

	rd	wd	pw	d
...	x	x	x	x
R(a)	✓	✗	✗	✗
R(a)	✓	✗	✗	✗
R(b)	✓	✗	✗	✗

Read dominated  
w/o WAR

	rd	wd	pw	d
...	x	x	x	x
R(a)	✓	✗	✗	✗
W(a)	✓	✗	✓	✓
R(b)	✓	✗	✗	✗

Read dominated  
w/ WAR

	rd	wd	pw	d
...	x	x	x	x
W(a)	✗	✓	✗	✓
R(a)	✗	✓	✗	✓
R(a)	✗	✓	✗	✓
R(b)	✓	✗	✗	✗

Write dominated  
w/o WAR

	rd	wd	pw	d
...	x	x	x	x
W(a)	✗	✓	✗	✓
R(a)	✗	✓	✗	✓
W(a)	✗	✓	✗	✓
R(b)	✓	✗	✗	✗

Write dominated  
w/ WAR