

## Supporting Text S2

### Strings encoding RDS data.

Uniform recruitment strings (no assortment of respondents into visible groups):

1. (.)
2. (.)
3. (.(.(.(.(.(.(:::))::).(:(.(:))..)).).(.(.(.(.(.(:::)).):(:(.(:):)))).(.(.(.(.((:)))).(::)).(:.((:).):).(:(.(:):).(:(.(:):).(:(:)))).))
4. (.)
5. (.(...(.)))
6. (.(...(.(:).)).(.(.)))
7. (.(...(.(:).(:).)))
8. (.(...(.(:))).).(.(.(.((:).(:).)).))
9. (.)
10. (.(.(.(.)).).(.(.((:)).(:)).(...(:))).(::).(...:))
11. (.)
12. (.)
13. (.(...(.(:)).(...).(:.(::)).(::)).).(.(.(.)).).(:(:).(:.(:).(:)))
14. (.(...(:)).(...).(:))
15. (.(...(.(:).(:.(:))).).(.(.)))

Annotated by location (A = SVM, B = CM):

1. (B)
2. (B)
3. (A(A(B(BB(A(A(B(bbb)ba)A(b)B(a))BA)B)B(B(BB(B(B(bbb)B)B(aA(Ab)b)))B(B(B(B(B(b))B(bb)B)B(bB(b)A)b)B(b))B(BB(B(bb)B(bB(bb)A(ab))B(bbb))))B))
4. (B)
5. (B(BBB(B)))
6. (B(AB(BB(A(bb)A))B(B)))
7. (B(BBB(BB(B(bbb)B(bbb)B))))
8. (B(B(BBB(B(B(b))))B(A(B(BA(b)B(B))B)B)B))

9. (B)
10. (B(B(B(BB)B(A(B(B(b))B(b))B(BB(bb)))B(bb))B(BBb)B))
11. (B)
12. (A)
13. (A(AA(B(B(b))B(BA)B(aB(bbb)B(aba)))B(B(AB(AB)B)B(B(bbb)B(b)B(bb)B)))
14. (B(B(BBB(bba))B(BBB)B(b)))
15. (B(B(B(B(bbb)B(B(bbb)))B)B(b)B))

Annotated by syphilis serostatus (A = seropositive, B = seronegative):

1. (B)
2. (B)
3. (A(A(B(BB(A(A(B(bbb)ba)A(b)B(a)BA)B)B(B(BB(B(B(bbb)B)B(aA(AB)b)))B(B(B(B(b))B(bb)B)B(bB(b)A)b)B(b))B(BB(B(bb)B(bB(bb)A(ab))B(bbb)))B))
4. (B)
5. (B(BBB(B)))
6. (B(AB(BB(A(bb)A))B(B)))
7. (B(BBB(BB(B(bbb)B(bbb)B)))
8. (B(B(BBB(B(B(b))B(A(B(BA(b)B(B))B)B)B))
9. (B)
10. (B(B(B(BB)B(A(B(B(b))B(b))B(BB(bb)))B(bb))B(BBb)B))
11. (B)
12. (A)
13. (A(AA(B(B(b))B(BA)B(aB(bbb)B(aba)))B(B(AB(AB)B)B(B(bbb)B(b)B(bb)B)))
14. (B(B(BBB(bba))B(BBB)B(b)))
15. (B(B(B(B(bbb)B(B(bbb)))B)B(b)B))

Annotated by reporting drug-use at home in the past 6 months (A = yes, B = no):

1. (B)
2. (B)

3. (B(B(B(BB(B(B(B(aaa)ba)B(b)B(b))BA)A)B(A(BB(B(B(aab)A)A(bB(Ab)a)))B(B(B(B(A(a)))B(ab)B)B(bA(b)A)b)A(a))B(BB(A(aa)A(bB(ba)B(bb))B(bbb)))B))
4. (A)
5. (B(BBB(B)))
6. (B(BB(BB(B(aa)A))B(B)))
7. (B(BBB(BB(A(bba)B(abb)B))))
8. (B(B(BBA(A(B(a))))A(B(B(BB(b)B(B))A)B)B))
9. (A)
10. (B(A(B(AB)B(B(B(A(a))A(b))B(BA(aa)))A(aa))B(AAb)B))
11. (B)
12. (B)
13. (A(AA(B(B(a))B(BB)A(aA(aaa)B(bbb)))A(A(AB(AaB))B(B(bb)B(b)B(ab))A)))
14. (A(B(ABB(aab))B(AAA)A(b)))
15. (B(B(B(B(bbb)B(B(bba)))B)B(b)B))

Annotated by 'drug-dealer' status (A = dealer, B = non-dealer):

1. (B)
2. (B)
3. (B(A(B(BB(B(B(B(bbb)bb)B(b)A(b))BA)B)B(B(BB(B(B(bab)B)B(bA(Bb)b)))B(B(B(B(B(b)))B(bb)B)B(aB(b)B)b)B(b))B(BB(A(ba)B(bB(bb)A(ba))B(bbb)))B))
4. (B)
5. (B(BBB(B)))
6. (A(BB(AB(A(ba)B))B(B)))
7. (B(BBB(BB(B(bbb)B(bbb)B))))
8. (B(B(BBB(B(B(b)))B(B(B(BB(b)A(B))B)B)B))
9. (B)
10. (B(B(B(BB)A(B(B(B(b))B(b))B(BB(bb)))B(bb))B(ABb)B))
11. (B)
12. (B)

13. (B(BB(B(B(b))B(BB)B(bB(bbb)B(bbb)))B(B(BA(BbB))B(B(bbb)B(b)B(bb)B)))
14. (B(B(BBB(bbb))B(ABB)B(b)))
15. (B(B(A(B(bba)B(A(bba)))A)B(b)A))

Annotated by reporting methamphetamine use (A = yes, B = no):

1. (A)
2. (A)
3. (A(A(B(AA(A(A(A(aab)ba)A(a)A(a))AA)A)A(B(AA(B(A(aaa)A)A(bB(Aa)a)))A(A(A(B(A(a)))A(bb)A)A(aB(b)A)a)B(b))A(BA(A(aa)A(bB(aa)A(aa))A(bab)))A))
4. (A)
5. (A(AAA(A)))
6. (A(AA(BA(A(bb)A))A(B)))
7. (A(AAA(AA(B(aaa)A(aaa)A))))
8. (B(A(AAA(A(A(a))))A(A(A(BA(a)A(B))A)A))
9. (A)
10. (A(A(A(AA)A(B(A(A(a))A(a))A(AA(aa)))A(aa))A(BAa)A))
11. (A)
12. (A)
13. (A(AA(A(A(a))A(BB)A(aB(aaa)A(bab)))A(A(AA(AaB))A(B(aaa)A(a)A(bb)A)))
14. (A(A(ABA(baa))A(BAA)A(a)))
15. (B(A(B(A(aaa)A(A(aab)))A)B(a)A))