



PRECIOS EN PESOS

Precios del 4-may-18	Moneda de cotización	TIREA	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio		Vencimiento
				Monto	%					Renta	Amortización	

BONOS DENOMINADOS EN DÓLARES - COTIZACIÓN EN PESOS ^(a)

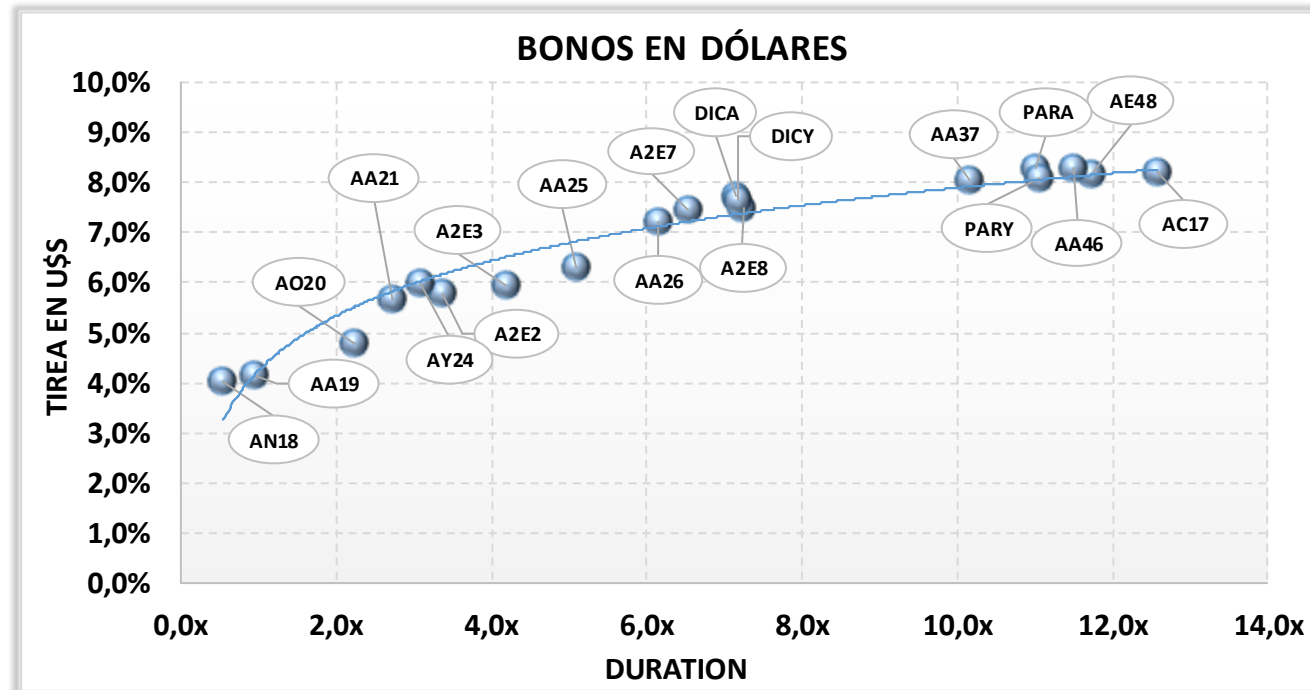
AN18	2.350,00	pesos	2,07%	0,5x	100,00	100,00%	3,98	103,98	103,68%	9,000%	29-may-2018	4,50	29-nov-2018	100,00	29-nov-2018
AA19	2.225,00	pesos	4,36%	0,9x	100,00	100,00%	0,28	100,28	101,78%	6,250%	22-oct-2018	3,13	22-abr-2019	100,00	22-abr-2019
A020	2.371,00	pesos	4,47%	2,2x	100,00	100,00%	0,67	100,67	108,04%	8,000%	8-oct-2018	4,00	8-oct-2020	100,00	8-oct-2020
AA21	2.261,75	pesos	5,66%	2,7x	100,00	100,00%	0,31	100,31	103,43%	6,875%	22-oct-2018	3,44	22-abr-2021	100,00	22-abr-2021
AY24	2.390,00	pesos	5,69%	3,9x	100,00	100,00%	0,02	100,02	109,61%	8,750%	7-nov-2018	4,38	7-may-2019	16,66	7-may-2024
A2E2	2.215,00	pesos	5,69%	3,4x	100,00	100,00%	1,59	101,59	100,01%	5,625%	26-jul-2018	2,81	26-ene-2022	100,00	26-ene-2022
A2E3	2.114,00	pesos	5,82%	4,2x	100,00	100,00%	1,50	101,50	95,54%	4,625%	11-jul-2018	2,31	11-ene-2023	100,00	11-ene-2023
AA25	2.145,00	pesos	6,23%	5,1x	100,00	100,00%	0,32	100,32	98,08%	5,750%	18-oct-2018	2,88	18-abr-2023	33,00	18-abr-2025
AA26	2.239,95	pesos	7,22%	6,1x	100,00	100,00%	0,33	100,33	102,41%	7,500%	22-oct-2018	3,75	22-abr-2026	100,00	22-abr-2026
A2E7	2.175,00	pesos	7,34%	6,6x	100,00	100,00%	1,95	101,95	97,86%	6,875%	26-jul-2018	3,44	26-ene-2027	100,00	26-ene-2027
A2E8	2.004,75	pesos	7,45%	7,2x	100,00	100,00%	1,91	101,91	90,24%	5,875%	11-jul-2018	2,94	11-ene-2028	100,00	11-ene-2028
DICA	3.320,00	pesos	7,62%	7,2x	140,20	100,00%	4,13	144,33	105,52%	8,280%	30-jun-2018	5,80	30-jun-2024	7,01	31-dic-2033
DICY	3.340,00	pesos	7,53%	7,2x	140,20	100,00%	4,13	144,33	106,15%	8,280%	30-jun-2018	5,80	30-jun-2024	7,01	31-dic-2033
AA37	2.145,00	pesos	7,98%	10,2x	100,00	100,00%	0,42	100,42	97,98%	7,625%	18-oct-2018	3,81	18-abr-2037	100,00	18-abr-2037
PARA	1.390,00	pesos	8,19%	11,0x	100,00	100,00%	0,26	100,26	63,59%	2,500%	30-sep-2018	1,25	30-sep-2029	5,00	31-dic-2038
AA46	2.066,64	pesos	8,29%	11,5x	100,00	100,00%	0,34	100,34	94,48%	7,625%	22-oct-2018	3,81	22-abr-2046	100,00	22-abr-2046
AE48	1.950,00	pesos	8,16%	11,7x	100,00	100,00%	2,23	102,23	87,49%	6,875%	11-jul-2018	3,44	11-ene-2048	100,00	11-ene-2048
AC17	2.002,00	pesos	8,13%	12,7x	100,00	100,00%	2,57	102,57	89,53%	7,125%	28-jun-2018	3,56	28-jun-2117	100,00	28-jun-2117

NOTAS Y ACLARACIONES:

Las cotizaciones corresponden a las de BCBA de plazo 48hs. Si no cotizó en ese mercado se toma el del MAE. Si no cotizó en ningún mercado se tome el último cierre.

Si una especie no cotizó en una de las monedas, se toma la cotización en la otra moneda corregida por el tipo de cambio BNA prom. C/V. Los cálculos de indicadores corresponden al 08.05.2018

(a) Tipo de cambio BNA Prom. C/V: **\$/u\$s 21,80** La TIR está expresada en u\$s.

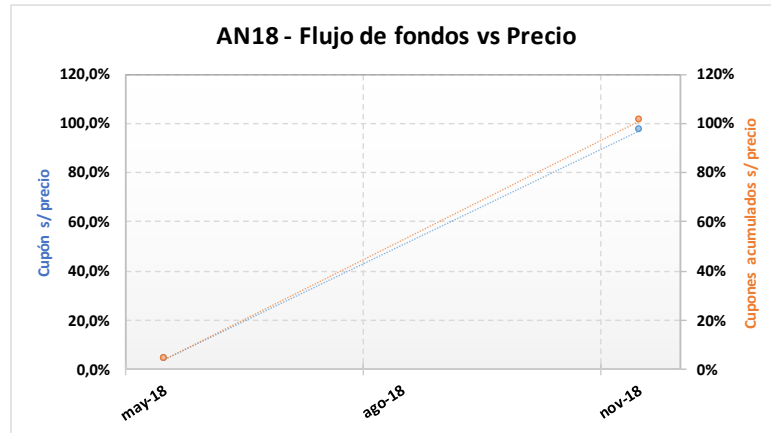




AN18 – Bonar 2018

Precio del	Moneda de	TIREA en u\$s	Duration	Capital residual		Intereses	Valor técnico	Paridad	Tasa de	Próximo servicio				Vencimiento
4-may-18	cotización			Monto	%	corridos			cupón	Renta		Amortización		
2.350,00	pesos	2,07%	0,54x	100,00	100,00%	3,98	103,98	103,68%	9,000%	29-may-2018	4,50	29-nov-2018	100,00	

Tipo de cambio simulado: 21,80

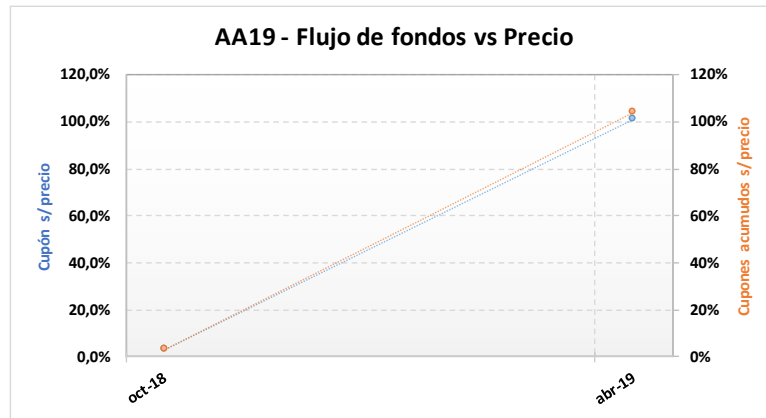


- AN18 - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO											
		2.345	2.346	2.347	2.348	2.349	2.350,00	2.351	2.352	2.353	2.354	2.355	
TIPO DE CAMBIO SIMULADO	21,30	-1,83%	-1,91%	-1,98%	-2,06%	-2,14%	-2,21%	-2,29%	-2,37%	-2,45%	-2,52%	-2,60%	
	21,35	-1,40%	-1,48%	-1,56%	-1,64%	-1,71%	-1,79%	-1,87%	-1,94%	-2,02%	-2,10%	-2,18%	
	21,40	-0,98%	-1,05%	-1,13%	-1,21%	-1,29%	-1,36%	-1,44%	-1,52%	-1,60%	-1,67%	-1,75%	
	21,45	-0,55%	-0,63%	-0,70%	-0,78%	-0,86%	-0,94%	-1,02%	-1,09%	-1,17%	-1,25%	-1,33%	
	21,50	-0,12%	-0,20%	-0,28%	-0,35%	-0,43%	-0,51%	-0,59%	-0,67%	-0,75%	-0,82%	-0,90%	
	21,55	0,31%	0,23%	0,15%	0,07%	0,00%	-0,08%	-0,16%	-0,24%	-0,32%	-0,40%	-0,47%	
	21,60	0,74%	0,66%	0,58%	0,50%	0,43%	0,35%	0,27%	0,19%	0,11%	0,03%	-0,05%	
	21,65	1,17%	1,09%	1,01%	0,94%	0,86%	0,78%	0,70%	0,62%	0,54%	0,46%	0,38%	
	21,70	1,61%	1,53%	1,45%	1,37%	1,29%	1,21%	1,13%	1,05%	0,97%	0,89%	0,81%	
	21,75	2,04%	1,96%	1,88%	1,80%	1,72%	1,64%	1,56%	1,48%	1,40%	1,32%	1,24%	
	21,80	2,47%	2,39%	2,31%	2,23%	2,15%	2,07%	1,99%	1,91%	1,83%	1,75%	1,67%	
	21,85	2,91%	2,83%	2,75%	2,67%	2,59%	2,51%	2,42%	2,34%	2,26%	2,18%	2,10%	
	21,90	3,35%	3,26%	3,18%	3,10%	3,02%	2,94%	2,86%	2,78%	2,70%	2,62%	2,54%	
	21,95	3,78%	3,70%	3,62%	3,54%	3,46%	3,37%	3,29%	3,21%	3,13%	3,05%	2,97%	
	22,00	4,22%	4,14%	4,06%	3,97%	3,89%	3,81%	3,73%	3,65%	3,57%	3,48%	3,40%	
	22,05	4,66%	4,58%	4,49%	4,41%	4,33%	4,25%	4,17%	4,08%	4,00%	3,92%	3,84%	
	22,10	5,10%	5,02%	4,93%	4,85%	4,77%	4,69%	4,60%	4,52%	4,44%	4,36%	4,27%	
	22,15	5,54%	5,46%	5,37%	5,29%	5,21%	5,12%	5,04%	4,96%	4,88%	4,79%	4,71%	
	22,20	5,98%	5,90%	5,81%	5,73%	5,65%	5,56%	5,48%	5,40%	5,32%	5,23%	5,15%	
	22,25	6,42%	6,34%	6,26%	6,17%	6,09%	6,00%	5,92%	5,84%	5,75%	5,67%	5,59%	
	22,30	6,87%	6,78%	6,70%	6,61%	6,53%	6,45%	6,36%	6,28%	6,19%	6,11%	6,03%	

AA19 – Bono internacional de la Rep. Arg. En u\$s 6,25% - 2019

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
4-may-18				Monto	%					Renta		Amortización		
2.225,00	pesos	4,36%	0,94x	100,00	100,00%	0,28	100,28	101,78%	6,250%	22-oct-2018	3,13	22-abr-2019	100,00	22-abr-2019

Tipo de cambio simulado: 21,80

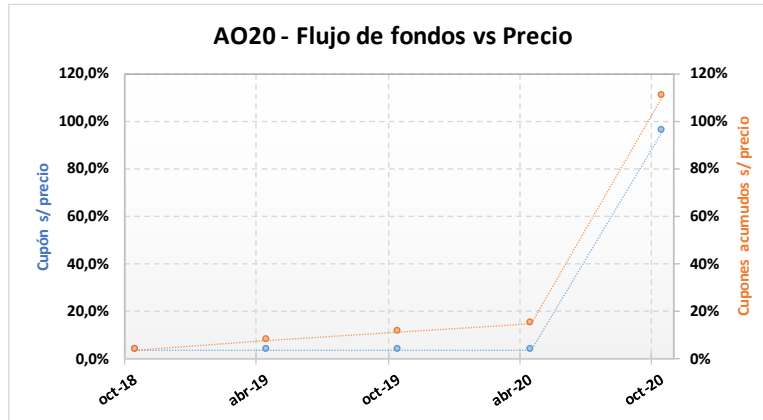


- AA19 - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.200	2.205	2.210	2.215	2.220	2.225,00	2.230	2.235	2.240	2.245	2.250
TIPO DE CAMBIO SIMULADO	21,30	3,05%	2,80%	2,56%	2,31%	2,06%	1,82%	1,58%	1,34%	1,10%	0,86%	0,62%
	21,35	3,31%	3,06%	2,81%	2,56%	2,32%	2,07%	1,83%	1,59%	1,35%	1,11%	0,87%
	21,40	3,56%	3,32%	3,07%	2,82%	2,57%	2,33%	2,09%	1,84%	1,60%	1,36%	1,12%
	21,45	3,82%	3,57%	3,32%	3,08%	2,83%	2,58%	2,34%	2,10%	1,85%	1,61%	1,37%
	21,50	4,08%	3,83%	3,58%	3,33%	3,08%	2,84%	2,59%	2,35%	2,11%	1,86%	1,62%
	21,55	4,34%	4,08%	3,83%	3,59%	3,34%	3,09%	2,85%	2,60%	2,36%	2,12%	1,87%
	21,60	4,59%	4,34%	4,09%	3,84%	3,59%	3,35%	3,10%	2,85%	2,61%	2,37%	2,13%
	21,65	4,85%	4,60%	4,35%	4,10%	3,85%	3,60%	3,35%	3,11%	2,86%	2,62%	2,38%
	21,70	5,11%	4,85%	4,60%	4,35%	4,10%	3,85%	3,61%	3,36%	3,11%	2,87%	2,63%
	21,75	5,37%	5,11%	4,86%	4,61%	4,36%	4,11%	3,86%	3,61%	3,37%	3,12%	2,88%
	21,80	5,62%	5,37%	5,11%	4,86%	4,61%	4,36%	4,11%	3,87%	3,62%	3,37%	3,13%
	21,85	5,88%	5,63%	5,37%	5,12%	4,87%	4,62%	4,37%	4,12%	3,87%	3,63%	3,38%
	21,90	6,14%	5,88%	5,63%	5,37%	5,12%	4,87%	4,62%	4,37%	4,12%	3,88%	3,63%
	21,95	6,40%	6,14%	5,88%	5,63%	5,38%	5,13%	4,87%	4,63%	4,38%	4,13%	3,88%
	22,00	6,65%	6,40%	6,14%	5,89%	5,63%	5,38%	5,13%	4,88%	4,63%	4,38%	4,14%
	22,05	6,91%	6,65%	6,40%	6,14%	5,89%	5,63%	5,38%	5,13%	4,88%	4,63%	4,39%
	22,10	7,17%	6,91%	6,65%	6,40%	6,14%	5,89%	5,64%	5,39%	5,14%	4,89%	4,64%
	22,15	7,43%	7,17%	6,91%	6,65%	6,40%	6,14%	5,89%	5,64%	5,39%	5,14%	4,89%
	22,20	7,68%	7,42%	7,17%	6,91%	6,65%	6,40%	6,14%	5,89%	5,64%	5,39%	5,14%
	22,25	7,94%	7,68%	7,42%	7,16%	6,91%	6,65%	6,40%	6,15%	5,89%	5,64%	5,39%
	22,30	8,20%	7,94%	7,68%	7,42%	7,16%	6,91%	6,65%	6,40%	6,15%	5,90%	5,65%

AO20 – Bonar 2020

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
4-may-18				Monto	%					Renta		Amortización		
2.371,00	pesos	4,47%	2,24x	100,00	100,00%	0,67	100,67	108,04%	8,000%	8-oct-2018	4,00	8-oct-2020	100,00	8-oct-2020

Tipo de cambio simulado: **21,80**

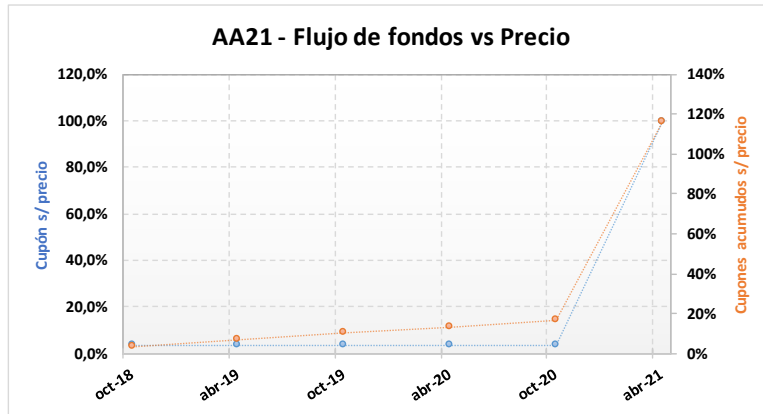


- AO20 - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.295	2.310	2.325	2.340	2.355	2.371,00	2.385	2.400	2.415	2.430	2.445
TIPO DE CAMBIO SIMULADO	21,30	4,90%	4,60%	4,30%	4,00%	3,71%	3,39%	3,12%	2,84%	2,55%	2,27%	1,99%
	21,35	5,01%	4,71%	4,41%	4,11%	3,81%	3,50%	3,23%	2,94%	2,66%	2,38%	2,10%
	21,40	5,12%	4,82%	4,52%	4,22%	3,92%	3,61%	3,34%	3,05%	2,77%	2,48%	2,20%
	21,45	5,23%	4,93%	4,63%	4,33%	4,03%	3,72%	3,45%	3,16%	2,87%	2,59%	2,31%
	21,50	5,34%	5,04%	4,73%	4,44%	4,14%	3,82%	3,55%	3,26%	2,98%	2,70%	2,42%
	21,55	5,45%	5,15%	4,84%	4,54%	4,25%	3,93%	3,66%	3,37%	3,09%	2,80%	2,52%
	21,60	5,56%	5,25%	4,95%	4,65%	4,35%	4,04%	3,77%	3,48%	3,19%	2,91%	2,63%
	21,65	5,67%	5,36%	5,06%	4,76%	4,46%	4,15%	3,87%	3,58%	3,30%	3,01%	2,73%
	21,70	5,78%	5,47%	5,17%	4,87%	4,57%	4,25%	3,98%	3,69%	3,40%	3,12%	2,84%
	21,75	5,89%	5,58%	5,28%	4,97%	4,68%	4,36%	4,09%	3,80%	3,51%	3,23%	2,94%
	21,80	6,00%	5,69%	5,38%	5,08%	4,78%	4,47%	4,19%	3,90%	3,62%	3,33%	3,05%
	21,85	6,10%	5,80%	5,49%	5,19%	4,89%	4,57%	4,30%	4,01%	3,72%	3,44%	3,15%
	21,90	6,21%	5,90%	5,60%	5,30%	5,00%	4,68%	4,41%	4,12%	3,83%	3,54%	3,26%
	21,95	6,32%	6,01%	5,71%	5,40%	5,10%	4,79%	4,51%	4,22%	3,93%	3,65%	3,36%
	22,00	6,43%	6,12%	5,81%	5,51%	5,21%	4,89%	4,62%	4,33%	4,04%	3,75%	3,47%
	22,05	6,54%	6,23%	5,92%	5,62%	5,32%	5,00%	4,72%	4,43%	4,14%	3,86%	3,57%
	22,10	6,64%	6,33%	6,03%	5,72%	5,42%	5,11%	4,83%	4,54%	4,25%	3,96%	3,68%
	22,15	6,75%	6,44%	6,14%	5,83%	5,53%	5,21%	4,94%	4,64%	4,35%	4,07%	3,78%
	22,20	6,86%	6,55%	6,24%	5,94%	5,64%	5,32%	5,04%	4,75%	4,46%	4,17%	3,89%
	22,25	6,97%	6,66%	6,35%	6,04%	5,74%	5,42%	5,15%	4,85%	4,56%	4,27%	3,99%
	22,30	7,07%	6,76%	6,46%	6,15%	5,85%	5,53%	5,25%	4,96%	4,67%	4,38%	4,09%

AA21 – Bono internacional de la Rep. Arg. en u\$s 6,875% - 2021

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
4-may-18				Monto	%					Renta		Amortización		
2.261,75	pesos	5,66%	2,73x	100,00	100,00%	0,31	100,31	103,43%	6,875%	22-oct-2018	3,44	22-abr-2021	100,00	22-abr-2021

Tipo de cambio simulado: 21,80

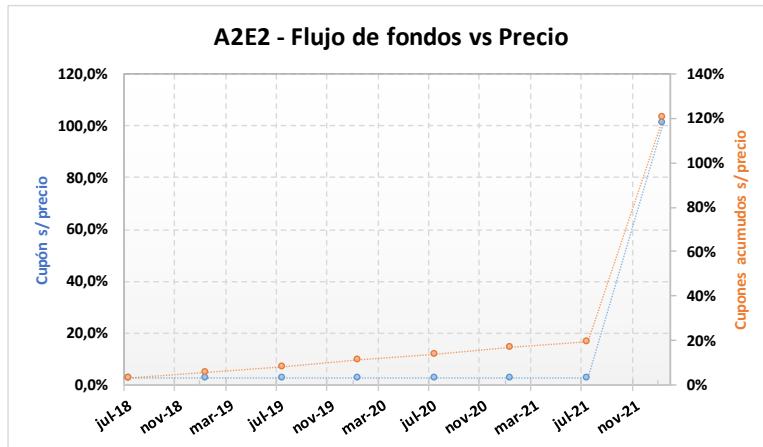


- AA21- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.185	2.200	2.215	2.230	2.245	2.261,75	2.275	2.290	2.305	2.320	2.335
TIPO DE CAMBIO SIMULADO	21,30	6,10%	5,84%	5,57%	5,31%	5,05%	4,77%	4,54%	4,29%	4,04%	3,80%	3,55%
	21,35	6,20%	5,93%	5,67%	5,40%	5,15%	4,86%	4,63%	4,38%	4,13%	3,89%	3,64%
	21,40	6,29%	6,02%	5,76%	5,49%	5,24%	4,95%	4,72%	4,47%	4,22%	3,98%	3,73%
	21,45	6,38%	6,11%	5,85%	5,58%	5,33%	5,04%	4,81%	4,56%	4,31%	4,06%	3,82%
	21,50	6,47%	6,20%	5,94%	5,68%	5,42%	5,13%	4,90%	4,65%	4,40%	4,15%	3,91%
	21,55	6,56%	6,29%	6,03%	5,77%	5,51%	5,22%	4,99%	4,74%	4,49%	4,24%	4,00%
	21,60	6,65%	6,38%	6,12%	5,86%	5,60%	5,31%	5,08%	4,83%	4,58%	4,33%	4,08%
	21,65	6,74%	6,47%	6,21%	5,95%	5,68%	5,40%	5,17%	4,92%	4,67%	4,42%	4,17%
	21,70	6,83%	6,56%	6,30%	6,03%	5,77%	5,49%	5,26%	5,01%	4,76%	4,51%	4,26%
	21,75	6,92%	6,65%	6,39%	6,12%	5,86%	5,58%	5,35%	5,10%	4,84%	4,60%	4,35%
	21,80	7,01%	6,74%	6,48%	6,21%	5,95%	5,66%	5,44%	5,18%	4,93%	4,68%	4,44%
	21,85	7,10%	6,83%	6,57%	6,30%	6,04%	5,75%	5,53%	5,27%	5,02%	4,77%	4,52%
	21,90	7,19%	6,92%	6,66%	6,39%	6,13%	5,84%	5,62%	5,36%	5,11%	4,86%	4,61%
	21,95	7,28%	7,01%	6,75%	6,48%	6,22%	5,93%	5,70%	5,45%	5,20%	4,95%	4,70%
	22,00	7,37%	7,10%	6,84%	6,57%	6,31%	6,02%	5,79%	5,54%	5,28%	5,03%	4,79%
	22,05	7,46%	7,19%	6,92%	6,66%	6,40%	6,11%	5,88%	5,63%	5,37%	5,12%	4,87%
	22,10	7,55%	7,28%	7,01%	6,75%	6,49%	6,20%	5,97%	5,71%	5,46%	5,21%	4,96%
	22,15	7,64%	7,37%	7,10%	6,84%	6,57%	6,28%	6,06%	5,80%	5,55%	5,30%	5,05%
	22,20	7,73%	7,46%	7,19%	6,93%	6,66%	6,37%	6,14%	5,89%	5,63%	5,38%	5,13%
	22,25	7,82%	7,55%	7,28%	7,01%	6,75%	6,46%	6,23%	5,98%	5,72%	5,47%	5,22%
	22,30	7,91%	7,64%	7,37%	7,10%	6,84%	6,55%	6,32%	6,06%	5,81%	5,56%	5,31%

A2E2 – Bonar 2022 (Ley NY)

Precio del	Moneda de	TIREA en u\$s	Duration	Capital residual		Intereses	Valor técnico	Paridad	Tasa de	Próximo servicio				Vencimiento
4-may-18	cotización			Monto	%	corridos			cupón	Renta		Amortización		
2.215,00	pesos	5,69%	3,36x	100,00	100,00%	1,59	101,59	100,01%	5,625%	26-jul-2018	2,81	26-ene-2022	100,00	26-ene-2022

Tipo de cambio simulado: 21,80



-A2E2- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.965	2.015	2.065	2.115	2.165	2.215,00	2.265	2.315	2.365	2.415	2.465
TIPO DE CAMBIO SIMULADO	21,30	8,78%	7,96%	7,18%	6,41%	5,68%	4,96%	4,27%	3,59%	2,94%	2,31%	1,69%
	21,35	8,86%	8,04%	7,25%	6,49%	5,75%	5,03%	4,34%	3,67%	3,01%	2,38%	1,76%
	21,40	8,93%	8,12%	7,33%	6,56%	5,82%	5,11%	4,41%	3,74%	3,08%	2,45%	1,83%
	21,45	9,01%	8,19%	7,40%	6,64%	5,90%	5,18%	4,48%	3,81%	3,15%	2,52%	1,90%
	21,50	9,08%	8,27%	7,48%	6,71%	5,97%	5,25%	4,56%	3,88%	3,23%	2,59%	1,97%
	21,55	9,16%	8,34%	7,55%	6,78%	6,04%	5,33%	4,63%	3,95%	3,30%	2,66%	2,04%
	21,60	9,24%	8,42%	7,62%	6,86%	6,12%	5,40%	4,70%	4,02%	3,37%	2,73%	2,11%
	21,65	9,31%	8,49%	7,70%	6,93%	6,19%	5,47%	4,77%	4,10%	3,44%	2,80%	2,18%
	21,70	9,39%	8,57%	7,77%	7,01%	6,26%	5,54%	4,84%	4,17%	3,51%	2,87%	2,25%
	21,75	9,46%	8,64%	7,85%	7,08%	6,34%	5,61%	4,92%	4,24%	3,58%	2,94%	2,32%
	21,80	9,54%	8,72%	7,92%	7,15%	6,41%	5,69%	4,99%	4,31%	3,65%	3,01%	2,39%
	21,85	9,61%	8,79%	8,00%	7,23%	6,48%	5,76%	5,06%	4,38%	3,72%	3,08%	2,46%
	21,90	9,69%	8,87%	8,07%	7,30%	6,55%	5,83%	5,13%	4,45%	3,79%	3,15%	2,53%
	21,95	9,77%	8,94%	8,14%	7,37%	6,63%	5,90%	5,20%	4,52%	3,86%	3,22%	2,60%
	22,00	9,84%	9,01%	8,22%	7,45%	6,70%	5,97%	5,27%	4,59%	3,93%	3,29%	2,66%
	22,05	9,92%	9,09%	8,29%	7,52%	6,77%	6,05%	5,34%	4,66%	4,00%	3,36%	2,73%
	22,10	9,99%	9,16%	8,36%	7,59%	6,84%	6,12%	5,42%	4,73%	4,07%	3,43%	2,80%
	22,15	10,06%	9,24%	8,44%	7,66%	6,92%	6,19%	5,49%	4,80%	4,14%	3,50%	2,87%
	22,20	10,14%	9,31%	8,51%	7,74%	6,99%	6,26%	5,56%	4,87%	4,21%	3,57%	2,94%
	22,25	10,21%	9,38%	8,58%	7,81%	7,06%	6,33%	5,63%	4,94%	4,28%	3,64%	3,01%
	22,30	10,29%	9,46%	8,66%	7,88%	7,13%	6,40%	5,70%	5,01%	4,35%	3,70%	3,08%

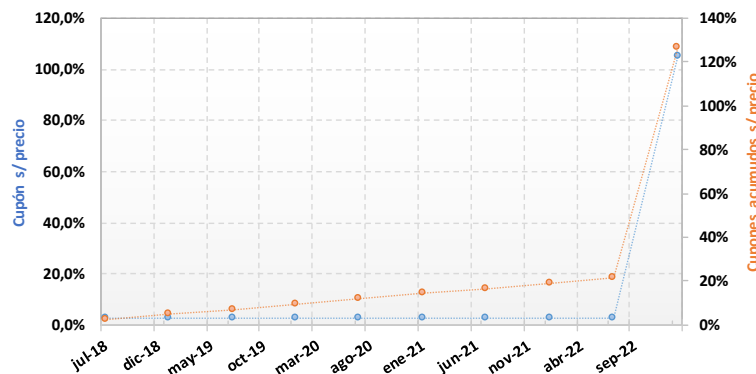


A2E3 – Bonar 2023 (Ley NY)

Precio del	Moneda de	TIREA en	Duration	Capital residual		Intereses	Valor técnico	Paridad	Tasa de	Próximo servicio				Vencimiento
4-may-18	cotización	pesos		Monto	%	corridos			cupón	Renta		Amortización		
2.114,00	pesos	5,82%	4,19x	100,00	100,00%	1,50	101,50	95,54%	4,625%	11-jul-2018	2,31	11-ene-2023	100,00	11-ene-2023

Tipo de cambio simulado: 21,80

A2E3 - Flujo de fondos vs Precio



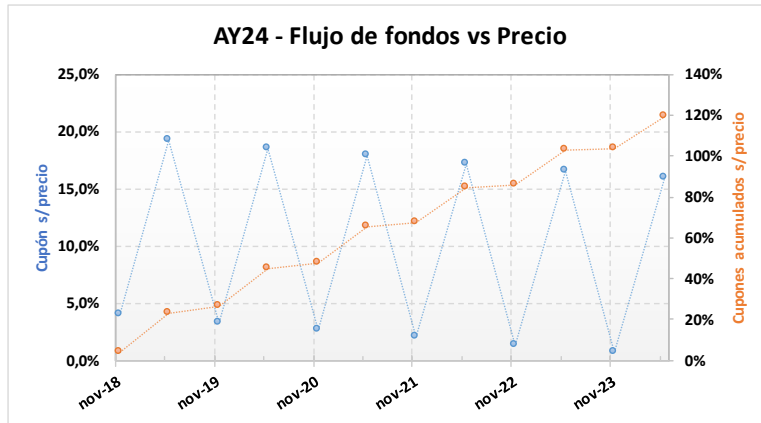
-A2E3- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.865	1.915	1.965	2.015	2.065	2.114,00	2.165	2.215	2.265	2.315	2.365
TIPO DE CAMBIO SIMULADO	21,30	8,44%	7,75%	7,09%	6,44%	5,82%	5,23%	4,64%	4,07%	3,52%	2,98%	2,47%
	21,35	8,50%	7,81%	7,15%	6,50%	5,88%	5,29%	4,69%	4,13%	3,58%	3,04%	2,52%
	21,40	8,56%	7,87%	7,21%	6,56%	5,94%	5,35%	4,75%	4,18%	3,63%	3,10%	2,58%
	21,45	8,62%	7,93%	7,27%	6,62%	6,00%	5,41%	4,81%	4,24%	3,69%	3,16%	2,64%
	21,50	8,68%	7,99%	7,33%	6,68%	6,06%	5,47%	4,87%	4,30%	3,75%	3,21%	2,69%
	21,55	8,74%	8,05%	7,39%	6,74%	6,12%	5,52%	4,93%	4,36%	3,81%	3,27%	2,75%
	21,60	8,80%	8,11%	7,45%	6,80%	6,18%	5,58%	4,98%	4,42%	3,86%	3,33%	2,80%
	21,65	8,86%	8,17%	7,51%	6,86%	6,23%	5,64%	5,04%	4,47%	3,92%	3,38%	2,86%
	21,70	8,92%	8,23%	7,56%	6,92%	6,29%	5,70%	5,10%	4,53%	3,98%	3,44%	2,92%
	21,75	8,99%	8,29%	7,62%	6,98%	6,35%	5,76%	5,16%	4,59%	4,03%	3,50%	2,97%
	21,80	9,05%	8,35%	7,68%	7,04%	6,41%	5,82%	5,21%	4,64%	4,09%	3,55%	3,03%
	21,85	9,11%	8,41%	7,74%	7,09%	6,47%	5,87%	5,27%	4,70%	4,15%	3,61%	3,09%
	21,90	9,17%	8,47%	7,80%	7,15%	6,53%	5,93%	5,33%	4,76%	4,20%	3,67%	3,14%
	21,95	9,23%	8,53%	7,86%	7,21%	6,58%	5,99%	5,39%	4,82%	4,26%	3,72%	3,20%
	22,00	9,29%	8,59%	7,92%	7,27%	6,64%	6,05%	5,44%	4,87%	4,32%	3,78%	3,25%
	22,05	9,35%	8,65%	7,98%	7,33%	6,70%	6,10%	5,50%	4,93%	4,37%	3,83%	3,31%
	22,10	9,41%	8,71%	8,04%	7,39%	6,76%	6,16%	5,56%	4,99%	4,43%	3,89%	3,36%
	22,15	9,47%	8,77%	8,10%	7,45%	6,82%	6,22%	5,62%	5,04%	4,49%	3,94%	3,42%
	22,20	9,53%	8,83%	8,16%	7,50%	6,87%	6,28%	5,67%	5,10%	4,54%	4,00%	3,47%
	22,25	9,59%	8,89%	8,21%	7,56%	6,93%	6,33%	5,73%	5,15%	4,60%	4,06%	3,53%
	22,30	9,64%	8,95%	8,27%	7,62%	6,99%	6,39%	5,79%	5,21%	4,65%	4,11%	3,58%



AY24 – Bonar 2024

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
4-may-18				Monto	%					Renta		Amortización		
2.390,00	pesos	5,69%	3,87x	100,00	100,00%	0,02	100,02	109,61%	8,750%	7-nov-2018	4,38	7-may-2019	16,66	7-may-2024

Tipo de cambio simulado: 21,80



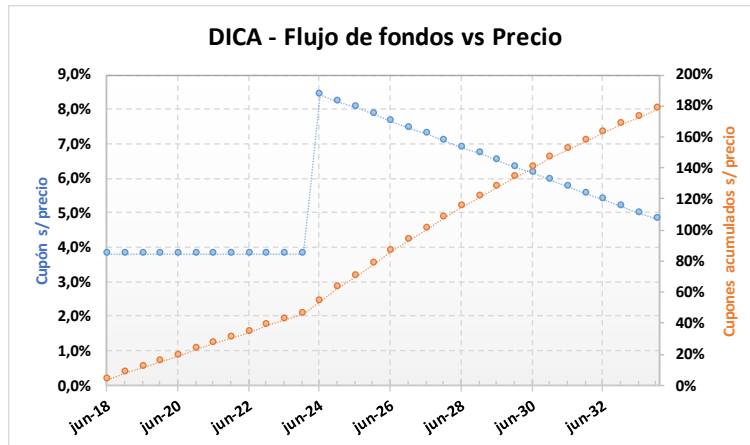
- AY24 - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.315	2.330	2.345	2.360	2.375	2.390,00	2.405	2.420	2.435	2.450	2.465
TIPO DE CAMBIO SIMULADO	21,30	5,99%	5,77%	5,55%	5,33%	5,12%	4,90%	4,69%	4,48%	4,28%	4,07%	3,87%
	21,35	6,07%	5,85%	5,63%	5,41%	5,20%	4,98%	4,77%	4,56%	4,36%	4,15%	3,95%
	21,40	6,15%	5,93%	5,71%	5,49%	5,28%	5,06%	4,85%	4,64%	4,43%	4,23%	4,03%
	21,45	6,23%	6,01%	5,79%	5,57%	5,36%	5,14%	4,93%	4,72%	4,51%	4,31%	4,10%
	21,50	6,32%	6,09%	5,87%	5,65%	5,44%	5,22%	5,01%	4,80%	4,59%	4,38%	4,18%
	21,55	6,40%	6,17%	5,95%	5,73%	5,51%	5,30%	5,09%	4,88%	4,67%	4,46%	4,26%
	21,60	6,48%	6,25%	6,03%	5,81%	5,59%	5,38%	5,17%	4,96%	4,75%	4,54%	4,34%
	21,65	6,56%	6,33%	6,11%	5,89%	5,67%	5,46%	5,24%	5,03%	4,82%	4,62%	4,41%
	21,70	6,64%	6,41%	6,19%	5,97%	5,75%	5,54%	5,32%	5,11%	4,90%	4,70%	4,49%
	21,75	6,72%	6,49%	6,27%	6,05%	5,83%	5,62%	5,40%	5,19%	4,98%	4,77%	4,57%
	21,80	6,80%	6,57%	6,35%	6,13%	5,91%	5,69%	5,48%	5,27%	5,06%	4,85%	4,64%
	21,85	6,88%	6,65%	6,43%	6,21%	5,99%	5,77%	5,56%	5,35%	5,14%	4,93%	4,72%
	21,90	6,96%	6,73%	6,51%	6,29%	6,07%	5,85%	5,64%	5,42%	5,21%	5,01%	4,80%
	21,95	7,04%	6,81%	6,59%	6,37%	6,15%	5,93%	5,71%	5,50%	5,29%	5,08%	4,88%
	22,00	7,12%	6,89%	6,67%	6,45%	6,23%	6,01%	5,79%	5,58%	5,37%	5,16%	4,95%
	22,05	7,20%	6,97%	6,75%	6,52%	6,30%	6,09%	5,87%	5,66%	5,45%	5,24%	5,03%
	22,10	7,28%	7,05%	6,83%	6,60%	6,38%	6,16%	5,95%	5,73%	5,52%	5,31%	5,11%
	22,15	7,36%	7,13%	6,90%	6,68%	6,46%	6,24%	6,03%	5,81%	5,60%	5,39%	5,18%
	22,20	7,44%	7,21%	6,98%	6,76%	6,54%	6,32%	6,10%	5,89%	5,68%	5,47%	5,26%
	22,25	7,52%	7,29%	7,06%	6,84%	6,62%	6,40%	6,18%	5,97%	5,75%	5,54%	5,34%
	22,30	7,60%	7,37%	7,14%	6,92%	6,70%	6,48%	6,26%	6,04%	5,83%	5,62%	5,41%



DICA – Bono Discount en dólares (ley argentina)

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
4-may-18				Monto	%					Renta		Amortización		
3.320,00	pesos	7,62%	7,18x	140,20	100,00%	4,13	144,33	105,52%	8,280%	30-jun-2018	5,80	30-jun-2024	7,01	
31-dic-2033														

Tipo de cambio simulado: 21,80

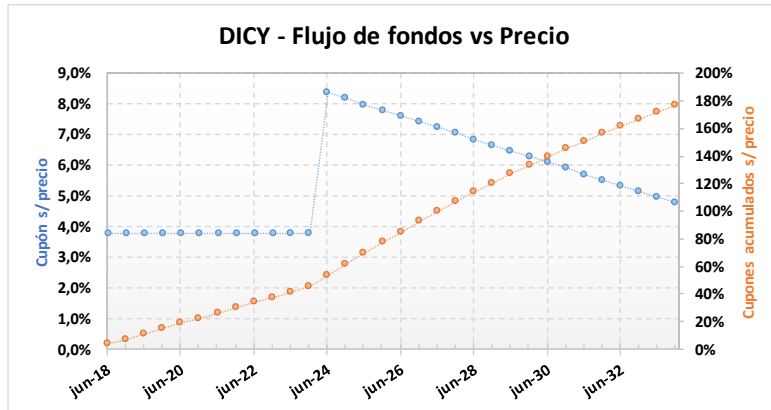


- DICA - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		3.070	3.120	3.170	3.220	3.270	3.320,00	3.370	3.420	3.470	3.520	3.570
TIPO DE CAMBIO SIMULADO	21,30	8,46%	8,21%	7,97%	7,73%	7,50%	7,28%	7,06%	6,84%	6,63%	6,42%	6,22%
	21,35	8,50%	8,25%	8,01%	7,77%	7,54%	7,31%	7,09%	6,87%	6,66%	6,46%	6,25%
	21,40	8,53%	8,28%	8,04%	7,80%	7,57%	7,35%	7,13%	6,91%	6,70%	6,49%	6,29%
	21,45	8,57%	8,32%	8,08%	7,84%	7,61%	7,38%	7,16%	6,94%	6,73%	6,52%	6,32%
	21,50	8,60%	8,36%	8,11%	7,88%	7,64%	7,42%	7,19%	6,98%	6,76%	6,56%	6,35%
	21,55	8,64%	8,39%	8,15%	7,91%	7,68%	7,45%	7,23%	7,01%	6,80%	6,59%	6,39%
	21,60	8,68%	8,43%	8,18%	7,95%	7,71%	7,49%	7,26%	7,05%	6,83%	6,62%	6,42%
	21,65	8,71%	8,46%	8,22%	7,98%	7,75%	7,52%	7,30%	7,08%	6,87%	6,66%	6,45%
	21,70	8,75%	8,50%	8,25%	8,02%	7,78%	7,55%	7,33%	7,11%	6,90%	6,69%	6,49%
	21,75	8,78%	8,53%	8,29%	8,05%	7,82%	7,59%	7,37%	7,15%	6,93%	6,72%	6,52%
	21,80	8,82%	8,57%	8,32%	8,09%	7,85%	7,62%	7,40%	7,18%	6,97%	6,76%	6,55%
	21,85	8,86%	8,60%	8,36%	8,12%	7,89%	7,66%	7,43%	7,22%	7,00%	6,79%	6,59%
	21,90	8,89%	8,64%	8,39%	8,16%	7,92%	7,69%	7,47%	7,25%	7,03%	6,83%	6,62%
	21,95	8,93%	8,68%	8,43%	8,19%	7,96%	7,73%	7,50%	7,28%	7,07%	6,86%	6,65%
	22,00	8,96%	8,71%	8,46%	8,22%	7,99%	7,76%	7,54%	7,32%	7,10%	6,89%	6,69%
	22,05	9,00%	8,75%	8,50%	8,26%	8,02%	7,79%	7,57%	7,35%	7,14%	6,93%	6,72%
	22,10	9,03%	8,78%	8,53%	8,29%	8,06%	7,83%	7,60%	7,38%	7,17%	6,96%	6,75%
	22,15	9,07%	8,82%	8,57%	8,33%	8,09%	7,86%	7,64%	7,42%	7,20%	6,99%	6,78%
	22,20	9,10%	8,85%	8,60%	8,36%	8,13%	7,90%	7,67%	7,45%	7,24%	7,02%	6,82%
	22,25	9,14%	8,89%	8,64%	8,40%	8,16%	7,93%	7,71%	7,48%	7,27%	7,06%	6,85%
	22,30	9,18%	8,92%	8,67%	8,43%	8,20%	7,97%	7,74%	7,52%	7,30%	7,09%	6,88%

DICY – Bono Discount en dólares (ley New York)

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
4-may-18				Monto	%					Renta		Amortización		
3.340,00	pesos	7,53%	7,19x	140,20	100,00%	4,13	144,33	106,15%	8,280%	30-jun-2018	5,80	30-jun-2024	7,01	31-dic-2033

Tipo de cambio simulado: **21,80**

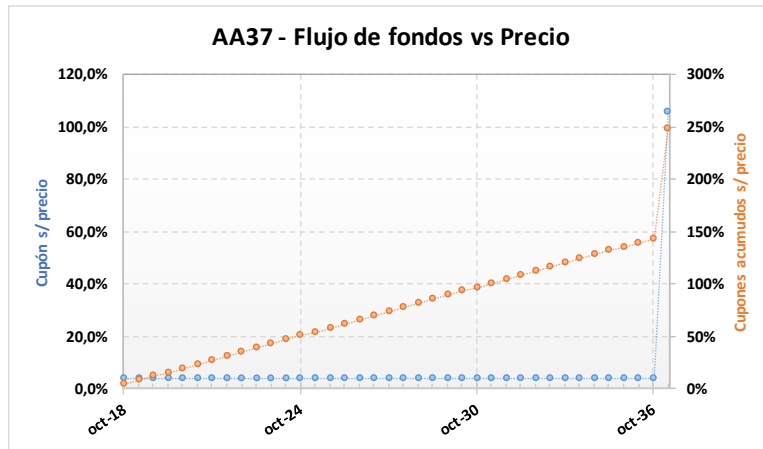


- DICY - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		3.090	3.140	3.190	3.240	3.290	3.340,00	3.390	3.440	3.490	3.540	3.590
TIPO DE CAMBIO SIMULADO	21,30	8,36%	8,12%	7,88%	7,64%	7,41%	7,19%	6,97%	6,76%	6,55%	6,34%	6,14%
	21,35	8,40%	8,15%	7,91%	7,68%	7,45%	7,22%	7,00%	6,79%	6,58%	6,37%	6,17%
	21,40	8,43%	8,19%	7,95%	7,71%	7,48%	7,26%	7,04%	6,82%	6,61%	6,41%	6,21%
	21,45	8,47%	8,22%	7,98%	7,75%	7,52%	7,29%	7,07%	6,86%	6,65%	6,44%	6,24%
	21,50	8,50%	8,26%	8,02%	7,78%	7,55%	7,33%	7,11%	6,89%	6,68%	6,47%	6,27%
	21,55	8,54%	8,29%	8,05%	7,82%	7,59%	7,36%	7,14%	6,93%	6,71%	6,51%	6,31%
	21,60	8,58%	8,33%	8,09%	7,85%	7,62%	7,40%	7,18%	6,96%	6,75%	6,54%	6,34%
	21,65	8,61%	8,36%	8,12%	7,89%	7,66%	7,43%	7,21%	6,99%	6,78%	6,58%	6,37%
	21,70	8,65%	8,40%	8,16%	7,92%	7,69%	7,46%	7,24%	7,03%	6,82%	6,61%	6,41%
	21,75	8,68%	8,44%	8,19%	7,96%	7,73%	7,50%	7,28%	7,06%	6,85%	6,64%	6,44%
	21,80	8,72%	8,47%	8,23%	7,99%	7,76%	7,53%	7,31%	7,10%	6,88%	6,68%	6,47%
	21,85	8,75%	8,51%	8,26%	8,03%	7,79%	7,57%	7,35%	7,13%	6,92%	6,71%	6,51%
	21,90	8,79%	8,54%	8,30%	8,06%	7,83%	7,60%	7,38%	7,16%	6,95%	6,74%	6,54%
	21,95	8,83%	8,58%	8,33%	8,10%	7,86%	7,64%	7,41%	7,20%	6,98%	6,78%	6,57%
	22,00	8,86%	8,61%	8,37%	8,13%	7,90%	7,67%	7,45%	7,23%	7,02%	6,81%	6,60%
	22,05	8,90%	8,65%	8,40%	8,16%	7,93%	7,70%	7,48%	7,26%	7,05%	6,84%	6,64%
	22,10	8,93%	8,68%	8,44%	8,20%	7,97%	7,74%	7,52%	7,30%	7,08%	6,88%	6,67%
	22,15	8,97%	8,72%	8,47%	8,23%	8,00%	7,77%	7,55%	7,33%	7,12%	6,91%	6,70%
	22,20	9,00%	8,75%	8,51%	8,27%	8,03%	7,81%	7,58%	7,36%	7,15%	6,94%	6,74%
	22,25	9,04%	8,79%	8,54%	8,30%	8,07%	7,84%	7,62%	7,40%	7,18%	6,97%	6,77%
	22,30	9,07%	8,82%	8,58%	8,34%	8,10%	7,87%	7,65%	7,43%	7,22%	7,01%	6,80%

AA37 – Bonos de la Nación Argentina en U\$S 7.625% - VTO. 2037

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
4-may-18				Monto	%					Renta		Amortización		
2.145,00	pesos	7,98%	10,19x	100,00	100,00%	0,42	100,42	97,98%	7,625%	18-oct-2018	3,81	18-abr-2037	100,00	18-abr-2037

Tipo de cambio simulado: 21,80

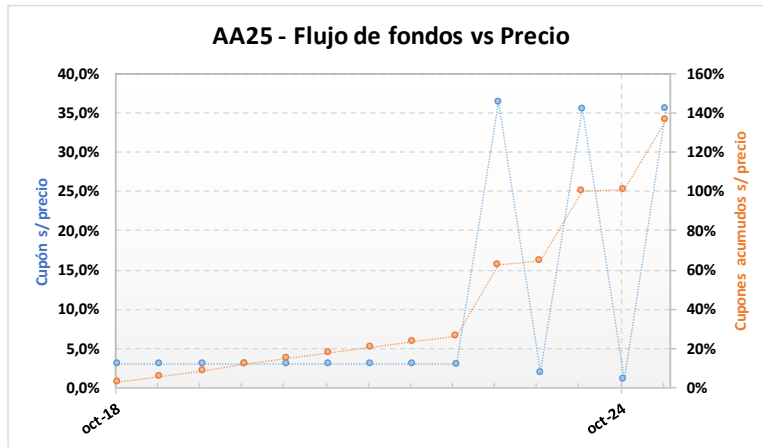


- AA37- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.895	1.945	1.995	2.045	2.095	2.145,00	2.195	2.245	2.295	2.345	2.395
TIPO DE CAMBIO SIMULADO	21,30	9,07%	8,78%	8,51%	8,24%	7,98%	7,73%	7,49%	7,26%	7,04%	6,82%	6,61%
	21,35	9,10%	8,81%	8,53%	8,26%	8,01%	7,76%	7,52%	7,29%	7,06%	6,85%	6,63%
	21,40	9,13%	8,84%	8,56%	8,29%	8,03%	7,78%	7,54%	7,31%	7,09%	6,87%	6,66%
	21,45	9,15%	8,86%	8,58%	8,31%	8,06%	7,81%	7,57%	7,33%	7,11%	6,89%	6,68%
	21,50	9,18%	8,89%	8,61%	8,34%	8,08%	7,83%	7,59%	7,36%	7,13%	6,92%	6,70%
	21,55	9,21%	8,91%	8,63%	8,37%	8,11%	7,86%	7,61%	7,38%	7,16%	6,94%	6,73%
	21,60	9,23%	8,94%	8,66%	8,39%	8,13%	7,88%	7,64%	7,41%	7,18%	6,96%	6,75%
	21,65	9,26%	8,97%	8,68%	8,42%	8,16%	7,90%	7,66%	7,43%	7,20%	6,99%	6,77%
	21,70	9,28%	8,99%	8,71%	8,44%	8,18%	7,93%	7,69%	7,45%	7,23%	7,01%	6,80%
	21,75	9,31%	9,02%	8,74%	8,47%	8,20%	7,95%	7,71%	7,48%	7,25%	7,03%	6,82%
	21,80	9,34%	9,04%	8,76%	8,49%	8,23%	7,98%	7,74%	7,50%	7,27%	7,06%	6,84%
	21,85	9,36%	9,07%	8,79%	8,51%	8,25%	8,00%	7,76%	7,52%	7,30%	7,08%	6,87%
	21,90	9,39%	9,09%	8,81%	8,54%	8,28%	8,03%	7,78%	7,55%	7,32%	7,10%	6,89%
	21,95	9,41%	9,12%	8,84%	8,56%	8,30%	8,05%	7,81%	7,57%	7,34%	7,12%	6,91%
	22,00	9,44%	9,14%	8,86%	8,59%	8,33%	8,07%	7,83%	7,60%	7,37%	7,15%	6,93%
	22,05	9,47%	9,17%	8,89%	8,61%	8,35%	8,10%	7,85%	7,62%	7,39%	7,17%	6,96%
	22,10	9,49%	9,20%	8,91%	8,64%	8,38%	8,12%	7,88%	7,64%	7,41%	7,19%	6,98%
	22,15	9,52%	9,22%	8,94%	8,66%	8,40%	8,15%	7,90%	7,67%	7,44%	7,22%	7,00%
	22,20	9,54%	9,25%	8,96%	8,69%	8,43%	8,17%	7,93%	7,69%	7,46%	7,24%	7,03%
	22,25	9,57%	9,27%	8,99%	8,71%	8,45%	8,20%	7,95%	7,71%	7,48%	7,26%	7,05%
	22,30	9,59%	9,30%	9,01%	8,74%	8,47%	8,22%	7,97%	7,74%	7,51%	7,29%	7,07%

AA25 – Bonos de la Nación Argentina en U\$S 5.75% - VTO. 2025

Precio del	Moneda de	TIREA en u\$s	Duration	Capital residual		Intereses	Valor técnico	Paridad	Tasa de	Próximo servicio				Vencimiento
4-may-18	cotización			Monto	%	corridos			cupón	Renta		Amortización		
2.145,00	pesos	6,23%	5,09x	100,00	100,00%	0,32	100,32	98,08%	5,750%	18-oct-2018	2,88	18-abr-2023	33,00	18-abr-2025

Tipo de cambio simulado: **21,80**



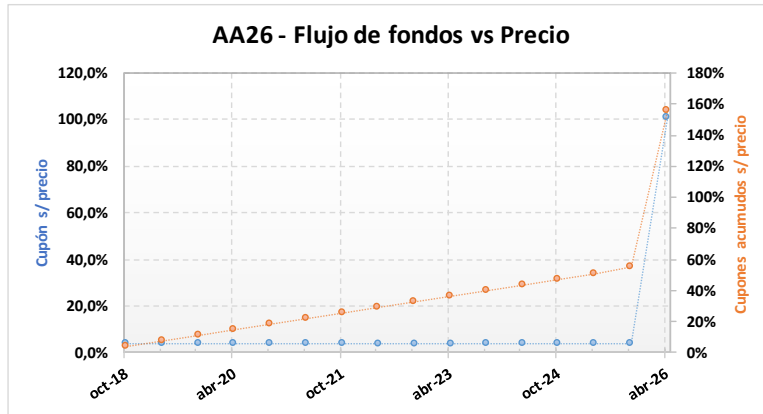
- AA25- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.895	1.945	1.995	2.045	2.095	2.145,00	2.195	2.245	2.295	2.345	2.395
TIPO DE CAMBIO SIMULADO	21,30	8,37%	7,81%	7,27%	6,74%	6,24%	5,75%	5,27%	4,81%	4,36%	3,93%	3,50%
	21,35	8,42%	7,86%	7,32%	6,79%	6,29%	5,80%	5,32%	4,86%	4,41%	3,97%	3,55%
	21,40	8,47%	7,91%	7,37%	6,84%	6,34%	5,84%	5,37%	4,91%	4,46%	4,02%	3,60%
	21,45	8,52%	7,96%	7,42%	6,89%	6,38%	5,89%	5,42%	4,95%	4,50%	4,07%	3,64%
	21,50	8,57%	8,01%	7,46%	6,94%	6,43%	5,94%	5,46%	5,00%	4,55%	4,11%	3,69%
	21,55	8,62%	8,06%	7,51%	6,99%	6,48%	5,99%	5,51%	5,05%	4,60%	4,16%	3,74%
	21,60	8,67%	8,11%	7,56%	7,04%	6,53%	6,04%	5,56%	5,10%	4,65%	4,21%	3,78%
	21,65	8,72%	8,16%	7,61%	7,09%	6,58%	6,09%	5,61%	5,14%	4,69%	4,25%	3,83%
	21,70	8,77%	8,21%	7,66%	7,14%	6,63%	6,13%	5,65%	5,19%	4,74%	4,30%	3,87%
	21,75	8,82%	8,26%	7,71%	7,18%	6,68%	6,18%	5,70%	5,24%	4,79%	4,35%	3,92%
	21,80	8,87%	8,30%	7,76%	7,23%	6,72%	6,23%	5,75%	5,29%	4,83%	4,39%	3,97%
	21,85	8,92%	8,35%	7,81%	7,28%	6,77%	6,28%	5,80%	5,33%	4,88%	4,44%	4,01%
	21,90	8,97%	8,40%	7,86%	7,33%	6,82%	6,32%	5,85%	5,38%	4,93%	4,49%	4,06%
	21,95	9,02%	8,45%	7,91%	7,38%	6,87%	6,37%	5,89%	5,43%	4,97%	4,53%	4,11%
	22,00	9,07%	8,50%	7,96%	7,43%	6,92%	6,42%	5,94%	5,47%	5,02%	4,58%	4,15%
	22,05	9,12%	8,55%	8,00%	7,48%	6,96%	6,47%	5,99%	5,52%	5,07%	4,63%	4,20%
	22,10	9,17%	8,60%	8,05%	7,52%	7,01%	6,52%	6,03%	5,57%	5,11%	4,67%	4,24%
	22,15	9,21%	8,65%	8,10%	7,57%	7,06%	6,56%	6,08%	5,61%	5,16%	4,72%	4,29%
	22,20	9,26%	8,70%	8,15%	7,62%	7,11%	6,61%	6,13%	5,66%	5,21%	4,76%	4,34%
	22,25	9,31%	8,75%	8,20%	7,67%	7,15%	6,66%	6,17%	5,71%	5,25%	4,81%	4,38%
	22,30	9,36%	8,79%	8,25%	7,72%	7,20%	6,70%	6,22%	5,75%	5,30%	4,86%	4,43%



AA26 – Bono internacional de la Rep. Arg. en u\$s 7.5% - 2026

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
4-may-18				Monto	%					Renta		Amortización		
2.239,95	pesos	7,22%	6,14x	100,00	100,00%	0,33	100,33	102,41%	7,500%	22-oct-2018	3,75	22-abr-2026	100,00	22-abr-2026

Tipo de cambio simulado: **21,80**



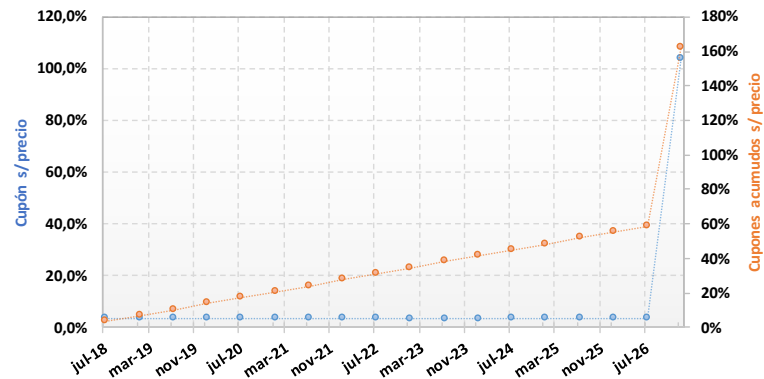
- AA26- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.115	2.140	2.165	2.190	2.215	2.239,95	2.265	2.290	2.315	2.340	2.365
TIPO DE CAMBIO SIMULADO	21,30	7,82%	7,61%	7,41%	7,20%	7,01%	6,81%	6,62%	6,43%	6,24%	6,06%	5,88%
	21,35	7,86%	7,65%	7,45%	7,25%	7,05%	6,85%	6,66%	6,47%	6,29%	6,10%	5,92%
	21,40	7,90%	7,69%	7,49%	7,29%	7,09%	6,89%	6,70%	6,51%	6,33%	6,14%	5,96%
	21,45	7,94%	7,73%	7,53%	7,33%	7,13%	6,93%	6,74%	6,55%	6,37%	6,18%	6,00%
	21,50	7,98%	7,77%	7,57%	7,37%	7,17%	6,97%	6,78%	6,59%	6,41%	6,22%	6,04%
	21,55	8,02%	7,81%	7,61%	7,41%	7,21%	7,02%	6,82%	6,63%	6,45%	6,26%	6,08%
	21,60	8,06%	7,86%	7,65%	7,45%	7,25%	7,06%	6,86%	6,67%	6,49%	6,30%	6,12%
	21,65	8,10%	7,90%	7,69%	7,49%	7,29%	7,10%	6,90%	6,71%	6,52%	6,34%	6,16%
	21,70	8,15%	7,94%	7,73%	7,53%	7,33%	7,14%	6,94%	6,75%	6,56%	6,38%	6,20%
	21,75	8,19%	7,98%	7,77%	7,57%	7,37%	7,18%	6,98%	6,79%	6,60%	6,42%	6,24%
	21,80	8,23%	8,02%	7,81%	7,61%	7,41%	7,22%	7,02%	6,83%	6,64%	6,46%	6,28%
	21,85	8,27%	8,06%	7,85%	7,65%	7,45%	7,26%	7,06%	6,87%	6,68%	6,50%	6,32%
	21,90	8,31%	8,10%	7,89%	7,69%	7,49%	7,30%	7,10%	6,91%	6,72%	6,54%	6,35%
	21,95	8,35%	8,14%	7,93%	7,73%	7,53%	7,34%	7,14%	6,95%	6,76%	6,58%	6,39%
	22,00	8,39%	8,18%	7,97%	7,77%	7,57%	7,38%	7,18%	6,99%	6,80%	6,62%	6,43%
	22,05	8,43%	8,22%	8,01%	7,81%	7,61%	7,42%	7,22%	7,03%	6,84%	6,66%	6,47%
	22,10	8,47%	8,26%	8,06%	7,85%	7,65%	7,45%	7,26%	7,07%	6,88%	6,69%	6,51%
	22,15	8,51%	8,30%	8,10%	7,89%	7,69%	7,49%	7,30%	7,11%	6,92%	6,73%	6,55%
	22,20	8,55%	8,34%	8,14%	7,93%	7,73%	7,53%	7,34%	7,15%	6,96%	6,77%	6,59%
	22,25	8,59%	8,38%	8,18%	7,97%	7,77%	7,57%	7,38%	7,19%	7,00%	6,81%	6,63%
	22,30	8,63%	8,42%	8,22%	8,01%	7,81%	7,61%	7,42%	7,23%	7,04%	6,85%	6,67%

A2E7 – Bonar 2027 (Ley NY)

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
4-may-18				Monto	%					Renta		Amortización		
2.175,00	pesos	7,34%	6,55x	100,00	100,00%	1,95	101,95	97,86%	6,875%	26-jul-2018	3,44	26-ene-2027	100,00	26-ene-2027

Tipo de cambio simulado: 21,80

A2E7 - Flujo de fondos vs Precio



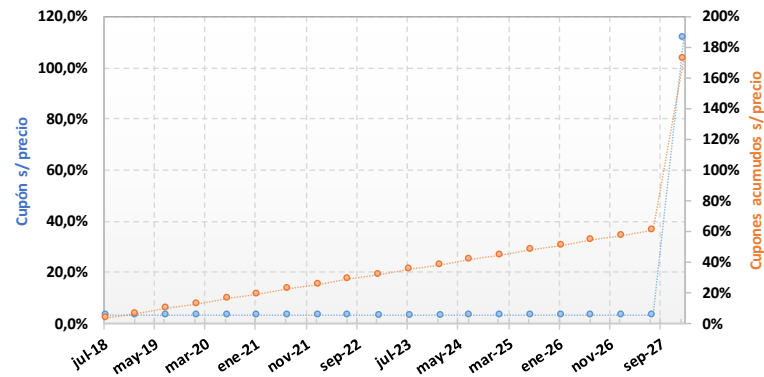
-A2E7- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.925	1.975	2.025	2.075	2.125	2.175,00	2.225	2.275	2.325	2.375	2.425
TIPO DE CAMBIO SIMULADO	21,30	8,98%	8,55%	8,13%	7,73%	7,34%	6,96%	6,59%	6,23%	5,89%	5,55%	5,22%
	21,35	9,02%	8,59%	8,17%	7,77%	7,37%	6,99%	6,63%	6,27%	5,92%	5,59%	5,26%
	21,40	9,06%	8,63%	8,21%	7,81%	7,41%	7,03%	6,66%	6,31%	5,96%	5,62%	5,29%
	21,45	9,10%	8,67%	8,25%	7,84%	7,45%	7,07%	6,70%	6,34%	6,00%	5,66%	5,33%
	21,50	9,14%	8,71%	8,29%	7,88%	7,49%	7,11%	6,74%	6,38%	6,03%	5,70%	5,37%
	21,55	9,18%	8,75%	8,33%	7,92%	7,53%	7,15%	6,78%	6,42%	6,07%	5,73%	5,40%
	21,60	9,22%	8,79%	8,37%	7,96%	7,57%	7,18%	6,81%	6,46%	6,11%	5,77%	5,44%
	21,65	9,26%	8,83%	8,40%	8,00%	7,60%	7,22%	6,85%	6,49%	6,15%	5,81%	5,48%
	21,70	9,30%	8,87%	8,44%	8,04%	7,64%	7,26%	6,89%	6,53%	6,18%	5,84%	5,51%
	21,75	9,34%	8,90%	8,48%	8,07%	7,68%	7,30%	6,93%	6,57%	6,22%	5,88%	5,55%
	21,80	9,38%	8,94%	8,52%	8,11%	7,72%	7,34%	6,96%	6,60%	6,26%	5,92%	5,59%
	21,85	9,42%	8,98%	8,56%	8,15%	7,76%	7,37%	7,00%	6,64%	6,29%	5,95%	5,62%
	21,90	9,46%	9,02%	8,60%	8,19%	7,79%	7,41%	7,04%	6,68%	6,33%	5,99%	5,66%
	21,95	9,50%	9,06%	8,64%	8,23%	7,83%	7,45%	7,08%	6,72%	6,37%	6,03%	5,69%
	22,00	9,54%	9,10%	8,67%	8,27%	7,87%	7,49%	7,11%	6,75%	6,40%	6,06%	5,73%
	22,05	9,58%	9,14%	8,71%	8,30%	7,91%	7,52%	7,15%	6,79%	6,44%	6,10%	5,77%
	22,10	9,61%	9,18%	8,75%	8,34%	7,94%	7,56%	7,19%	6,83%	6,47%	6,13%	5,80%
	22,15	9,65%	9,21%	8,79%	8,38%	7,98%	7,60%	7,22%	6,86%	6,51%	6,17%	5,84%
	22,20	9,69%	9,25%	8,83%	8,42%	8,02%	7,63%	7,26%	6,90%	6,55%	6,21%	5,87%
	22,25	9,73%	9,29%	8,87%	8,45%	8,06%	7,67%	7,30%	6,94%	6,58%	6,24%	5,91%
	22,30	9,77%	9,33%	8,90%	8,49%	8,09%	7,71%	7,33%	6,97%	6,62%	6,28%	5,95%

A2E8 – Bonar 2028 (Ley NY)

Precio del	Moneda de cotización	TIREA en pesos	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
4-may-18				Monto	%					Renta		Amortización		
2.004,75	pesos	7,45%	7,24x	100,00	100,00%	1,91	101,91	90,24%	5,875%	11-jul-2018	2,94	11-ene-2028	100,00	

Tipo de cambio simulado: 21,80

A2E8 - Flujo de fondos vs Precio

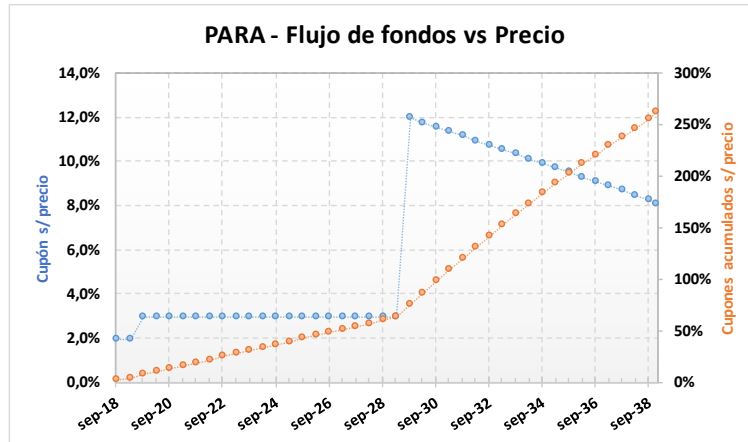


-A2E8- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.750	1.800	1.850	1.900	1.950	2.004,75	2.050	2.100	2.150	2.200	2.250
TIPO DE CAMBIO SIMULADO	21,30	9,16%	8,73%	8,31%	7,91%	7,52%	7,11%	6,78%	6,43%	6,09%	5,76%	5,44%
	21,35	9,20%	8,76%	8,34%	7,94%	7,55%	7,14%	6,82%	6,46%	6,12%	5,79%	5,47%
	21,40	9,23%	8,80%	8,38%	7,98%	7,59%	7,18%	6,85%	6,50%	6,16%	5,83%	5,51%
	21,45	9,27%	8,83%	8,42%	8,01%	7,62%	7,21%	6,88%	6,53%	6,19%	5,86%	5,54%
	21,50	9,30%	8,87%	8,45%	8,05%	7,66%	7,25%	6,92%	6,57%	6,23%	5,89%	5,57%
	21,55	9,34%	8,91%	8,49%	8,08%	7,69%	7,28%	6,95%	6,60%	6,26%	5,93%	5,61%
	21,60	9,38%	8,94%	8,52%	8,12%	7,73%	7,32%	6,99%	6,63%	6,29%	5,96%	5,64%
	21,65	9,41%	8,98%	8,56%	8,15%	7,76%	7,35%	7,02%	6,67%	6,33%	5,99%	5,67%
	21,70	9,45%	9,01%	8,59%	8,19%	7,80%	7,38%	7,05%	6,70%	6,36%	6,03%	5,71%
	21,75	9,48%	9,05%	8,63%	8,22%	7,83%	7,42%	7,09%	6,74%	6,39%	6,06%	5,74%
	21,80	9,52%	9,08%	8,66%	8,26%	7,87%	7,45%	7,12%	6,77%	6,43%	6,09%	5,77%
	21,85	9,56%	9,12%	8,70%	8,29%	7,90%	7,49%	7,16%	6,80%	6,46%	6,13%	5,80%
	21,90	9,59%	9,15%	8,73%	8,33%	7,93%	7,52%	7,19%	6,84%	6,49%	6,16%	5,84%
	21,95	9,63%	9,19%	8,77%	8,36%	7,97%	7,55%	7,22%	6,87%	6,53%	6,19%	5,87%
	22,00	9,66%	9,22%	8,80%	8,40%	8,00%	7,59%	7,26%	6,90%	6,56%	6,23%	5,90%
	22,05	9,70%	9,26%	8,84%	8,43%	8,04%	7,62%	7,29%	6,94%	6,59%	6,26%	5,93%
	22,10	9,73%	9,29%	8,87%	8,46%	8,07%	7,66%	7,32%	6,97%	6,62%	6,29%	5,97%
	22,15	9,77%	9,33%	8,91%	8,50%	8,11%	7,69%	7,36%	7,00%	6,66%	6,32%	6,00%
	22,20	9,80%	9,36%	8,94%	8,53%	8,14%	7,72%	7,39%	7,04%	6,69%	6,36%	6,03%
	22,25	9,84%	9,40%	8,98%	8,57%	8,17%	7,76%	7,42%	7,07%	6,72%	6,39%	6,06%
	22,30	9,87%	9,43%	9,01%	8,60%	8,21%	7,79%	7,46%	7,10%	6,76%	6,42%	6,10%

PARA – Bono Par en dólares (ley argentina)

Precio del	Moneda de	TIREA en u\$s	Duration	Capital residual		Intereses	Valor técnico	Paridad	Tasa de	Próximo servicio				Vencimiento
4-may-18	cotización			Monto	%	corridos			cupón	Renta		Amortización		
1.390,00	pesos	8,19%	11,04x	100,00	100,00%	0,26	100,26	63,59%	2,500%	30-sep-2018	1,25	30-sep-2029	5,00	

Tipo de cambio simulado: 21,80

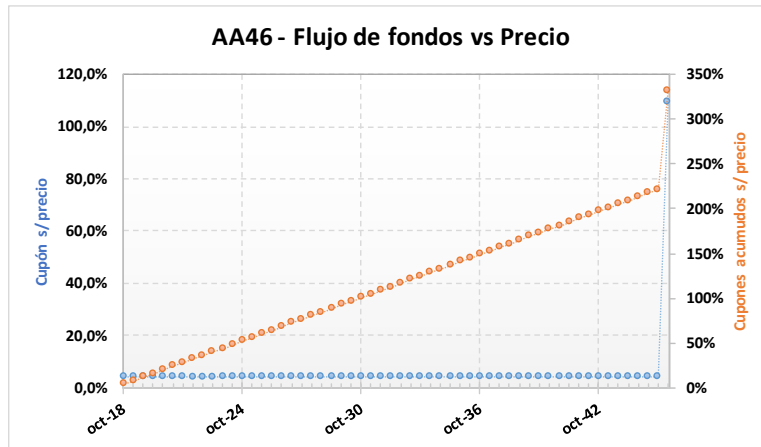


- PARA - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.265	1.290	1.315	1.340	1.365	1.390,00	1.415	1.440	1.465	1.490	1.515
TIPO DE CAMBIO SIMULADO	21,30	8,90%	8,70%	8,51%	8,32%	8,14%	7,96%	7,79%	7,62%	7,46%	7,30%	7,14%
	21,35	8,92%	8,72%	8,53%	8,35%	8,16%	7,99%	7,81%	7,65%	7,48%	7,32%	7,16%
	21,40	8,94%	8,75%	8,56%	8,37%	8,19%	8,01%	7,84%	7,67%	7,50%	7,34%	7,18%
	21,45	8,97%	8,77%	8,58%	8,39%	8,21%	8,03%	7,86%	7,69%	7,53%	7,36%	7,21%
	21,50	8,99%	8,79%	8,60%	8,41%	8,23%	8,06%	7,88%	7,71%	7,55%	7,39%	7,23%
	21,55	9,01%	8,82%	8,62%	8,44%	8,26%	8,08%	7,90%	7,74%	7,57%	7,41%	7,25%
	21,60	9,04%	8,84%	8,65%	8,46%	8,28%	8,10%	7,93%	7,76%	7,59%	7,43%	7,27%
	21,65	9,06%	8,86%	8,67%	8,48%	8,30%	8,12%	7,95%	7,78%	7,61%	7,45%	7,29%
	21,70	9,08%	8,89%	8,69%	8,51%	8,32%	8,15%	7,97%	7,80%	7,64%	7,47%	7,32%
	21,75	9,11%	8,91%	8,72%	8,53%	8,35%	8,17%	7,99%	7,82%	7,66%	7,50%	7,34%
	21,80	9,13%	8,93%	8,74%	8,55%	8,37%	8,19%	8,02%	7,85%	7,68%	7,52%	7,36%
	21,85	9,15%	8,96%	8,76%	8,57%	8,39%	8,21%	8,04%	7,87%	7,70%	7,54%	7,38%
	21,90	9,18%	8,98%	8,79%	8,60%	8,41%	8,24%	8,06%	7,89%	7,72%	7,56%	7,40%
	21,95	9,20%	9,00%	8,81%	8,62%	8,44%	8,26%	8,08%	7,91%	7,75%	7,58%	7,42%
	22,00	9,22%	9,02%	8,83%	8,64%	8,46%	8,28%	8,11%	7,94%	7,77%	7,61%	7,45%
	22,05	9,25%	9,05%	8,85%	8,67%	8,48%	8,30%	8,13%	7,96%	7,79%	7,63%	7,47%
	22,10	9,27%	9,07%	8,88%	8,69%	8,50%	8,32%	8,15%	7,98%	7,81%	7,65%	7,49%
	22,15	9,29%	9,09%	8,90%	8,71%	8,53%	8,35%	8,17%	8,00%	7,83%	7,67%	7,51%
	22,20	9,32%	9,12%	8,92%	8,73%	8,55%	8,37%	8,19%	8,02%	7,86%	7,69%	7,53%
	22,25	9,34%	9,14%	8,94%	8,76%	8,57%	8,39%	8,22%	8,04%	7,88%	7,71%	7,55%
	22,30	9,36%	9,16%	8,97%	8,78%	8,59%	8,41%	8,24%	8,07%	7,90%	7,74%	7,58%

AA46 – Bono internacional de la Rep. Arg. en u\$s 7.625% - 2046

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
4-may-18				Monto	%					Renta		Amortización		
2.066,64	pesos	8,29%	11,51x	100,00	100,00%	0,34	100,34	94,48%	7,625%	22-oct-2018	3,81	22-abr-2046	100,00	22-abr-2046

Tipo de cambio simulado: 21,80

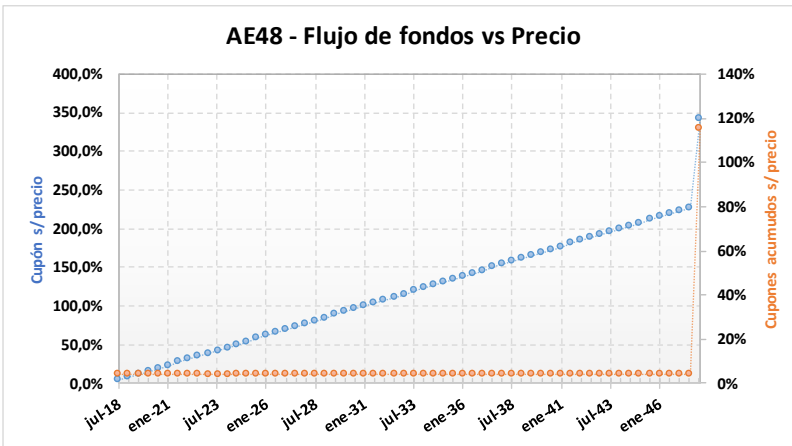


- AA46- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.815	1.865	1.915	1.965	2.015	2.066,64	2.115	2.165	2.215	2.265	2.315
TIPO DE CAMBIO SIMULADO	21,30	9,33%	9,06%	8,80%	8,55%	8,31%	8,07%	7,86%	7,65%	7,44%	7,25%	7,06%
	21,35	9,35%	9,08%	8,82%	8,57%	8,33%	8,09%	7,88%	7,67%	7,46%	7,27%	7,08%
	21,40	9,38%	9,10%	8,84%	8,59%	8,35%	8,11%	7,90%	7,69%	7,49%	7,29%	7,10%
	21,45	9,40%	9,13%	8,86%	8,61%	8,37%	8,14%	7,92%	7,71%	7,51%	7,31%	7,12%
	21,50	9,43%	9,15%	8,89%	8,64%	8,40%	8,16%	7,94%	7,73%	7,53%	7,33%	7,14%
	21,55	9,45%	9,17%	8,91%	8,66%	8,42%	8,18%	7,97%	7,75%	7,55%	7,35%	7,16%
	21,60	9,47%	9,20%	8,93%	8,68%	8,44%	8,20%	7,99%	7,77%	7,57%	7,37%	7,18%
	21,65	9,50%	9,22%	8,96%	8,70%	8,46%	8,22%	8,01%	7,79%	7,59%	7,39%	7,20%
	21,70	9,52%	9,24%	8,98%	8,73%	8,48%	8,24%	8,03%	7,81%	7,61%	7,41%	7,22%
	21,75	9,54%	9,27%	9,00%	8,75%	8,51%	8,27%	8,05%	7,84%	7,63%	7,43%	7,24%
	21,80	9,57%	9,29%	9,02%	8,77%	8,53%	8,29%	8,07%	7,86%	7,65%	7,45%	7,26%
	21,85	9,59%	9,31%	9,05%	8,79%	8,55%	8,31%	8,09%	7,88%	7,67%	7,47%	7,28%
	21,90	9,62%	9,34%	9,07%	8,82%	8,57%	8,33%	8,11%	7,90%	7,69%	7,49%	7,30%
	21,95	9,64%	9,36%	9,09%	8,84%	8,59%	8,35%	8,14%	7,92%	7,71%	7,51%	7,32%
	22,00	9,66%	9,38%	9,12%	8,86%	8,62%	8,37%	8,16%	7,94%	7,73%	7,53%	7,34%
	22,05	9,69%	9,41%	9,14%	8,88%	8,64%	8,40%	8,18%	7,96%	7,75%	7,55%	7,36%
	22,10	9,71%	9,43%	9,16%	8,90%	8,66%	8,42%	8,20%	7,98%	7,77%	7,57%	7,38%
	22,15	9,73%	9,45%	9,18%	8,93%	8,68%	8,44%	8,22%	8,00%	7,79%	7,59%	7,40%
	22,20	9,76%	9,48%	9,21%	8,95%	8,70%	8,46%	8,24%	8,02%	7,81%	7,61%	7,42%
	22,25	9,78%	9,50%	9,23%	8,97%	8,72%	8,48%	8,26%	8,04%	7,83%	7,63%	7,44%
	22,30	9,80%	9,52%	9,25%	8,99%	8,75%	8,50%	8,28%	8,07%	7,86%	7,65%	7,46%

AE48 – Bonar 2048 (Ley NY)

Precio del	Moneda de	TIREA en	Duration	Capital residual		Intereses	Valor técnico	Paridad	Tasa de	Próximo servicio				Vencimiento
4-may-18	cotización	pesos		Monto	%	corridos			cupón	Renta		Amortización		
1.950,00	pesos	8,16%	11,72x	100,00	100,00%	2,23	102,23	87,49%	6,875%	11-jul-2018	3,44	11-ene-2048	100,00	11-ene-2048

Tipo de cambio simulado: **21,80**



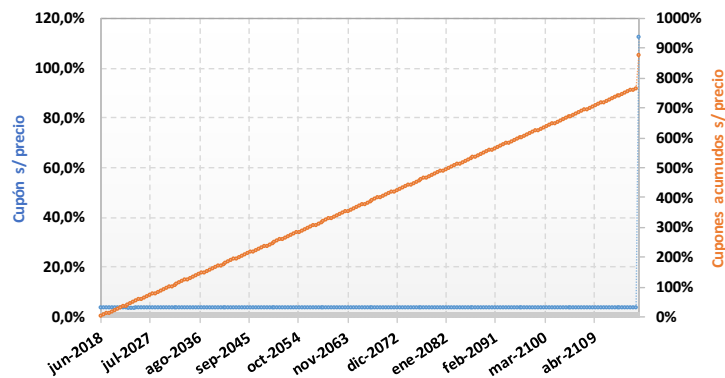
-AE48- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.700	1.750	1.800	1.850	1.900	1.950,00	2.000	2.050	2.100	2.150	2.200
TIPO DE CAMBIO SIMULADO	21,30	9,26%	8,97%	8,70%	8,44%	8,19%	7,95%	7,72%	7,50%	7,29%	7,09%	6,90%
	21,35	9,28%	8,99%	8,72%	8,46%	8,21%	7,97%	7,74%	7,52%	7,31%	7,11%	6,92%
	21,40	9,31%	9,02%	8,74%	8,48%	8,23%	7,99%	7,76%	7,54%	7,33%	7,13%	6,94%
	21,45	9,33%	9,04%	8,76%	8,50%	8,25%	8,01%	7,78%	7,56%	7,35%	7,15%	6,96%
	21,50	9,35%	9,06%	8,79%	8,52%	8,27%	8,03%	7,80%	7,58%	7,37%	7,17%	6,98%
	21,55	9,38%	9,09%	8,81%	8,55%	8,29%	8,05%	7,83%	7,61%	7,39%	7,19%	7,00%
	21,60	9,40%	9,11%	8,83%	8,57%	8,32%	8,08%	7,85%	7,63%	7,41%	7,21%	7,02%
	21,65	9,43%	9,13%	8,85%	8,59%	8,34%	8,10%	7,87%	7,65%	7,43%	7,23%	7,04%
	21,70	9,45%	9,16%	8,88%	8,61%	8,36%	8,12%	7,89%	7,67%	7,45%	7,25%	7,06%
	21,75	9,47%	9,18%	8,90%	8,63%	8,38%	8,14%	7,91%	7,69%	7,47%	7,27%	7,08%
	21,80	9,50%	9,20%	8,92%	8,66%	8,40%	8,16%	7,93%	7,71%	7,50%	7,29%	7,09%
	21,85	9,52%	9,22%	8,94%	8,68%	8,42%	8,18%	7,95%	7,73%	7,52%	7,31%	7,11%
	21,90	9,54%	9,25%	8,97%	8,70%	8,45%	8,20%	7,97%	7,75%	7,54%	7,33%	7,13%
	21,95	9,57%	9,27%	8,99%	8,72%	8,47%	8,22%	7,99%	7,77%	7,56%	7,35%	7,15%
	22,00	9,59%	9,29%	9,01%	8,74%	8,49%	8,25%	8,01%	7,79%	7,58%	7,37%	7,17%
	22,05	9,61%	9,32%	9,03%	8,77%	8,51%	8,27%	8,03%	7,81%	7,60%	7,39%	7,19%
	22,10	9,64%	9,34%	9,06%	8,79%	8,53%	8,29%	8,05%	7,83%	7,62%	7,41%	7,21%
	22,15	9,66%	9,36%	9,08%	8,81%	8,55%	8,31%	8,07%	7,85%	7,64%	7,43%	7,23%
	22,20	9,68%	9,39%	9,10%	8,83%	8,57%	8,33%	8,09%	7,87%	7,66%	7,45%	7,25%
	22,25	9,71%	9,41%	9,12%	8,85%	8,60%	8,35%	8,12%	7,89%	7,67%	7,47%	7,27%
	22,30	9,73%	9,43%	9,15%	8,88%	8,62%	8,37%	8,14%	7,91%	7,69%	7,49%	7,29%

AC17 – Bonar 2117 (Ley NY)

Precio del	Moneda de cotización	TIREA en pesos	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
4-may-18				Monto	%					Renta		Amortización		
2.002,00	pesos	8,13%	12,68x	100,00	100,00%	2,57	102,57	89,53%	7,125%	28-jun-2018	3,56	28-jun-2117	100,00	

Tipo de cambio simulado: 21,80

AC17 - Flujo de fondos vs Precio



- AC17- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.950	1.960	1.970	1.980	1.990	2.002,00	2.010	2.020	2.030	2.040	2.050
TIPO DE CAMBIO SIMULADO	21,30	8,16%	8,12%	8,07%	8,03%	7,99%	7,94%	7,91%	7,86%	7,82%	7,78%	7,74%
	21,35	8,18%	8,14%	8,09%	8,05%	8,01%	7,96%	7,92%	7,88%	7,84%	7,80%	7,76%
	21,40	8,20%	8,16%	8,11%	8,07%	8,03%	7,98%	7,94%	7,90%	7,86%	7,82%	7,78%
	21,45	8,22%	8,18%	8,13%	8,09%	8,05%	8,00%	7,96%	7,92%	7,88%	7,84%	7,80%
	21,50	8,24%	8,20%	8,15%	8,11%	8,07%	8,02%	7,98%	7,94%	7,90%	7,86%	7,82%
	21,55	8,26%	8,22%	8,17%	8,13%	8,09%	8,04%	8,00%	7,96%	7,92%	7,88%	7,84%
	21,60	8,28%	8,24%	8,19%	8,15%	8,11%	8,06%	8,02%	7,98%	7,94%	7,90%	7,86%
	21,65	8,30%	8,26%	8,21%	8,17%	8,13%	8,08%	8,04%	8,00%	7,96%	7,92%	7,88%
	21,70	8,32%	8,28%	8,23%	8,19%	8,15%	8,09%	8,06%	8,02%	7,98%	7,94%	7,90%
	21,75	8,34%	8,30%	8,25%	8,21%	8,17%	8,11%	8,08%	8,04%	8,00%	7,96%	7,92%
	21,80	8,36%	8,32%	8,27%	8,23%	8,19%	8,13%	8,10%	8,06%	8,02%	7,97%	7,93%
	21,85	8,38%	8,34%	8,29%	8,25%	8,20%	8,15%	8,12%	8,08%	8,04%	7,99%	7,95%
	21,90	8,40%	8,36%	8,31%	8,27%	8,22%	8,17%	8,14%	8,10%	8,05%	8,01%	7,97%
	21,95	8,42%	8,38%	8,33%	8,29%	8,24%	8,19%	8,16%	8,12%	8,07%	8,03%	7,99%
	22,00	8,44%	8,40%	8,35%	8,31%	8,26%	8,21%	8,18%	8,14%	8,09%	8,05%	8,01%
	22,05	8,46%	8,42%	8,37%	8,33%	8,28%	8,23%	8,20%	8,15%	8,11%	8,07%	8,03%
	22,10	8,48%	8,44%	8,39%	8,35%	8,30%	8,25%	8,22%	8,17%	8,13%	8,09%	8,05%
	22,15	8,50%	8,46%	8,41%	8,37%	8,32%	8,27%	8,24%	8,19%	8,15%	8,11%	8,07%
	22,20	8,52%	8,48%	8,43%	8,39%	8,34%	8,29%	8,26%	8,21%	8,17%	8,13%	8,09%
	22,25	8,54%	8,50%	8,45%	8,41%	8,36%	8,31%	8,28%	8,23%	8,19%	8,15%	8,11%
	22,30	8,56%	8,52%	8,47%	8,43%	8,38%	8,33%	8,29%	8,25%	8,21%	8,17%	8,13%