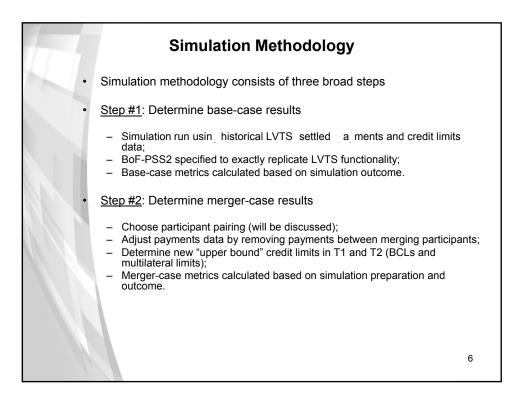
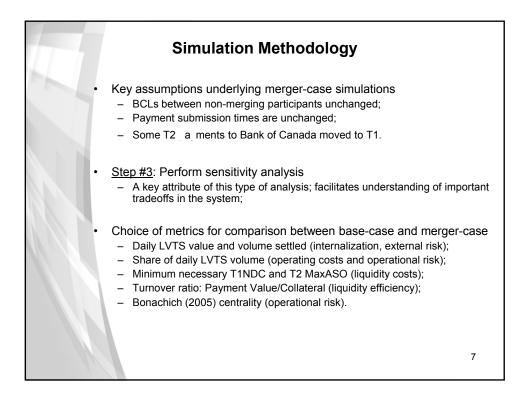


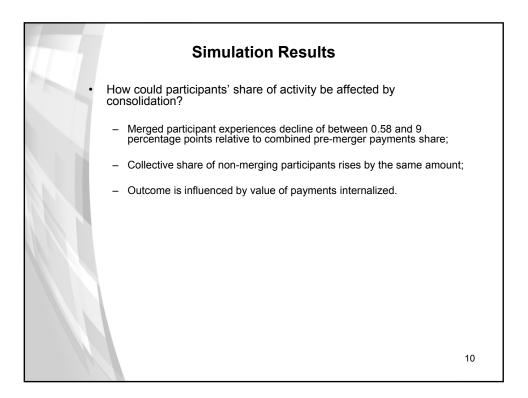
Can	ada's L\	/TS – Br	ief Overv	iew
aily LVTS payr	ments throug	ghput is sigi	nificant	
articipation stru	ucture is hig	hly concent	rated	
Distribution o	participants a	account for ov	ver 60 per cent Participant Size	of daily LVTS value
	Number of Participants	Share of Value	Share of Volume	
Small	6	6 35	6 02	
Medium	6	31 79	35 72	1
Wiculum				
	 T1: \$22.92 bil Approximately articipation structure 15 participant Largest three 	 T1: \$22.92 billion; T2: \$149 Approximately 20,000 trans articipation structure is hig 15 participants (including the Largest three participants and Distribution of LVTS Paymer (Daily Average, Ja) 	T1: \$22.92 billion; T2: \$149.95 billion (Approximately 20,000 transactions per of articipation structure is highly concent 15 participants (including the Bank of C-Largest three participants account for or Distribution of LVTS Payments Activity by F (Daily Average, January – June 2) Number of Participants Share of Value	Participants Value Volume

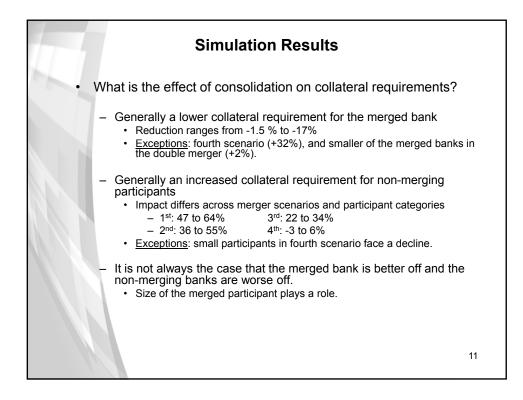




	Simulation Methodo	logy
	oothesis : Size of merged participant to in magnitude of impact.	will be key determining
-	Test by studying four merger scenarios in across size categories; ~30 percentage point difference in share between first and fourth scenario;	<u>.</u>
	Second merger scenario involves a doub difference between merged participants.	le-merger with significant si
	difference between merged participants.	le-merger with significant si Size of Merging participants
Pre-Merg Merger	difference between merged participants. <u>er</u> Throughput of Merging Participants Combined Percentage Share of Participants'	
Pre-Merg Merger Scenario	difference between merged participants. <u>er</u> Throughput of Merging Participants Combined Percentage Share of Participants' المرابع المرابع	Size of Merging participants
Pre-Merg Merger Scenario 1	difference between merged participants. er Throughput of Merging Participants Combined Percentage Share of Participants'	Size of Merging participants Large-Large (A) Large-Large

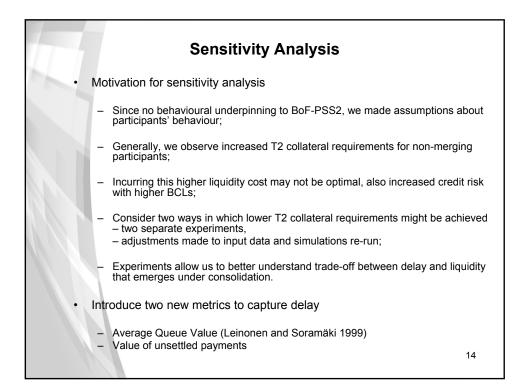
		ion Res		
Vhat value of	activity could	d be interna	lized by th	e mergeo
 High degree 	of variation a	icross merge	r scenarios	;
 Value intern 	alized 1 ra	anges from \$4	43 - 790 mi	llion;
Value intern	alized in T2 ra	anges from \$2	2 - 30 billior	ו:
	ernalization of I			
	ernalization of I	Payments Value (\$ millions)	due to Merge	r

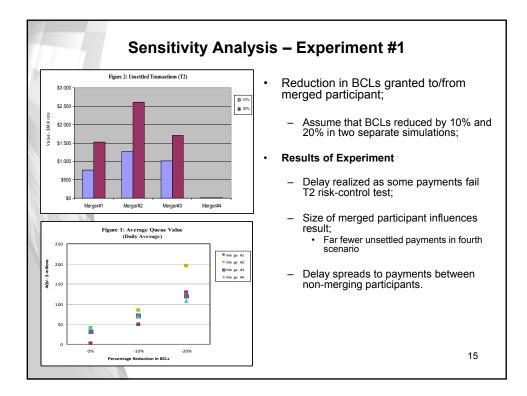


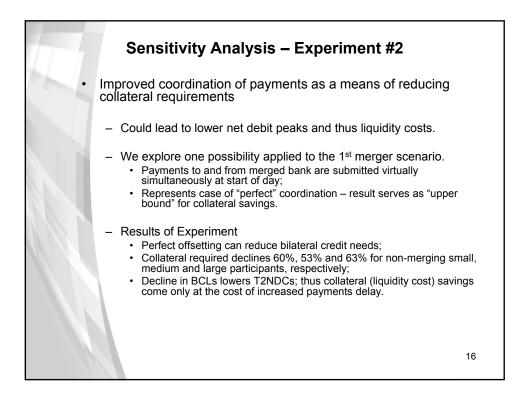


 Simulation Results How is liquidity efficiency affected? T1 system-wide turnover ratio increases 2-38% T2 system-wide turnover ratio declines 19-37% System-Wide Turnover Ratio İmage: Additional and the system-wide increases in the system in the system in the system increases in the system in the							
 T1 system-wide turnover ratio increases 2-38% T2 system-wide turnover ratio declines 19-37% System-Wide Turnover Ratio Base Case Merger 1 Merger 3 Merger 4 T1 System-wide 2 14 2 96 2 34 2 19 2 28 T2 System-wide 38 49 24 41 24 99 29 15 30 99 		Si	mulatio	n Resı	ults		
- T2 system-wide turnover ratio declines 19-37% System-Wide Turnover Ratio Merger 1 Merger 2 Merger 3 Merger 4 T1 System-wide 2 14 2 96 2 34 2 19 2 28 T2 System-wide 38 49 24 41 24 99 29 15 30 99	1	How is liquidity e	fficiency at	ffected?			
System-Wide Turnover RatioBase CaseMerger 1Merger 2Merger 3Merger 4T1 System-wide Turnover Ratio2 142 962 342 192 28T2 System-wide38 4924 4124 9929 1530 99		 T1 system-wid 	e turnover r	atio increa	ses 2-38%	, 0	
Base Case Merger 1 Merger 2 Merger 3 Merger 4 T1 System-wide Turnover Ratio 2 14 2 96 2 34 2 19 2 28 T2 System-wide 38 49 24 41 24 99 29 15 30 99		 T2 system-wid 	e turnover r	atio decline	es 19-37%	þ	
Base Case Merger 1 Merger 2 Merger 3 Merger 4 T1 System-wide Turnover Ratio 2 14 2 96 2 34 2 19 2 28 T2 System-wide 38 49 24 41 24 99 29 15 30 99		System Wide Turneye	* Datio				
Turnover Ratio T2 System-wide 38 49 24 41 24 99 29 15 30 99		System-wide furnove		Merger 1	Merger 2	Merger 3	Merger 4
			2 14	2 96	2 34	2 19	2 28
			38 49	24 41	24 99	29 15	30 99

			Simulatio	on Res	sults			
	– Con	centratio	rational risk I n of payment an change.			ity of the	central	
Avera	eve	nts.	t magnitude of ent Activity (Vol	•	•		0	
	Merg	er 1	Merger	2	Merg	er 3	Merg	er 4
	Base Case	Merger	Base Case	Merger	Base Case	Merger	Base Case	Merger
Share of	46 58	37 57	(A) 43 62 (B) 30 28	(A) 39 53 (B) 29 70	34 75	33 41	20 72	18 72
Volume								
	1 st and 2 nd	1 st	(A) 1^{st} and 3^{rd} (B) 2^{nd} and 5^{th}	(A) 2nd (B) 1st	1^{st} and 7^{th}	1 st	3^{rd} and 4 or 5^{th}	2 nd







What is the Impact of Conse	Merged Bank	Non-merging Banks
operating costs?	Decrease	Increase
collateral requirements?	Mixed Results Decrease when merging bank is large	Mixed Results Increases when merging bank is large
liquidity efficiency?	Decre	eases
payments concentration?	Incre	eases
the merged bank's centrality?	Incre	eases
Collateral	requirements can be reduced delay;	d at the cost of

