

	Daily Schedule	
Monday		
8:30-10	Introductions; Overview of System Genetics	1-50
10:30-12	QTL Model Selection	51-100
1:30-3	Gene Mapping for Multiple Correlated Traits	101-150
3:30-5	Hands On Lab: R/qtl	151-200
Tuesday	•	
8:30-10	Permutation Tests for Correlated Traits	201-250
10:30-12	Scanning the Genome for Causal Architecture	251-300
1:30-3	Causal Phenotype Models Driven by QTL	301-350
3:30-5	Hands On Lab: R/qtlhot, R/qtlnet	351-400
Wednesda	IV I	
8:30-10	Incorporating Biological Knowledge	401-450
10:30-12	Platforms for eQTL Analysis	451-500















































































com	comparing models					
 balance model fit against model complexity – want to fit data well (maximum likelihood) – without getting too complicated a model 						
	smaller model	bigger model				
fit model	miss key features	fits better				
estimate phenotype	may be biased	no bias				
predict new data	may be biased	no bias				
interpret model	easier	more complicated				
estimate effects	low variance	high variance				
SysGen: Overview	Seattle SISG: Yandell © 2012	42				



