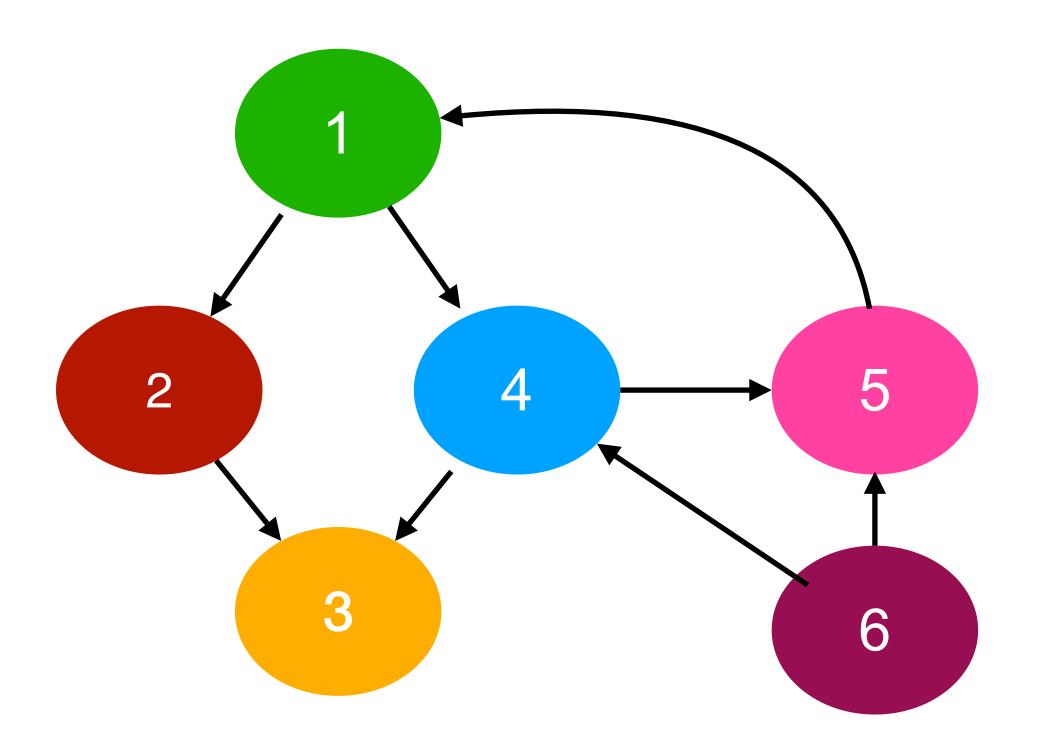
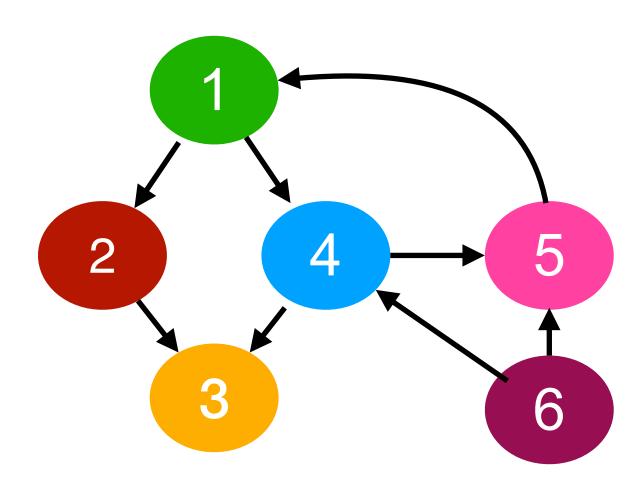


Causal Data Science

Lecture 4:0 Solutions to last lecture quizzes

Lecturer: Sara Magliacane





Multiple choice 0.5 points

What is the sequence of nodes (2,4,6)?

- A directed path
- A path, but not directed
- O Not a path

3 Multiple choice 0.5 points

What is the sequence of nodes (2,3,4,3)?

- Not a path
- A directed path
- A path, but not directed

2 Multiple choice 0.5 points

What is the sequence of nodes (6,5,1)?

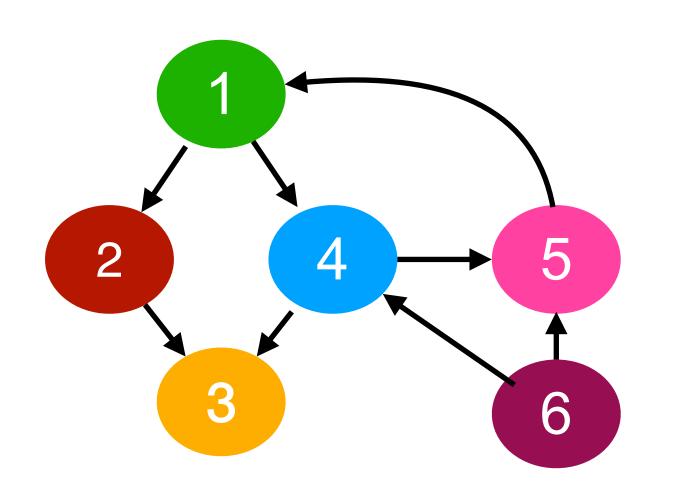
- Not a path
- A directed path
- A path but not directed

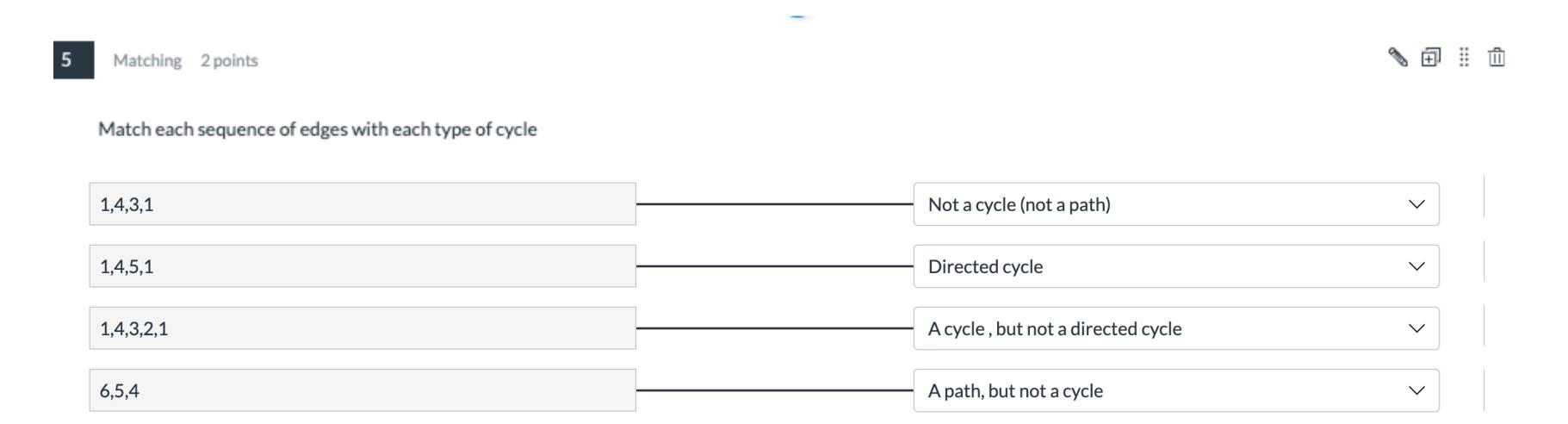
4 Multiple choice 0.5 points

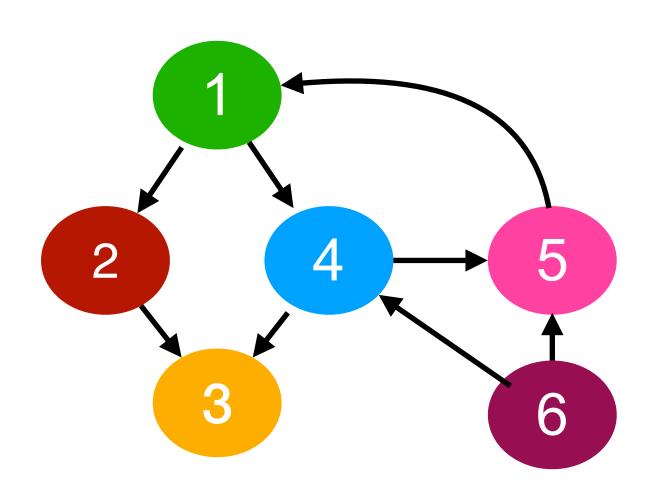
What is the sequence of node (1,4,6,5)?

- A path, but not directed
- A directed path
- Not a path





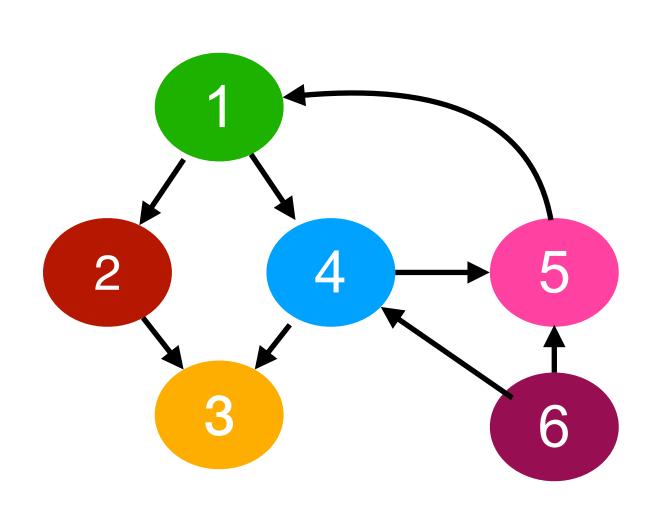




6 Multiple answer 0.5 points
Which nodes are the parents of node 4? (select all that apply)
✓ 1
_ 2
_ 3
_ 4
✓ 6
8 Multiple answer 0.5 points
Which nodes are the descendants of node 6? (select all that apply)
1
2
✓ 3
✓ 4
✓ 5
✓ 4

Mu	Itiple answer 0.5 points	
Whi	ch nodes are the children of node 6? (select all that apply)	
	1	
	2	
	3	
$[\checkmark]$	4	
$[\checkmark]$	5	
	6	
Mul	tiple answer 0.5 points	
Whic	h nodes are the ancestors of node 2? (select all that apply)	
$[\checkmark]$	1	
$[\checkmark]$	2	
	3	
□		
	4	

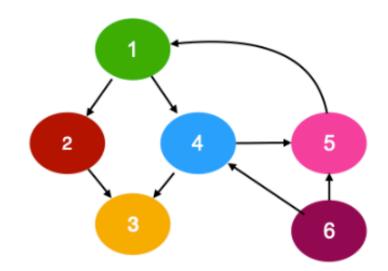




0

Multiple choice 1 point

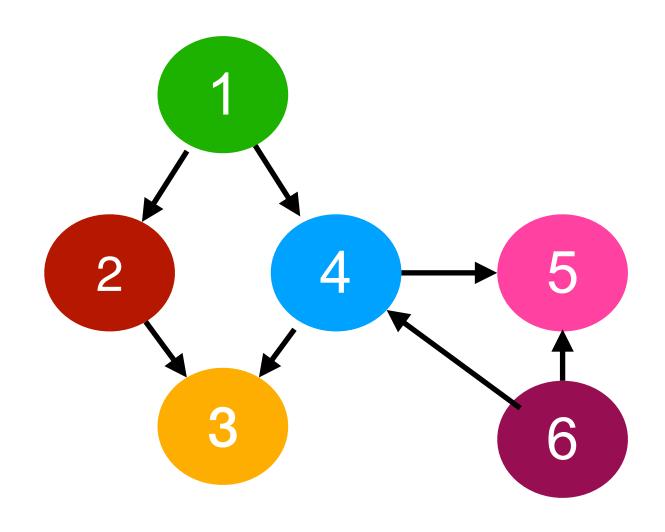
Which nodes are the descendants of nodes 3 and 4? (select all that apply) HINT: in our definition nodes are their own descendants

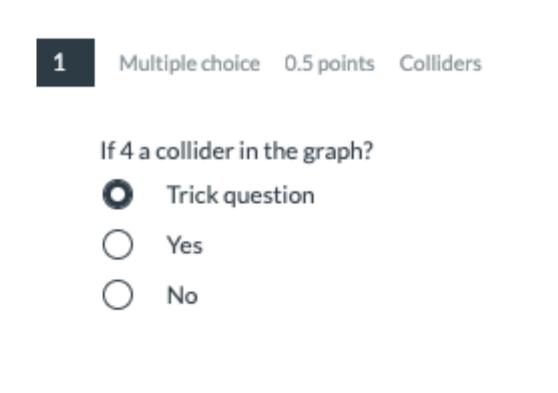


- 1,2,3,4,5
- 3,4
- 1,2,3,4,5,6
- 3,4,5

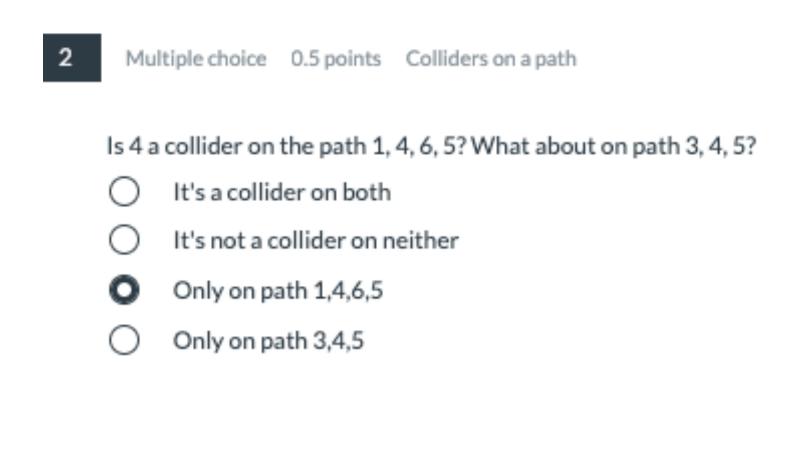


Exercise 2 in Canvas: d-separation













Exercise 2 in Canvas: d-separation

