		Workshop on Genetic Stu	dies in the Pakistani Population	n 5-9 July 2010 Newca	stle	
	Monday	Tuesday	Wednesday	Thursday	Friday	
09.15	05/07/2010 Welcome and	06/07/2010 Calculating LOD scores	07/07/2010 Guest lecture (MA)	08/07/2010 Guest lecture (SK)	09/07/2010 Family-based	09:15
00.10	Introduction (HJC/FQ)	(FQ)	Practical issues and	Using GWAS data to	association (HJC)	00.10
09:30	Introductory		experiences in	identify population		09:30
40.00	Genetics (HJC)		collecting families for	substructure and		10.00
10:00			genetic studies in Pakistan	population outliers		10:00
10:30	Tea/Coffee	Tea/Coffee	Tea/Coffee	Tea/Coffee	Tea/Coffee	10:30
11:00	Introductory	Guest lecture (JV)	Linkage versus	Computer practical:	Computer practical:	11:00
	Statistics (FQ)	Mapping genes for mental	association/ introduction	MDS in Plink/R	QC and family-	
11:30		retardation and autism in Pakistani families	to association (HJC)		based association	11:30
12:00	Participant talks:	Participant talks:	Participant talks:	Participant talks:		12:00
	Dilawar Abbas	Hasan Khan	Sajid Malik	Nabi Shah	Group discussion	
12:30	Uzma Badar Svad Zaigham laitdar	Obaid Khan Khalid Mahmood	Pushpa Vali Ram Asif Rasheed	Rizwan Taj Rehan Uddin	and formal close	12:30
13:00	Syed Zaigham lqitdar Lunch		Lunch	Lunch	of meeting Lunch	13:00
10100					Lanon	10.00
13.45	Introduction to	Non-parametric linkage	Case/control association	Guest lecture (AB)	Free time/	13.45
	linkage analysis	analysis and special	and GWAS (HJC)	Findings from the	collaborative	
	(HJC)	issues for linkage	Computer practical:	IBC-50K consortium	discussions	14:30
14.45	File formats for	mapping in the Pakistani population (HJC)	Computer practical: case/con analysis in Plink	Group discussion		14:30
	linkage analysis (HJC)					
15.15	Tea/Coffee	Tea/Coffee	Tea/Coffee	Tea/Coffee	Tea/Coffee	15.15
15:45	Computer Practical:	Computer Practical:	Guest lecture (DS)	Advanced topics?	Free time/	15:45
15:45	Introduction to	parametric and	Findings from GWAS in	Advanced topics? Beyond GWAS?	collaborative	
	Introduction to File formats	parametric and non-parametric linkage	Findings from GWAS in PROMIS (Pakistan Risk of	Beyond GWAS?		15:45
16:30	Introduction to File formats	parametric and	Findings from GWAS in		collaborative	15:45 16:30
	Introduction to File formats	parametric and non-parametric linkage	Findings from GWAS in PROMIS (Pakistan Risk of	Beyond GWAS? Affymetrix	collaborative	15:45
16:30	Introduction to File formats	parametric and non-parametric linkage	Findings from GWAS in PROMIS (Pakistan Risk of	Beyond GWAS? Affymetrix	collaborative	15:45 16:30
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16:30 17:00 17:30 18:00 18:30 19:00	Introduction to File formats Dinner (Meet 7pm in Hotel	parametric and non-parametric linkage analysis Dinner (Meet 7pm in Hotel	Findings from GWAS in PROMIS (Pakistan Risk of Myocardial infarction Study) Dinner (Meet 7pm in Hotel	Beyond GWAS? Affymetrix presentation?	collaborative discussions Dinner (Meet 7pm in Hotel	15:45 16:30 17:00 17:30 18:00 18:30 19:00
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16:30 17:00 17:30 18:00 18:30 19:00 19:30 20:00 20:30	Introduction to File formats Dinner (Meet 7pm in Hotel Foyer to walk to restaurant) Dinner is at 7.30pm Red Mezze Turkish Restaurant 34-36 Leazes Park Road	Dinner (Meet 7pm in Hotel Foyer to walk to restaurant) Dinner is at 7.30pm Rasa Indian Restaurant 27 Queen's Street NE1 3UG	Findings from GWAS in PROMIS (Pakistan Risk of Myocardial infarction Study) Dinner (Meet 7pm in Hotel Foyer to walk to restaurant) Dinner is at 7.30pm A Taste of Persia 14 Marlborough Crescent NE1 4EE	Beyond GWAS? Affymetrix presentation? Dinner (Meet 8pm in Hotel Foyer to walk to restaurant)	Collaborative discussions	15:45 16:30 17:00 17:30 18:00 18:30 19:00 19:30 20:00
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Key to speakers:

AB: Adam Butterworth DS: Danish Salaheen FQ: Fouad Qureshi HJC: Heather Cordell JV: John Vincent