

# Chapter 11 homework solutions

1) one shot plurality  $E > A > C > B > D$

2) pairwise  $A:B$  3:6       $A=0$       one shot pairwise  
 $A:C$  3:6       $B=1$        $C > B > A$   
 $B:C$  3:6       $C=2$

4a) one-shot plurality  $C > E \sim A > B > D$

7) Borda  $A = 4 + 4 + 9 = 17$   
 $B = 2 + 6 + 12 = 20$   
 $C = 3 + 8 + 6 = 17$   
 $\frac{54}{3} = 18 \checkmark$

one shot Borda  
 $B > A \sim C$

example 11.2) elim E then elim C

now p.s. looks like:

5	3	8	5	2	7	5
A	A	B	A	B	D	D

elim B

$A:D$  21:14  $w=A$

one shot elimination  $A > D > B > C > E$