original

Principal components/correlation Number of obs = 104

Number of comp. = 6

Trace = 37

Rotation: orthogonal varimax (Kaiser off) Rho = 0.6682

--------------------------------------------------------------------------

Component | Variance Difference Proportion Cumulative

-------------+------------------------------------------------------------

Comp1 | 8.26895 4.14067 0.2235 0.2235

Comp2 | 4.12829 .458446 0.1116 0.3351

Comp3 | 3.66984 .316901 0.0992 0.4342

Comp4 | 3.35294 .0191619 0.0906 0.5249

Comp5 | 3.33378 1.36452 0.0901 0.6150

Comp6 | 1.96926 . 0.0532 0.6682

--------------------------------------------------------------------------

Rotated components (blanks are abs(loading)<.25)

--------------------------------------------------------------------------

Variable | Comp1 Comp2 Comp3 Comp4 Comp5 Comp6

-------------+------------------------------------------------------------

num\_aPurpose |

num\_bBenef~s | 0.3315

num\_cFinan~s | 0.4033

num\_dNegat~s | 0.4294

num\_aInfor~d | 0.3252

num\_bCould~e | 0.2965

num\_cWhen\_~e | 0.3170

num\_dRefle~t |

num\_eCl~sons |

num\_fRange | 0.2678

num\_aClear~e | 0.2621

num\_bClear~d | 0.2986

num\_cProgr~s | 0.3023

num\_dWilling |

num\_eCl~ions | 0.2763

num\_fIncre~t | 0.3184

num\_gSuffi~o | 0.2891

num\_hUnder~e |

num\_aInput | 0.4605

num\_bNotif~n | 0.3570

num\_cIn\_Ad~e | 0.3305

num\_dUnder~d | 0.4366

num\_eAsk | 0.2713

num\_aEncou~d | 0.3415

num\_bInter~g | 0.2967

num\_cInfor~e | 0.2815

num\_aActiv~s | 0.4100

num\_bLimit~h | 0.4544

num\_cMater~s | 0.2596

num\_dTrans~e | 0.4541

num\_eCommu~s | 0.5556

num\_aDisab~s | 0.5200

num\_bDiffe~s | 0.3375

num\_cFamil~s | 0.4580

num\_dNot\_I~n | 0.2822 0.3685

num\_eTimely | 0.4197

num\_Satisf~d |

--------------------------------------------------------------------------