

Table 5.1 Data Dependences for the Modifier Instructions

	Instruction Class	Write to Register File				
		Data Available Normal/Earliest, Stage				
			alu	load	ladr	brl
			6/4	6/5	6/4	6/2
<i>Read from Register File Normal/Latest, Stage</i>	alu	2/3	4/1	4/2	4/1	4/1
	load	2/3	4/1	4/2	4/1	4/1
	ladr	2/3	4/1	4/2	4/1	4/1
	store (rb)	2/3	4/1	4/2	4/1	4/1
	store (ra)	2/4	4/1	4/1	4/1	4/1
	branch	2/2	4/2	4/3	4/2	4/1

} Normal/
forwarded
no hazard