

In November/2018 there were the following securities and derivatives operations, in accordance with article 11 of CVM Instruction 358/2002.

Company Name: TIM PARTICIPAÇÕES S.A.						
Group and Related Parties	(X) Board of Directors	( ) Executive Management	( ) Fiscal Council	( ) Technical or Advisory Bodies	( ) Controlling Shareholder	( ) People connected to the management
<b>Opening Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		170	0,00007%	Total 0,00007%	
<b>Closing Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		170	0,00007%	Total 0,00007%	

\* The reported amounts reflects the weighted average between the prices of the transactions held on the trading day.

Company Name: TIM PARTICIPAÇÕES S.A.						
Group and Related Parties	( ) Board of Directors	(X) Executive Management	( ) Fiscal Council	( ) Technical or Advisory Bodies	( ) Controlling Shareholder	( ) People connected to the management
<b>Opening Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		206.605	0,008534%	Total 0,008534%	
<b>Closing Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		206.605	0,008534%	Total 0,008534%	

\* The reported amounts reflects the weighted average between the prices of the transactions held on the trading day.

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Group and Related Parties	( ) Board of Directors	( ) Executive Management	(X) Fiscal Council	( ) Technical or Advisory Bodies	( ) Controlling Shareholder	( ) People connected to the management
<b>Opening Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		0	0,000000%	Total 0,000000%	
<b>Closing Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		0	0,000000%	Total 0,000000%	

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<b>Opening Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		0	0,000000%	Total 0,000000%	
<b>Closing Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		0	0,000000%	Total 0,000000%	

Company Name: TIM PARTICIPAÇÕES S.A.						
Group and Related Parties	( ) Board of Directors	( ) Executive Management	( ) Fiscal Council	( ) Technical or Advisory Bodies	(X) Controlling Shareholder	( ) People connected to the management
<b>Opening Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		1.611.969.946	66,581922%	Total 66,581922%	
<b>Closing Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		1.611.969.946	66,581922%	Total 66,581922%	

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Group and Related Parties	( ) Board of Directors	( ) Executive Management	( ) Fiscal Council	( ) Technical or Advisory Bodies	( ) Controlling Shareholder	(X) People connected to the management
<b>Opening Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		0	0,000000%	Total 0,000000%	
<b>Closing Balance</b>						
Security / Derivative	Security Description		Quantity	Same Type / Class	% Share	
Shares	Common Registered		0	0,000000%	Total 0,000000%	