

PRECIOS EN PESOS

Precios del 9-feb-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)

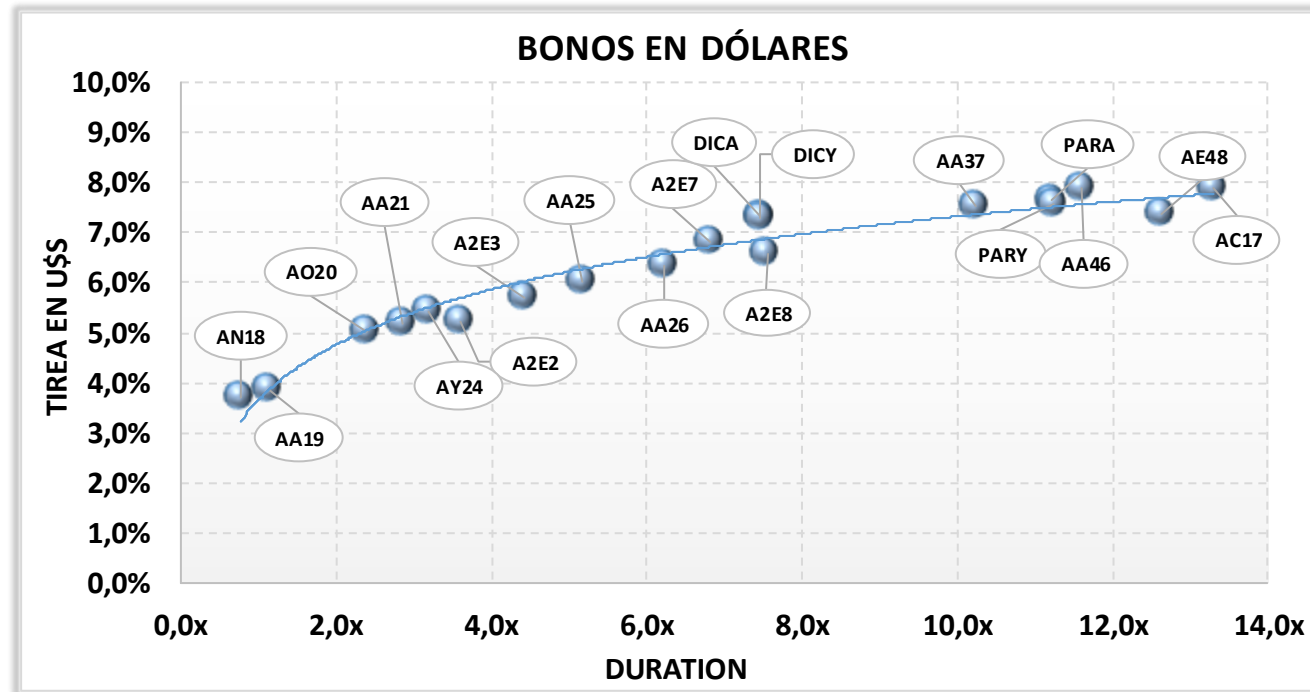
AN18	2.135,00	pesos	2,76%	0,8x	100,00	100,00%	1,90	101,90	104,76%	9,000%	29-may-2018	4,50	29-nov-2018	100,00	29-nov-2018
AA19	2.095,20	pesos	3,86%	1,1x	100,00	100,00%	1,96	101,96	102,74%	6,250%	22-abr-2018	3,13	22-abr-2019	100,00	22-abr-2019
A020	2.223,00	pesos	4,67%	2,4x	100,00	100,00%	2,82	102,82	108,10%	8,000%	8-abr-2018	4,00	8-oct-2020	100,00	8-oct-2020
AA21	2.146,00	pesos	5,17%	2,9x	100,00	100,00%	2,16	102,16	105,03%	6,875%	22-abr-2018	3,44	22-abr-2021	100,00	22-abr-2021
AY24	2.282,00	pesos	5,26%	4,0x	100,00	100,00%	2,38	102,38	111,45%	8,750%	7-may-2018	4,38	7-may-2019	16,66	7-may-2024
A2E2	2.055,00	pesos	4,99%	3,6x	100,00	100,00%	0,30	100,30	102,45%	5,625%	26-jul-2018	2,81	26-ene-2022	100,00	26-ene-2022
A2E3	1.925,00	pesos	5,69%	4,4x	100,00	100,00%	0,44	100,44	95,83%	4,625%	11-jul-2018	2,31	11-ene-2023	100,00	11-ene-2023
AA25	2.069,50	pesos	5,51%	5,2x	100,00	100,00%	1,87	101,87	101,58%	5,750%	18-abr-2018	2,88	18-abr-2023	33,00	18-abr-2025
AA26	2.167,00	pesos	6,65%	6,2x	100,00	100,00%	2,35	102,35	105,86%	7,500%	22-abr-2018	3,75	22-abr-2026	100,00	22-abr-2026
A2E7	2.050,00	pesos	6,66%	6,8x	100,00	100,00%	0,36	100,36	102,13%	6,875%	26-jul-2018	3,44	26-ene-2027	100,00	26-ene-2027
A2E8	1.925,00	pesos	6,57%	7,5x	100,00	100,00%	0,55	100,55	95,72%	5,875%	11-jul-2018	2,94	11-ene-2028	100,00	11-ene-2028
DICA	3.080,00	pesos	7,22%	7,5x	140,20	100,00%	1,45	141,65	108,71%	8,280%	30-jun-2018	5,80	30-jun-2024	7,01	31-dic-2033
DICY	3.080,00	pesos	7,22%	7,5x	140,20	100,00%	1,45	141,65	108,71%	8,280%	30-jun-2018	5,80	30-jun-2024	7,01	31-dic-2033
AA37	2.100,00	pesos	7,51%	10,2x	100,00	100,00%	2,48	102,48	102,46%	7,625%	18-abr-2018	3,81	18-abr-2037	100,00	18-abr-2037
PARA	1.345,00	pesos	7,69%	11,2x	100,00	100,00%	0,94	100,94	66,63%	2,500%	31-mar-2018	1,25	30-sep-2029	5,00	31-dic-2038
AA46	2.022,00	pesos	7,88%	11,6x	100,00	100,00%	2,39	102,39	98,74%	7,625%	22-abr-2018	3,81	22-abr-2046	100,00	22-abr-2046
AE48	1.925,00	pesos	7,36%	12,6x	100,00	100,00%	0,65	100,65	95,63%	6,875%	11-jul-2018	3,44	11-ene-2048	100,00	11-ene-2048
AC17	1.877,00	pesos	7,81%	13,4x	100,00	100,00%	0,93	100,93	92,99%	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 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 15.02.2018

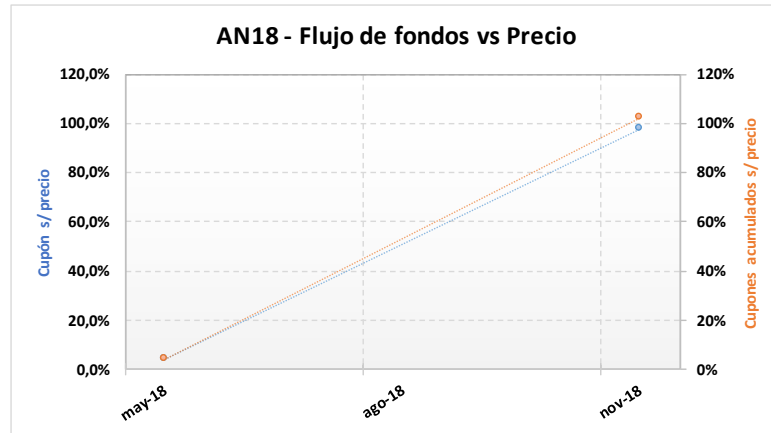
(a) Tipo de cambio BNA Prom. C/V: **\$/u\$s 20,00** La TIR está expresada en u\$s.



AN18 – Bonar 2018

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
9-feb-18				Monto	%					Renta		Amortización		
2.135,00	pesos	2,76%	0,77x	100,00	100,00%	1,90	101,90	104,76%	9,000%	29-may-2018	4,50	29-nov-2018	100,00	29-nov-2018

Tipo de cambio simulado: 20,00

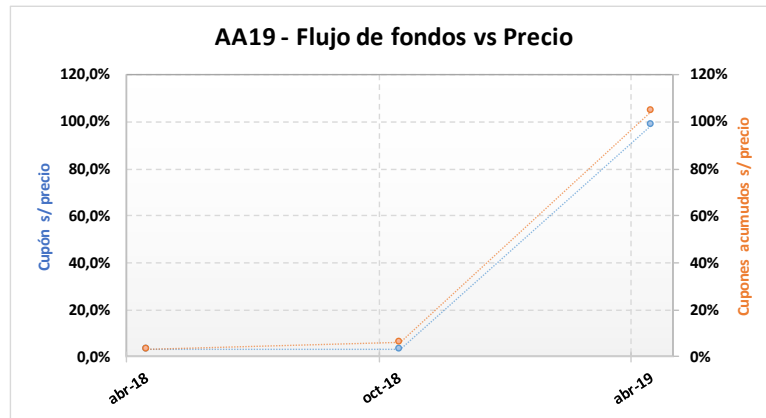


- AN18 - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
TIPO DE CAMBIO SIMULADO		2.125	2.127	2.129	2.131	2.133	2.135,00	2.137	2.139	2.141	2.143	2.145
	19,50	0,03%	-0,09%	-0,21%	-0,34%	-0,46%	-0,58%	-0,70%	-0,82%	-0,94%	-1,07%	-1,19%
	19,55	0,37%	0,24%	0,12%	0,00%	-0,13%	-0,25%	-0,37%	-0,49%	-0,61%	-0,73%	-0,85%
	19,60	0,70%	0,58%	0,45%	0,33%	0,21%	0,09%	-0,04%	-0,16%	-0,28%	-0,40%	-0,52%
	19,65	1,04%	0,91%	0,79%	0,67%	0,54%	0,42%	0,30%	0,17%	0,05%	-0,07%	-0,19%
	19,70	1,37%	1,25%	1,12%	1,00%	0,88%	0,75%	0,63%	0,51%	0,38%	0,26%	0,14%
	19,75	1,71%	1,58%	1,46%	1,34%	1,21%	1,09%	0,96%	0,84%	0,72%	0,59%	0,47%
	19,80	2,05%	1,92%	1,80%	1,67%	1,55%	1,42%	1,30%	1,17%	1,05%	0,93%	0,80%
	19,85	2,38%	2,26%	2,13%	2,01%	1,88%	1,76%	1,63%	1,51%	1,38%	1,26%	1,14%
	19,90	2,72%	2,59%	2,47%	2,34%	2,22%	2,09%	1,97%	1,84%	1,72%	1,59%	1,47%
	19,95	3,06%	2,93%	2,80%	2,68%	2,55%	2,43%	2,30%	2,18%	2,05%	1,93%	1,80%
	20,00	3,40%	3,27%	3,14%	3,01%	2,89%	2,76%	2,64%	2,51%	2,39%	2,26%	2,14%
	20,05	3,73%	3,61%	3,48%	3,35%	3,23%	3,10%	2,97%	2,85%	2,72%	2,60%	2,47%
	20,10	4,07%	3,94%	3,82%	3,69%	3,56%	3,43%	3,31%	3,18%	3,06%	2,93%	2,81%
	20,15	4,41%	4,28%	4,15%	4,03%	3,90%	3,77%	3,64%	3,52%	3,39%	3,27%	3,14%
	20,20	4,75%	4,62%	4,49%	4,36%	4,24%	4,11%	3,98%	3,85%	3,73%	3,60%	3,47%
	20,25	5,09%	4,96%	4,83%	4,70%	4,57%	4,44%	4,32%	4,19%	4,06%	3,94%	3,81%
	20,30	5,43%	5,30%	5,17%	5,04%	4,91%	4,78%	4,65%	4,53%	4,40%	4,27%	4,14%
	20,35	5,77%	5,64%	5,51%	5,38%	5,25%	5,12%	4,99%	4,86%	4,73%	4,61%	4,48%
	20,40	6,11%	5,98%	5,85%	5,72%	5,59%	5,46%	5,33%	5,20%	5,07%	4,94%	4,82%
	20,45	6,45%	6,32%	6,19%	6,06%	5,93%	5,80%	5,67%	5,54%	5,41%	5,28%	5,15%
	20,50	6,79%	6,66%	6,52%	6,39%	6,26%	6,13%	6,00%	5,87%	5,74%	5,62%	5,49%

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
9-feb-18				Monto	%					Renta		Amortización		
2.095,20	pesos	3,86%	1,14x	100,00	100,00%	1,96	101,96	102,74%	6,250%	22-abr-2018	3,13	22-abr-2019	100,00	22-abr-2019

Tipo de cambio simulado: 20,00



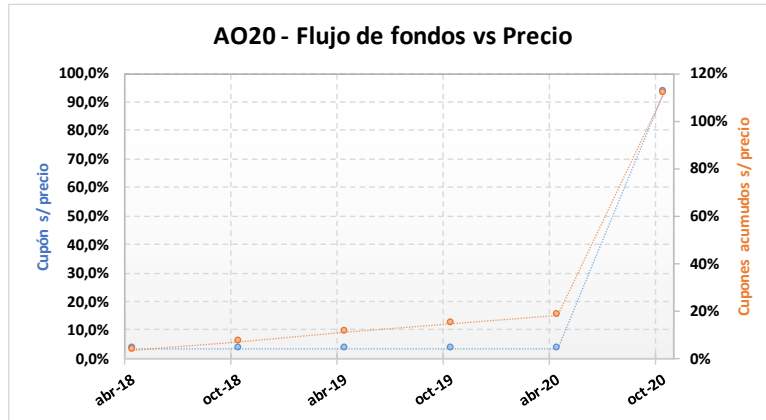
- AA19 - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.070	2.075	2.080	2.085	2.090	2.095,20	2.100	2.105	2.110	2.115	2.120
TIPO DE CAMBIO SIMULADO	19,50	2,66%	2,45%	2,23%	2,01%	1,80%	1,58%	1,37%	1,16%	0,95%	0,74%	0,53%
	19,55	2,89%	2,68%	2,46%	2,24%	2,03%	1,81%	1,60%	1,39%	1,18%	0,97%	0,76%
	19,60	3,13%	2,91%	2,69%	2,47%	2,26%	2,03%	1,83%	1,62%	1,40%	1,19%	0,98%
	19,65	3,36%	3,14%	2,92%	2,70%	2,49%	2,26%	2,06%	1,84%	1,63%	1,42%	1,21%
	19,70	3,59%	3,37%	3,15%	2,93%	2,72%	2,49%	2,29%	2,07%	1,86%	1,65%	1,44%
	19,75	3,82%	3,60%	3,38%	3,16%	2,95%	2,72%	2,51%	2,30%	2,09%	1,87%	1,66%
	19,80	4,05%	3,83%	3,61%	3,39%	3,17%	2,95%	2,74%	2,53%	2,31%	2,10%	1,89%
	19,85	4,28%	4,06%	3,84%	3,62%	3,40%	3,18%	2,97%	2,76%	2,54%	2,33%	2,12%
	19,90	4,51%	4,29%	4,07%	3,85%	3,63%	3,41%	3,20%	2,98%	2,77%	2,55%	2,34%
	19,95	4,74%	4,52%	4,30%	4,08%	3,86%	3,63%	3,43%	3,21%	3,00%	2,78%	2,57%
	20,00	4,97%	4,75%	4,53%	4,31%	4,09%	3,86%	3,65%	3,44%	3,22%	3,01%	2,79%
	20,05	5,21%	4,98%	4,76%	4,54%	4,32%	4,09%	3,88%	3,67%	3,45%	3,23%	3,02%
	20,10	5,44%	5,21%	4,99%	4,77%	4,55%	4,32%	4,11%	3,89%	3,68%	3,46%	3,25%
	20,15	5,67%	5,44%	5,22%	5,00%	4,78%	4,55%	4,34%	4,12%	3,90%	3,69%	3,47%
	20,20	5,90%	5,67%	5,45%	5,23%	5,01%	4,78%	4,57%	4,35%	4,13%	3,91%	3,70%
	20,25	6,13%	5,90%	5,68%	5,46%	5,23%	5,00%	4,79%	4,57%	4,36%	4,14%	3,92%
	20,30	6,36%	6,13%	5,91%	5,69%	5,46%	5,23%	5,02%	4,80%	4,58%	4,37%	4,15%
	20,35	6,59%	6,36%	6,14%	5,91%	5,69%	5,46%	5,25%	5,03%	4,81%	4,59%	4,37%
	20,40	6,82%	6,59%	6,37%	6,14%	5,92%	5,69%	5,48%	5,26%	5,04%	4,82%	4,60%
	20,45	7,05%	6,82%	6,60%	6,37%	6,15%	5,92%	5,70%	5,48%	5,26%	5,04%	4,83%
	20,50	7,28%	7,05%	6,83%	6,60%	6,38%	6,14%	5,93%	5,71%	5,49%	5,27%	5,05%



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
9-feb-18				Monto	%					Renta		Amortización		
2.223,00	pesos	4,67%	2,39x	100,00	100,00%	2,82	102,82	108,10%	8,000%	8-abr-2018	4,00	8-oct-2020	100,00	8-oct-2020

Tipo de cambio simulado: 20,00

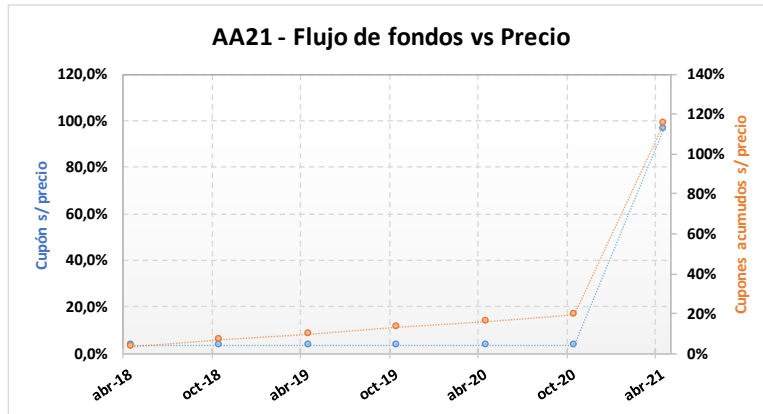


- AO20 - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.150	2.165	2.180	2.195	2.210	2.223,00	2.240	2.255	2.270	2.285	2.300
TIPO DE CAMBIO SIMULADO	19,50	5,03%	4,72%	4,42%	4,12%	3,82%	3,57%	3,24%	2,95%	2,67%	2,39%	2,11%
	19,55	5,14%	4,84%	4,53%	4,23%	3,94%	3,68%	3,35%	3,06%	2,78%	2,50%	2,22%
	19,60	5,25%	4,95%	4,64%	4,34%	4,05%	3,79%	3,46%	3,17%	2,89%	2,60%	2,32%
	19,65	5,37%	5,06%	4,76%	4,46%	4,16%	3,90%	3,57%	3,28%	3,00%	2,71%	2,43%
	19,70	5,48%	5,17%	4,87%	4,57%	4,27%	4,01%	3,68%	3,39%	3,11%	2,82%	2,54%
	19,75	5,59%	5,28%	4,98%	4,68%	4,38%	4,12%	3,79%	3,50%	3,22%	2,93%	2,65%
	19,80	5,70%	5,40%	5,09%	4,79%	4,49%	4,23%	3,90%	3,61%	3,33%	3,04%	2,76%
	19,85	5,82%	5,51%	5,20%	4,90%	4,60%	4,34%	4,01%	3,72%	3,43%	3,15%	2,87%
	19,90	5,93%	5,62%	5,31%	5,01%	4,71%	4,45%	4,12%	3,83%	3,54%	3,26%	2,98%
	19,95	6,04%	5,73%	5,42%	5,12%	4,82%	4,56%	4,23%	3,94%	3,65%	3,37%	3,08%
	20,00	6,15%	5,84%	5,53%	5,23%	4,93%	4,67%	4,34%	4,05%	3,76%	3,47%	3,19%
	20,05	6,26%	5,95%	5,65%	5,34%	5,04%	4,78%	4,45%	4,16%	3,87%	3,58%	3,30%
	20,10	6,37%	6,06%	5,76%	5,45%	5,15%	4,89%	4,56%	4,27%	3,98%	3,69%	3,41%
	20,15	6,48%	6,17%	5,87%	5,56%	5,26%	5,00%	4,67%	4,37%	4,09%	3,80%	3,52%
	20,20	6,60%	6,28%	5,98%	5,67%	5,37%	5,11%	4,78%	4,48%	4,19%	3,91%	3,62%
	20,25	6,71%	6,39%	6,09%	5,78%	5,48%	5,22%	4,88%	4,59%	4,30%	4,01%	3,73%
	20,30	6,82%	6,51%	6,20%	5,89%	5,59%	5,33%	4,99%	4,70%	4,41%	4,12%	3,84%
	20,35	6,93%	6,62%	6,31%	6,00%	5,70%	5,44%	5,10%	4,81%	4,52%	4,23%	3,94%
	20,40	7,04%	6,73%	6,42%	6,11%	5,81%	5,55%	5,21%	4,92%	4,62%	4,34%	4,05%
	20,45	7,15%	6,84%	6,53%	6,22%	5,92%	5,66%	5,32%	5,02%	4,73%	4,44%	4,16%
	20,50	7,26%	6,95%	6,64%	6,33%	6,02%	5,76%	5,43%	5,13%	4,84%	4,55%	4,26%

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
9-feb-18				Monto	%					Renta		Amortización		
2.146,00	pesos	5,17%	2,86x	100,00	100,00%	2,16	102,16	105,03%	6,875%	22-abr-2018	3,44	22-abr-2021	100,00	

Tipo de cambio simulado: 20,00

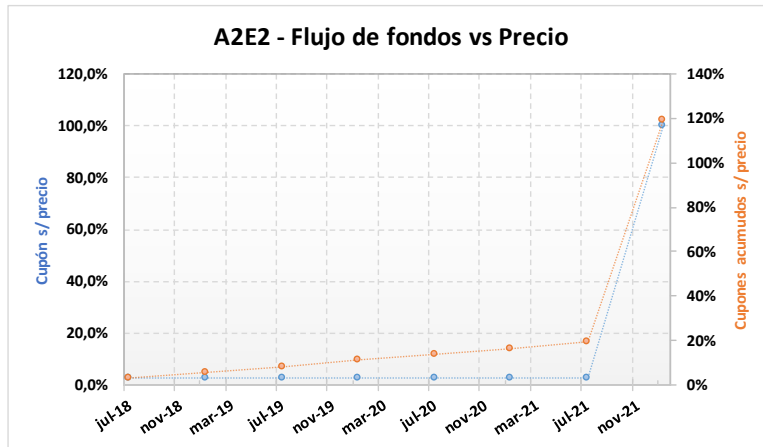


- AA21- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.070	2.085	2.100	2.115	2.130	2.146,00	2.160	2.175	2.190	2.205	2.220
TIPO DE CAMBIO SIMULADO	19,50	5,57%	5,30%	5,04%	4,78%	4,52%	4,25%	4,01%	3,76%	3,51%	3,27%	3,02%
	19,55	5,66%	5,40%	5,13%	4,87%	4,61%	4,34%	4,10%	3,85%	3,61%	3,36%	3,12%
	19,60	5,76%	5,49%	5,23%	4,97%	4,71%	4,43%	4,20%	3,95%	3,70%	3,45%	3,21%
	19,65	5,85%	5,58%	5,32%	5,06%	4,80%	4,53%	4,29%	4,04%	3,79%	3,54%	3,30%
	19,70	5,95%	5,68%	5,41%	5,15%	4,89%	4,62%	4,38%	4,13%	3,88%	3,64%	3,39%
	19,75	6,04%	5,77%	5,51%	5,25%	4,99%	4,71%	4,47%	4,22%	3,97%	3,73%	3,48%
	19,80	6,13%	5,87%	5,60%	5,34%	5,08%	4,80%	4,57%	4,31%	4,07%	3,82%	3,57%
	19,85	6,23%	5,96%	5,69%	5,43%	5,17%	4,90%	4,66%	4,41%	4,16%	3,91%	3,66%
	19,90	6,32%	6,05%	5,79%	5,52%	5,26%	4,99%	4,75%	4,50%	4,25%	4,00%	3,76%
	19,95	6,41%	6,15%	5,88%	5,62%	5,36%	5,08%	4,84%	4,59%	4,34%	4,09%	3,85%
	20,00	6,51%	6,24%	5,97%	5,71%	5,45%	5,17%	4,93%	4,68%	4,43%	4,18%	3,94%
	20,05	6,60%	6,33%	6,06%	5,80%	5,54%	5,26%	5,03%	4,77%	4,52%	4,27%	4,03%
	20,10	6,69%	6,42%	6,16%	5,89%	5,63%	5,36%	5,12%	4,86%	4,61%	4,36%	4,12%
	20,15	6,79%	6,52%	6,25%	5,99%	5,72%	5,45%	5,21%	4,95%	4,70%	4,45%	4,21%
	20,20	6,88%	6,61%	6,34%	6,08%	5,82%	5,54%	5,30%	5,05%	4,79%	4,54%	4,30%
	20,25	6,97%	6,70%	6,43%	6,17%	5,91%	5,63%	5,39%	5,14%	4,88%	4,63%	4,39%
	20,30	7,06%	6,79%	6,53%	6,26%	6,00%	5,72%	5,48%	5,23%	4,97%	4,72%	4,48%
	20,35	7,16%	6,89%	6,62%	6,35%	6,09%	5,81%	5,57%	5,32%	5,06%	4,81%	4,57%
	20,40	7,25%	6,98%	6,71%	6,44%	6,18%	5,90%	5,66%	5,41%	5,15%	4,90%	4,66%
	20,45	7,34%	7,07%	6,80%	6,53%	6,27%	5,99%	5,75%	5,50%	5,24%	4,99%	4,75%
	20,50	7,43%	7,16%	6,89%	6,63%	6,36%	6,08%	5,84%	5,59%	5,33%	5,08%	4,84%

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
9-feb-18	cotización			Monto	%	corridos			cupón	Renta		Amortización		
2.055,00	pesos	4,99%	3,59x	100,00	100,00%	0,30	100,30	102,45%	5,625%	26-jul-2018	2,81	26-ene-2022	100,00	26-ene-2022

Tipo de cambio simulado: 20,00



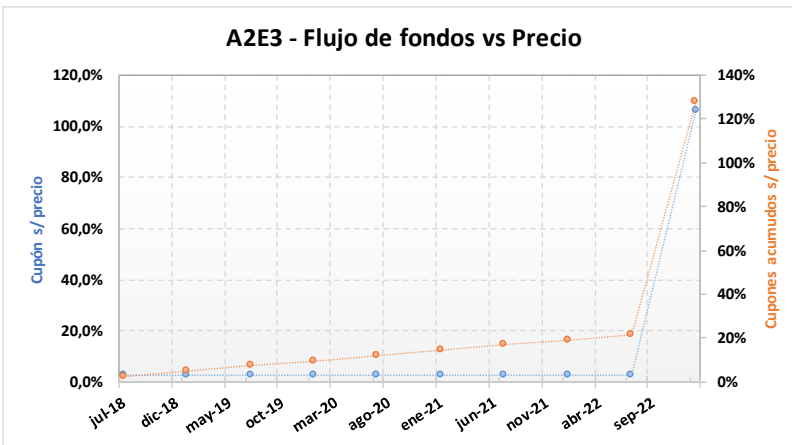
-A2E2- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.800	1.850	1.900	1.950	2.000	2.055,00	2.100	2.150	2.200	2.250	2.300
TIPO DE CAMBIO SIMULADO	19,50	8,19%	7,36%	6,56%	5,79%	5,05%	4,26%	3,63%	2,96%	2,30%	1,67%	1,05%
	19,55	8,26%	7,44%	6,64%	5,87%	5,12%	4,33%	3,70%	3,03%	2,37%	1,74%	1,12%
	19,60	8,34%	7,51%	6,71%	5,94%	5,20%	4,40%	3,78%	3,10%	2,45%	1,81%	1,19%
	19,65	8,42%	7,59%	6,79%	6,02%	5,27%	4,48%	3,85%	3,17%	2,52%	1,88%	1,27%
	19,70	8,50%	7,67%	6,87%	6,09%	5,35%	4,55%	3,92%	3,25%	2,59%	1,95%	1,34%
	19,75	8,57%	7,74%	6,94%	6,17%	5,42%	4,63%	4,00%	3,32%	2,66%	2,03%	1,41%
	19,80	8,65%	7,82%	7,02%	6,24%	5,49%	4,70%	4,07%	3,39%	2,74%	2,10%	1,48%
	19,85	8,73%	7,89%	7,09%	6,32%	5,57%	4,77%	4,14%	3,47%	2,81%	2,17%	1,55%
	19,90	8,80%	7,97%	7,17%	6,39%	5,64%	4,85%	4,22%	3,54%	2,88%	2,24%	1,62%
	19,95	8,88%	8,05%	7,24%	6,47%	5,72%	4,92%	4,29%	3,61%	2,95%	2,31%	1,69%
	20,00	8,96%	8,12%	7,32%	6,54%	5,79%	4,99%	4,36%	3,68%	3,02%	2,38%	1,76%
	20,05	9,03%	8,20%	7,39%	6,62%	5,86%	5,07%	4,43%	3,75%	3,09%	2,45%	1,83%
	20,10	9,11%	8,27%	7,47%	6,69%	5,94%	5,14%	4,51%	3,83%	3,16%	2,52%	1,90%
	20,15	9,19%	8,35%	7,54%	6,76%	6,01%	5,21%	4,58%	3,90%	3,24%	2,59%	1,97%
	20,20	9,26%	8,43%	7,62%	6,84%	6,08%	5,28%	4,65%	3,97%	3,31%	2,66%	2,04%
	20,25	9,34%	8,50%	7,69%	6,91%	6,16%	5,36%	4,72%	4,04%	3,38%	2,74%	2,11%
	20,30	9,41%	8,58%	7,77%	6,99%	6,23%	5,43%	4,80%	4,11%	3,45%	2,81%	2,18%
	20,35	9,49%	8,65%	7,84%	7,06%	6,30%	5,50%	4,87%	4,18%	3,52%	2,88%	2,25%
	20,40	9,57%	8,73%	7,91%	7,13%	6,38%	5,57%	4,94%	4,25%	3,59%	2,95%	2,32%
	20,45	9,64%	8,80%	7,99%	7,21%	6,45%	5,65%	5,01%	4,32%	3,66%	3,02%	2,39%
	20,50	9,72%	8,87%	8,06%	7,28%	6,52%	5,72%	5,08%	4,40%	3,73%	3,09%	2,46%



A2E3 – Bonar 2023 (Ley NY)

Precio del	Moneda de	TIREA en	Duration	Capital residual		Intereses	Valor técnico	Paridad	Tasa de	Próximo servicio				Vencimiento
9-feb-18	cotización	pesos		Monto	%	corridos			cupón	Renta		Amortización		
1.925,00	pesos	5,69%	4,41x	100,00	100,00%	0,44	100,44	95,83%	4,625%	11-jul-2018	2,31	11-ene-2023	100,00	11-ene-2023

Tipo de cambio simulado: 20,00



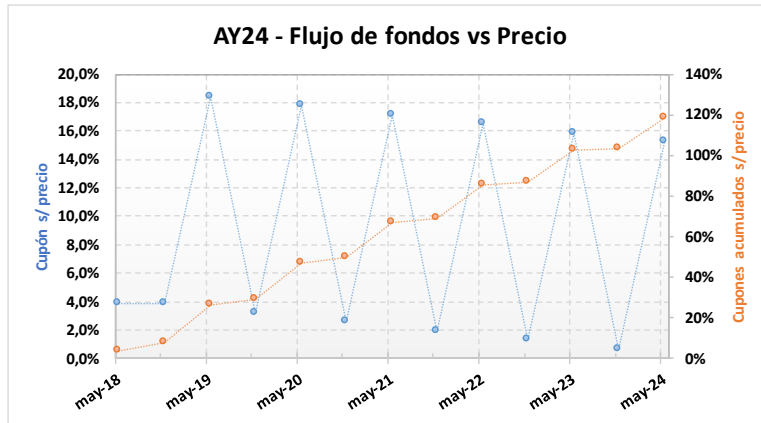
-A2E3- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.675	1.725	1.775	1.825	1.875	1.925,00	1.975	2.025	2.075	2.125	2.175
TIPO DE CAMBIO SIMULADO	19,50	8,46%	7,74%	7,04%	6,36%	5,71%	5,09%	4,48%	3,89%	3,32%	2,77%	2,24%
	19,55	8,52%	7,80%	7,10%	6,43%	5,78%	5,15%	4,54%	3,95%	3,38%	2,83%	2,29%
	19,60	8,59%	7,86%	7,16%	6,49%	5,84%	5,21%	4,60%	4,01%	3,44%	2,89%	2,35%
	19,65	8,65%	7,92%	7,22%	6,55%	5,90%	5,27%	4,66%	4,07%	3,50%	2,95%	2,41%
	19,70	8,71%	7,99%	7,29%	6,61%	5,96%	5,33%	4,72%	4,13%	3,56%	3,01%	2,47%
	19,75	8,78%	8,05%	7,35%	6,67%	6,02%	5,39%	4,78%	4,19%	3,62%	3,07%	2,53%
	19,80	8,84%	8,11%	7,41%	6,73%	6,08%	5,45%	4,84%	4,25%	3,68%	3,12%	2,59%
	19,85	8,90%	8,17%	7,47%	6,79%	6,14%	5,51%	4,90%	4,31%	3,74%	3,18%	2,64%
	19,90	8,97%	8,24%	7,53%	6,86%	6,20%	5,57%	4,96%	4,37%	3,80%	3,24%	2,70%
	19,95	9,03%	8,30%	7,59%	6,92%	6,26%	5,63%	5,02%	4,43%	3,85%	3,30%	2,76%
	20,00	9,09%	8,36%	7,66%	6,98%	6,32%	5,69%	5,08%	4,49%	3,91%	3,36%	2,82%
	20,05	9,15%	8,42%	7,72%	7,04%	6,38%	5,75%	5,14%	4,55%	3,97%	3,42%	2,88%
	20,10	9,22%	8,48%	7,78%	7,10%	6,44%	5,81%	5,20%	4,60%	4,03%	3,47%	2,93%
	20,15	9,28%	8,55%	7,84%	7,16%	6,50%	5,87%	5,26%	4,66%	4,09%	3,53%	2,99%
	20,20	9,34%	8,61%	7,90%	7,22%	6,56%	5,93%	5,32%	4,72%	4,15%	3,59%	3,05%
	20,25	9,40%	8,67%	7,96%	7,28%	6,62%	5,99%	5,37%	4,78%	4,20%	3,65%	3,11%
	20,30	9,46%	8,73%	8,02%	7,34%	6,68%	6,05%	5,43%	4,84%	4,26%	3,70%	3,16%
	20,35	9,53%	8,79%	8,08%	7,40%	6,74%	6,11%	5,49%	4,90%	4,32%	3,76%	3,22%
	20,40	9,59%	8,85%	8,14%	7,46%	6,80%	6,17%	5,55%	4,95%	4,38%	3,82%	3,28%
	20,45	9,65%	8,91%	8,20%	7,52%	6,86%	6,22%	5,61%	5,01%	4,44%	3,88%	3,33%
	20,50	9,71%	8,97%	8,26%	7,58%	6,92%	6,28%	5,67%	5,07%	4,49%	3,93%	3,39%



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
9-feb-18				Monto	%					Renta		Amortización		
2.282,00	pesos	5,26%	3,98x	100,00	100,00%	2,38	102,38	111,45%	8,750%	7-may-2018	4,38	7-may-2019	16,66	

Tipo de cambio simulado: 20,00

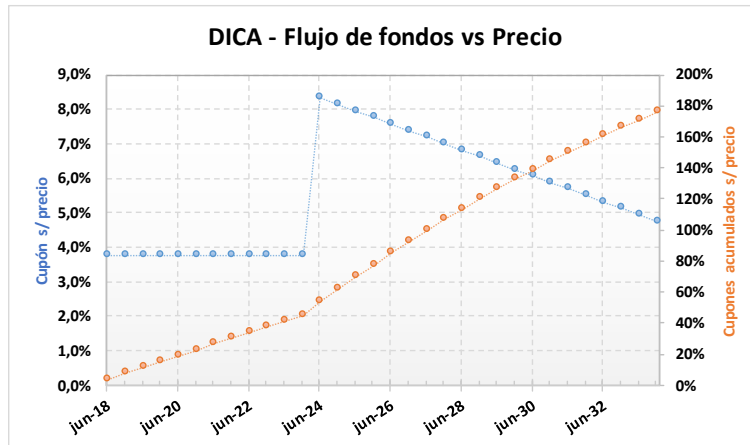


- AY24 - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.205	2.220	2.235	2.250	2.265	2.282,00	2.295	2.310	2.325	2.340	2.355
TIPO DE CAMBIO SIMULADO	19,50	5,55%	5,33%	5,11%	4,89%	4,67%	4,43%	4,25%	4,04%	3,83%	3,63%	3,42%
	19,55	5,64%	5,41%	5,19%	4,97%	4,76%	4,51%	4,33%	4,12%	3,91%	3,71%	3,50%
	19,60	5,72%	5,50%	5,28%	5,06%	4,84%	4,60%	4,41%	4,20%	3,99%	3,79%	3,58%
	19,65	5,81%	5,58%	5,36%	5,14%	4,92%	4,68%	4,50%	4,28%	4,08%	3,87%	3,67%
	19,70	5,89%	5,67%	5,44%	5,22%	5,01%	4,76%	4,58%	4,37%	4,16%	3,95%	3,75%
	19,75	5,98%	5,75%	5,53%	5,31%	5,09%	4,84%	4,66%	4,45%	4,24%	4,03%	3,83%
	19,80	6,06%	5,83%	5,61%	5,39%	5,17%	4,93%	4,74%	4,53%	4,32%	4,11%	3,91%
	19,85	6,14%	5,92%	5,70%	5,47%	5,26%	5,01%	4,82%	4,61%	4,40%	4,20%	3,99%
	19,90	6,23%	6,00%	5,78%	5,56%	5,34%	5,09%	4,91%	4,69%	4,48%	4,28%	4,07%
	19,95	6,31%	6,09%	5,86%	5,64%	5,42%	5,17%	4,99%	4,78%	4,57%	4,36%	4,15%
	20,00	6,40%	6,17%	5,95%	5,72%	5,50%	5,26%	5,07%	4,86%	4,65%	4,44%	4,23%
	20,05	6,48%	6,25%	6,03%	5,81%	5,59%	5,34%	5,15%	4,94%	4,73%	4,52%	4,31%
	20,10	6,56%	6,34%	6,11%	5,89%	5,67%	5,42%	5,23%	5,02%	4,81%	4,60%	4,39%
	20,15	6,65%	6,42%	6,19%	5,97%	5,75%	5,50%	5,32%	5,10%	4,89%	4,68%	4,47%
	20,20	6,73%	6,50%	6,28%	6,05%	5,83%	5,58%	5,40%	5,18%	4,97%	4,76%	4,55%
	20,25	6,82%	6,59%	6,36%	6,14%	5,91%	5,67%	5,48%	5,26%	5,05%	4,84%	4,63%
	20,30	6,90%	6,67%	6,44%	6,22%	6,00%	5,75%	5,56%	5,35%	5,13%	4,92%	4,71%
	20,35	6,98%	6,75%	6,53%	6,30%	6,08%	5,83%	5,64%	5,43%	5,21%	5,00%	4,79%
	20,40	7,07%	6,84%	6,61%	6,38%	6,16%	5,91%	5,72%	5,51%	5,29%	5,08%	4,87%
	20,45	7,15%	6,92%	6,69%	6,47%	6,24%	5,99%	5,80%	5,59%	5,37%	5,16%	4,95%
	20,50	7,23%	7,00%	6,77%	6,55%	6,32%	6,07%	5,89%	5,67%	5,46%	5,24%	5,03%

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
9-feb-18				Monto	%					Renta		Amortización		
3.080,00	pesos	7,22%	7,47x	140,20	100,00%	1,45	141,65	108,71%	8,280%	30-jun-2018	5,80	30-jun-2024	7,01	31-dic-2033

Tipo de cambio simulado: 20,00

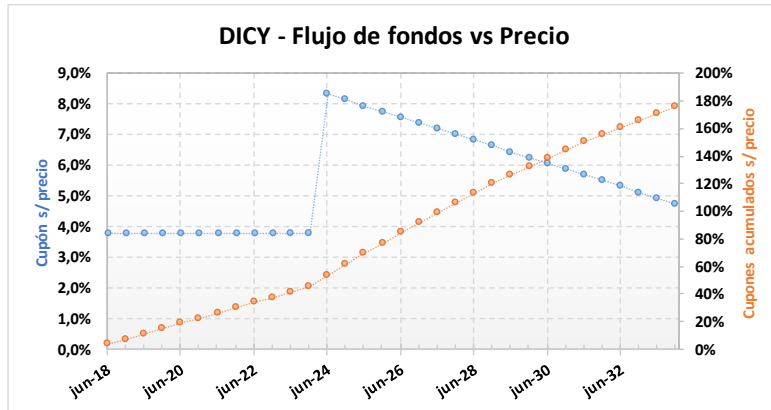


- DICA - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.830	2.880	2.930	2.980	3.030	3.080,00	3.130	3.180	3.230	3.280	3.330
TIPO DE CAMBIO SIMULADO	19,50	8,09%	7,83%	7,58%	7,33%	7,10%	6,86%	6,63%	6,41%	6,19%	5,98%	5,77%
	19,55	8,13%	7,87%	7,62%	7,37%	7,13%	6,90%	6,67%	6,45%	6,23%	6,02%	5,81%
	19,60	8,16%	7,90%	7,65%	7,41%	7,17%	6,94%	6,71%	6,48%	6,27%	6,05%	5,84%
	19,65	8,20%	7,94%	7,69%	7,44%	7,21%	6,97%	6,74%	6,52%	6,30%	6,09%	5,88%
	19,70	8,24%	7,98%	7,73%	7,48%	7,24%	7,01%	6,78%	6,56%	6,34%	6,12%	5,91%
	19,75	8,28%	8,02%	7,76%	7,52%	7,28%	7,04%	6,81%	6,59%	6,37%	6,16%	5,95%
	19,80	8,31%	8,05%	7,80%	7,56%	7,31%	7,08%	6,85%	6,63%	6,41%	6,19%	5,98%
	19,85	8,35%	8,09%	7,84%	7,59%	7,35%	7,12%	6,89%	6,66%	6,44%	6,23%	6,02%
	19,90	8,39%	8,13%	7,88%	7,63%	7,39%	7,15%	6,92%	6,70%	6,48%	6,26%	6,05%
	19,95	8,43%	8,17%	7,91%	7,66%	7,42%	7,19%	6,96%	6,73%	6,51%	6,30%	6,09%
	20,00	8,46%	8,20%	7,95%	7,70%	7,46%	7,22%	6,99%	6,77%	6,55%	6,33%	6,12%
	20,05	8,50%	8,24%	7,99%	7,74%	7,50%	7,26%	7,03%	6,80%	6,58%	6,37%	6,16%
	20,10	8,54%	8,28%	8,02%	7,77%	7,53%	7,30%	7,06%	6,84%	6,62%	6,40%	6,19%
	20,15	8,58%	8,31%	8,06%	7,81%	7,57%	7,33%	7,10%	6,87%	6,65%	6,44%	6,23%
	20,20	8,61%	8,35%	8,10%	7,85%	7,60%	7,37%	7,14%	6,91%	6,69%	6,47%	6,26%
	20,25	8,65%	8,39%	8,13%	7,88%	7,64%	7,40%	7,17%	6,94%	6,72%	6,51%	6,30%
	20,30	8,69%	8,42%	8,17%	7,92%	7,68%	7,44%	7,21%	6,98%	6,76%	6,54%	6,33%
	20,35	8,72%	8,46%	8,20%	7,96%	7,71%	7,47%	7,24%	7,01%	6,79%	6,58%	6,36%
	20,40	8,76%	8,50%	8,24%	7,99%	7,75%	7,51%	7,28%	7,05%	6,83%	6,61%	6,40%
	20,45	8,80%	8,53%	8,28%	8,03%	7,78%	7,54%	7,31%	7,08%	6,86%	6,65%	6,43%
	20,50	8,83%	8,57%	8,31%	8,06%	7,82%	7,58%	7,35%	7,12%	6,90%	6,68%	6,47%

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
9-feb-18				Monto	%					Renta		Amortización		
3.080,00	pesos	7,22%	7,47x	140,20	100,00%	1,45	141,65	108,71%	8,280%	30-jun-2018	5,80	30-jun-2024	7,01	31-dic-2033

Tipo de cambio simulado: 20,00

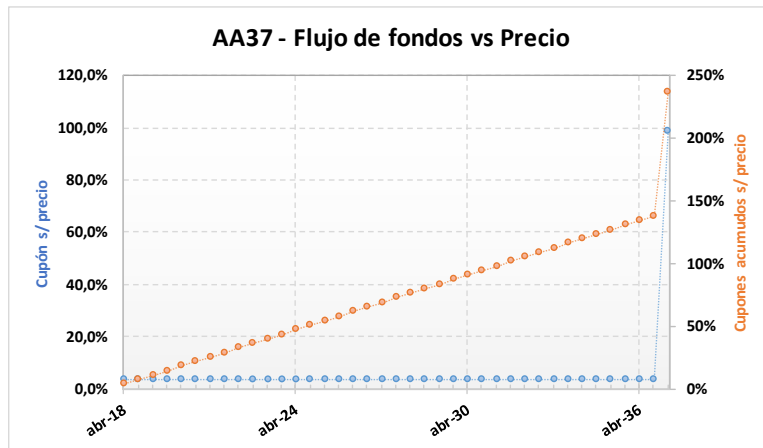


- DICY - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.830	2.880	2.930	2.980	3.030	3.080,00	3.130	3.180	3.230	3.280	3.330
TIPO DE CAMBIO SIMULADO	19,50	8,09%	7,83%	7,58%	7,33%	7,10%	6,86%	6,63%	6,41%	6,19%	5,98%	5,77%
	19,55	8,13%	7,87%	7,62%	7,37%	7,13%	6,90%	6,67%	6,45%	6,23%	6,02%	5,81%
	19,60	8,16%	7,90%	7,65%	7,41%	7,17%	6,94%	6,71%	6,48%	6,27%	6,05%	5,84%
	19,65	8,20%	7,94%	7,69%	7,44%	7,21%	6,97%	6,74%	6,52%	6,30%	6,09%	5,88%
	19,70	8,24%	7,98%	7,73%	7,48%	7,24%	7,01%	6,78%	6,56%	6,34%	6,12%	5,91%
	19,75	8,28%	8,02%	7,76%	7,52%	7,28%	7,04%	6,81%	6,59%	6,37%	6,16%	5,95%
	19,80	8,31%	8,05%	7,80%	7,56%	7,31%	7,08%	6,85%	6,63%	6,41%	6,19%	5,98%
	19,85	8,35%	8,09%	7,84%	7,59%	7,35%	7,12%	6,89%	6,66%	6,44%	6,23%	6,02%
	19,90	8,39%	8,13%	7,88%	7,63%	7,39%	7,15%	6,92%	6,70%	6,48%	6,26%	6,05%
	19,95	8,43%	8,17%	7,91%	7,66%	7,42%	7,19%	6,96%	6,73%	6,51%	6,30%	6,09%
	20,00	8,46%	8,20%	7,95%	7,70%	7,46%	7,22%	6,99%	6,77%	6,55%	6,33%	6,12%
	20,05	8,50%	8,24%	7,99%	7,74%	7,50%	7,26%	7,03%	6,80%	6,58%	6,37%	6,16%
	20,10	8,54%	8,28%	8,02%	7,77%	7,53%	7,30%	7,06%	6,84%	6,62%	6,40%	6,19%
	20,15	8,58%	8,31%	8,06%	7,81%	7,57%	7,33%	7,10%	6,87%	6,65%	6,44%	6,23%
	20,20	8,61%	8,35%	8,10%	7,85%	7,60%	7,37%	7,14%	6,91%	6,69%	6,47%	6,26%
	20,25	8,65%	8,39%	8,13%	7,88%	7,64%	7,40%	7,17%	6,94%	6,72%	6,51%	6,30%
	20,30	8,69%	8,42%	8,17%	7,92%	7,68%	7,44%	7,21%	6,98%	6,76%	6,54%	6,33%
	20,35	8,72%	8,46%	8,20%	7,96%	7,71%	7,47%	7,24%	7,01%	6,79%	6,58%	6,36%
	20,40	8,76%	8,50%	8,24%	7,99%	7,75%	7,51%	7,28%	7,05%	6,83%	6,61%	6,40%
	20,45	8,80%	8,53%	8,28%	8,03%	7,78%	7,54%	7,31%	7,08%	6,86%	6,65%	6,43%
	20,50	8,83%	8,57%	8,31%	8,06%	7,82%	7,58%	7,35%	7,12%	6,90%	6,68%	6,47%

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
9-feb-18				Monto	%					Renta		Amortización		
2.100,00	pesos	7,51%	10,24x	100,00	100,00%	2,48	102,48	102,46%	7,625%	18-abr-2018	3,81	18-abr-2037	100,00	18-abr-2037

Tipo de cambio simulado: 20,00



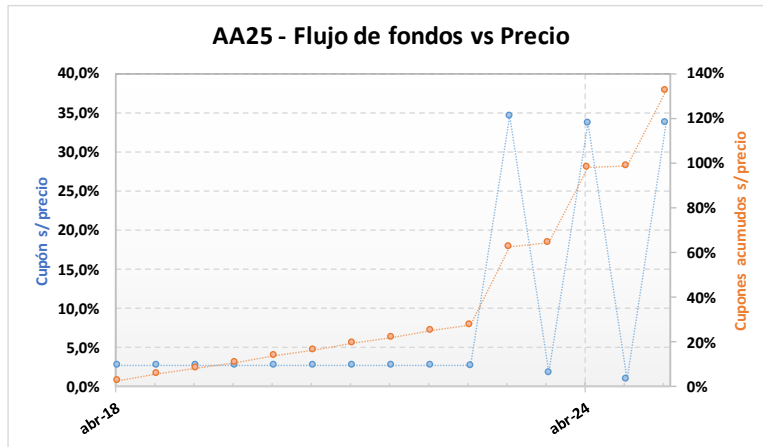
- AA37- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.850	1.900	1.950	2.000	2.050	2.100,00	2.150	2.200	2.250	2.300	2.350
TIPO DE CAMBIO SIMULADO	19,50	8,61%	8,31%	8,03%	7,76%	7,50%	7,25%	7,00%	6,77%	6,54%	6,33%	6,11%
	19,55	8,63%	8,34%	8,06%	7,79%	7,52%	7,27%	7,03%	6,80%	6,57%	6,35%	6,14%
	19,60	8,66%	8,37%	8,08%	7,81%	7,55%	7,30%	7,06%	6,82%	6,60%	6,38%	6,16%
	19,65	8,69%	8,40%	8,11%	7,84%	7,58%	7,33%	7,08%	6,85%	6,62%	6,40%	6,19%
	19,70	8,72%	8,42%	8,14%	7,87%	7,60%	7,35%	7,11%	6,87%	6,65%	6,43%	6,21%
	19,75	8,75%	8,45%	8,17%	7,89%	7,63%	7,38%	7,13%	6,90%	6,67%	6,45%	6,24%
	19,80	8,78%	8,48%	8,19%	7,92%	7,66%	7,40%	7,16%	6,92%	6,70%	6,48%	6,26%
	19,85	8,80%	8,51%	8,22%	7,95%	7,68%	7,43%	7,19%	6,95%	6,72%	6,50%	6,29%
	19,90	8,83%	8,53%	8,25%	7,97%	7,71%	7,46%	7,21%	6,98%	6,75%	6,53%	6,31%
	19,95	8,86%	8,56%	8,28%	8,00%	7,74%	7,48%	7,24%	7,00%	6,77%	6,55%	6,34%
	20,00	8,89%	8,59%	8,30%	8,03%	7,76%	7,51%	7,26%	7,03%	6,80%	6,58%	6,36%
	20,05	8,92%	8,62%	8,33%	8,06%	7,79%	7,54%	7,29%	7,05%	6,82%	6,60%	6,39%
	20,10	8,95%	8,65%	8,36%	8,08%	7,82%	7,56%	7,32%	7,08%	6,85%	6,63%	6,41%
	20,15	8,97%	8,67%	8,39%	8,11%	7,84%	7,59%	7,34%	7,10%	6,87%	6,65%	6,44%
	20,20	9,00%	8,70%	8,41%	8,14%	7,87%	7,61%	7,37%	7,13%	6,90%	6,68%	6,46%
	20,25	9,03%	8,73%	8,44%	8,16%	7,90%	7,64%	7,39%	7,15%	6,92%	6,70%	6,49%
	20,30	9,06%	8,76%	8,47%	8,19%	7,92%	7,67%	7,42%	7,18%	6,95%	6,73%	6,51%
	20,35	9,09%	8,78%	8,49%	8,22%	7,95%	7,69%	7,44%	7,21%	6,97%	6,75%	6,54%
	20,40	9,11%	8,81%	8,52%	8,24%	7,98%	7,72%	7,47%	7,23%	7,00%	6,78%	6,56%
	20,45	9,14%	8,84%	8,55%	8,27%	8,00%	7,74%	7,50%	7,26%	7,03%	6,80%	6,58%
	20,50	9,17%	8,87%	8,58%	8,30%	8,03%	7,77%	7,52%	7,28%	7,05%	6,83%	6,61%



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

Precio del	Moneda de cotización	TIREA en u\$s	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
9-feb-18				Monto	%					Renta		Amortización		
2.069,50	pesos	5,51%	5,19x	100,00	100,00%	1,87	101,87	101,58%	5,750%	18-abr-2018	2,88	18-abr-2023	33,00	18-abr-2025

Tipo de cambio simulado: 20,00

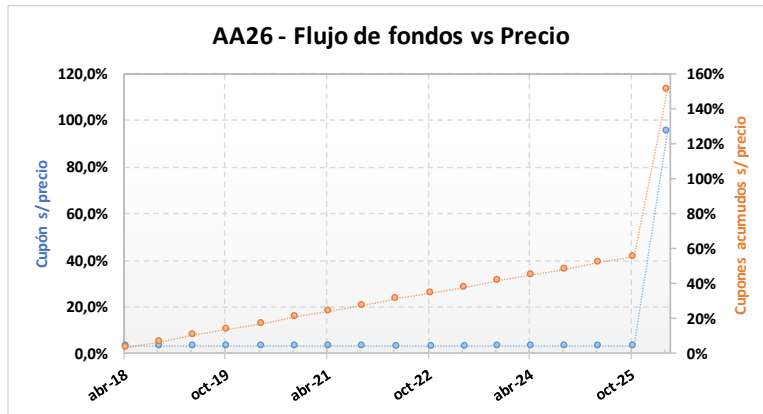


- AA25- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.820	1.870	1.920	1.970	2.020	2.069,50	2.120	2.170	2.220	2.270	2.320
TIPO DE CAMBIO SIMULADO	19,50	7,65%	7,08%	6,53%	6,00%	5,49%	5,00%	4,52%	4,05%	3,60%	3,17%	2,74%
	19,55	7,70%	7,13%	6,58%	6,05%	5,54%	5,05%	4,57%	4,10%	3,65%	3,22%	2,79%
	19,60	7,75%	7,19%	6,64%	6,11%	5,59%	5,10%	4,62%	4,15%	3,70%	3,27%	2,84%
	19,65	7,81%	7,24%	6,69%	6,16%	5,65%	5,16%	4,67%	4,21%	3,75%	3,32%	2,89%
	19,70	7,86%	7,29%	6,74%	6,21%	5,70%	5,21%	4,72%	4,26%	3,80%	3,37%	2,94%
	19,75	7,91%	7,34%	6,79%	6,26%	5,75%	5,26%	4,77%	4,31%	3,85%	3,41%	2,99%
	19,80	7,97%	7,40%	6,85%	6,32%	5,80%	5,31%	4,82%	4,36%	3,90%	3,46%	3,04%
	19,85	8,02%	7,45%	6,90%	6,37%	5,85%	5,36%	4,87%	4,41%	3,95%	3,51%	3,09%
	19,90	8,07%	7,50%	6,95%	6,42%	5,90%	5,41%	4,92%	4,46%	4,00%	3,56%	3,14%
	19,95	8,13%	7,56%	7,00%	6,47%	5,96%	5,46%	4,98%	4,51%	4,05%	3,61%	3,19%
	20,00	8,18%	7,61%	7,06%	6,52%	6,01%	5,51%	5,03%	4,56%	4,10%	3,66%	3,23%
	20,05	8,23%	7,66%	7,11%	6,57%	6,06%	5,56%	5,08%	4,61%	4,15%	3,71%	3,28%
	20,10	8,29%	7,71%	7,16%	6,63%	6,11%	5,61%	5,13%	4,66%	4,20%	3,76%	3,33%
	20,15	8,34%	7,77%	7,21%	6,68%	6,16%	5,67%	5,18%	4,71%	4,25%	3,81%	3,38%
	20,20	8,39%	7,82%	7,26%	6,73%	6,21%	5,72%	5,23%	4,76%	4,30%	3,86%	3,43%
	20,25	8,44%	7,87%	7,32%	6,78%	6,26%	5,77%	5,28%	4,81%	4,35%	3,91%	3,48%
	20,30	8,50%	7,92%	7,37%	6,83%	6,31%	5,82%	5,33%	4,86%	4,40%	3,96%	3,53%
	20,35	8,55%	7,97%	7,42%	6,88%	6,36%	5,87%	5,38%	4,91%	4,45%	4,01%	3,58%
	20,40	8,60%	8,03%	7,47%	6,93%	6,41%	5,92%	5,43%	4,95%	4,50%	4,05%	3,62%
	20,45	8,65%	8,08%	7,52%	6,98%	6,46%	5,97%	5,48%	5,00%	4,55%	4,10%	3,67%
	20,50	8,71%	8,13%	7,57%	7,04%	6,52%	6,02%	5,53%	5,05%	4,60%	4,15%	3,72%

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
9-feb-18				Monto	%					Renta		Amortización		
2.167,00	pesos	6,65%	6,19x	100,00	100,00%	2,35	102,35	105,86%	7,500%	22-abr-2018	3,75	22-abr-2026	100,00	22-abr-2026

Tipo de cambio simulado: 20,00

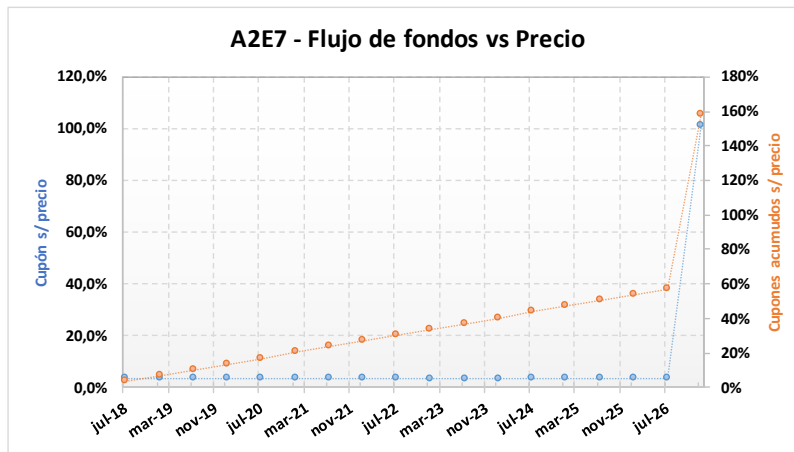


- AA26- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		2.040	2.065	2.090	2.115	2.140	2.167,00	2.190	2.215	2.240	2.265	2.290
TIPO DE CAMBIO SIMULADO	19,50	7,26%	7,04%	6,84%	6,63%	6,43%	6,21%	6,03%	5,84%	5,65%	5,46%	5,28%
	19,55	7,30%	7,09%	6,88%	6,67%	6,47%	6,26%	6,08%	5,88%	5,69%	5,51%	5,32%
	19,60	7,35%	7,13%	6,92%	6,72%	6,52%	6,30%	6,12%	5,93%	5,74%	5,55%	5,37%
	19,65	7,39%	7,18%	6,97%	6,76%	6,56%	6,34%	6,16%	5,97%	5,78%	5,59%	5,41%
	19,70	7,43%	7,22%	7,01%	6,81%	6,60%	6,39%	6,21%	6,01%	5,82%	5,64%	5,45%
	19,75	7,48%	7,27%	7,06%	6,85%	6,65%	6,43%	6,25%	6,06%	5,87%	5,68%	5,49%
	19,80	7,52%	7,31%	7,10%	6,89%	6,69%	6,48%	6,29%	6,10%	5,91%	5,72%	5,54%
	19,85	7,57%	7,35%	7,14%	6,94%	6,73%	6,52%	6,34%	6,14%	5,95%	5,76%	5,58%
	19,90	7,61%	7,40%	7,19%	6,98%	6,78%	6,56%	6,38%	6,19%	6,00%	5,81%	5,62%
	19,95	7,66%	7,44%	7,23%	7,02%	6,82%	6,60%	6,42%	6,23%	6,04%	5,85%	5,66%
	20,00	7,70%	7,49%	7,28%	7,07%	6,86%	6,65%	6,47%	6,27%	6,08%	5,89%	5,71%
	20,05	7,74%	7,53%	7,32%	7,11%	6,91%	6,69%	6,51%	6,31%	6,12%	5,93%	5,75%
	20,10	7,79%	7,57%	7,36%	7,16%	6,95%	6,73%	6,55%	6,36%	6,17%	5,98%	5,79%
	20,15	7,83%	7,62%	7,41%	7,20%	6,99%	6,78%	6,59%	6,40%	6,21%	6,02%	5,83%
	20,20	7,88%	7,66%	7,45%	7,24%	7,04%	6,82%	6,64%	6,44%	6,25%	6,06%	5,87%
	20,25	7,92%	7,70%	7,49%	7,28%	7,08%	6,86%	6,68%	6,48%	6,29%	6,10%	5,92%
	20,30	7,96%	7,75%	7,54%	7,33%	7,12%	6,91%	6,72%	6,53%	6,33%	6,15%	5,96%
	20,35	8,01%	7,79%	7,58%	7,37%	7,17%	6,95%	6,77%	6,57%	6,38%	6,19%	6,00%
	20,40	8,05%	7,83%	7,62%	7,41%	7,21%	6,99%	6,81%	6,61%	6,42%	6,23%	6,04%
	20,45	8,09%	7,88%	7,67%	7,46%	7,25%	7,03%	6,85%	6,65%	6,46%	6,27%	6,08%
	20,50	8,14%	7,92%	7,71%	7,50%	7,29%	7,08%	6,89%	6,70%	6,50%	6,31%	6,13%

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
9-feb-18				Monto	%					Renta		Amortización		
2.050,00	pesos	6,66%	6,83x	100,00	100,00%	0,36	100,36	102,13%	6,875%	26-jul-2018	3,44	26-ene-2027	100,00	26-ene-2027

Tipo de cambio simulado: 20,00



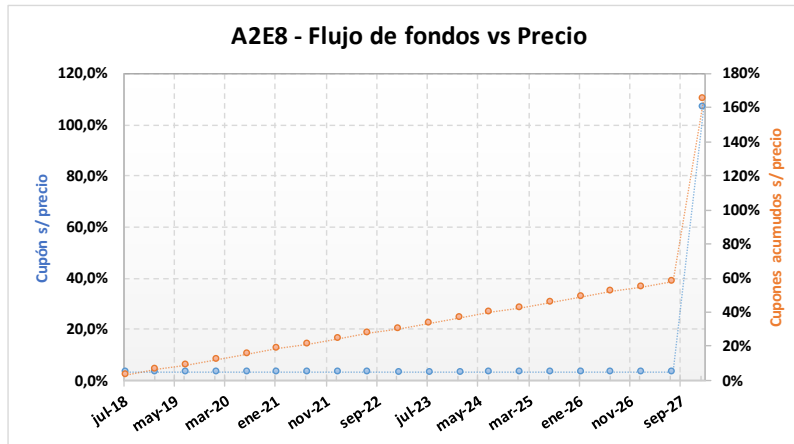
-A2E7- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.800	1.850	1.900	1.950	2.000	2.050,00	2.100	2.150	2.200	2.250	2.300
TIPO DE CAMBIO SIMULADO	19,50	8,33%	7,88%	7,46%	7,05%	6,65%	6,27%	5,90%	5,54%	5,19%	4,85%	4,52%
	19,55	8,37%	7,93%	7,50%	7,09%	6,69%	6,31%	5,93%	5,57%	5,22%	4,89%	4,56%
	19,60	8,41%	7,97%	7,54%	7,13%	6,73%	6,35%	5,97%	5,61%	5,26%	4,92%	4,59%
	19,65	8,45%	8,01%	7,58%	7,17%	6,77%	6,39%	6,01%	5,65%	5,30%	4,96%	4,63%
	19,70	8,49%	8,05%	7,62%	7,21%	6,81%	6,43%	6,05%	5,69%	5,34%	5,00%	4,67%
	19,75	8,53%	8,09%	7,66%	7,25%	6,85%	6,46%	6,09%	5,73%	5,38%	5,04%	4,71%
	19,80	8,57%	8,13%	7,70%	7,29%	6,89%	6,50%	6,13%	5,77%	5,42%	5,08%	4,75%
	19,85	8,61%	8,17%	7,74%	7,33%	6,93%	6,54%	6,17%	5,81%	5,46%	5,11%	4,78%
	19,90	8,65%	8,21%	7,78%	7,37%	6,97%	6,58%	6,21%	5,85%	5,49%	5,15%	4,82%
	19,95	8,70%	8,25%	7,82%	7,41%	7,01%	6,62%	6,25%	5,88%	5,53%	5,19%	4,86%
	20,00	8,74%	8,29%	7,86%	7,45%	7,05%	6,66%	6,29%	5,92%	5,57%	5,23%	4,90%
	20,05	8,78%	8,33%	7,90%	7,49%	7,09%	6,70%	6,32%	5,96%	5,61%	5,27%	4,93%
	20,10	8,82%	8,37%	7,94%	7,53%	7,13%	6,74%	6,36%	6,00%	5,65%	5,30%	4,97%
	20,15	8,86%	8,41%	7,98%	7,57%	7,17%	6,78%	6,40%	6,04%	5,68%	5,34%	5,01%
	20,20	8,90%	8,45%	8,02%	7,61%	7,20%	6,82%	6,44%	6,08%	5,72%	5,38%	5,05%
	20,25	8,94%	8,49%	8,06%	7,65%	7,24%	6,86%	6,48%	6,11%	5,76%	5,42%	5,08%
	20,30	8,98%	8,53%	8,10%	7,69%	7,28%	6,89%	6,52%	6,15%	5,80%	5,46%	5,12%
	20,35	9,02%	8,57%	8,14%	7,72%	7,32%	6,93%	6,56%	6,19%	5,84%	5,49%	5,16%
	20,40	9,06%	8,61%	8,18%	7,76%	7,36%	6,97%	6,59%	6,23%	5,87%	5,53%	5,20%
	20,45	9,10%	8,65%	8,22%	7,80%	7,40%	7,01%	6,63%	6,27%	5,91%	5,57%	5,23%
	20,50	9,14%	8,69%	8,26%	7,84%	7,44%	7,05%	6,67%	6,30%	5,95%	5,60%	5,27%



A2E8 – Bonar 2028 (Ley NY)

Precio del	Moneda de	TIREA en	Duration	Capital residual		Intereses	Valor técnico	Paridad	Tasa de	Próximo servicio				Vencimiento
9-feb-18	cotización	pesos		Monto	%	corridos			cupón	Renta		Amortización		
1.925,00	pesos	6,57%	7,55x	100,00	100,00%	0,55	100,55	95,72%	5,875%	11-jul-2018		11-ene-2028		11-ene-2028

Tipo de cambio simulado: 20,00

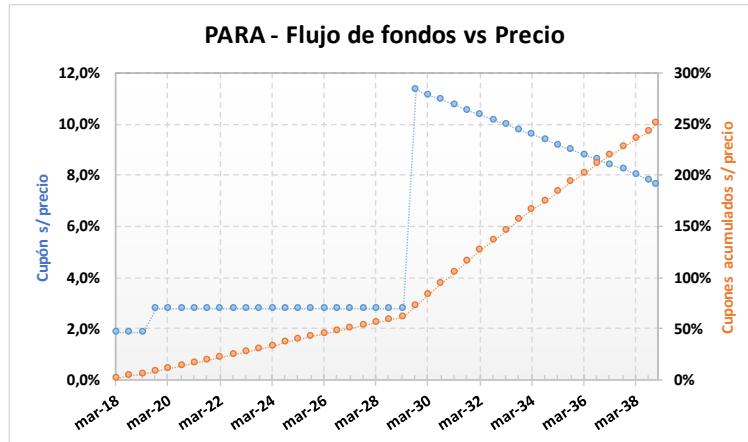


-A2E8- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.675	1.725	1.775	1.825	1.875	1.925,00	1.975	2.025	2.075	2.125	2.175
TIPO DE CAMBIO SIMULADO	19,50	8,21%	7,78%	7,37%	6,97%	6,59%	6,22%	5,86%	5,51%	5,18%	4,85%	4,54%
	19,55	8,25%	7,82%	7,40%	7,01%	6,62%	6,25%	5,89%	5,55%	5,21%	4,89%	4,57%
	19,60	8,28%	7,85%	7,44%	7,04%	6,66%	6,29%	5,93%	5,58%	5,25%	4,92%	4,61%
	19,65	8,32%	7,89%	7,48%	7,08%	6,69%	6,32%	5,97%	5,62%	5,28%	4,96%	4,64%
	19,70	8,36%	7,93%	7,51%	7,12%	6,73%	6,36%	6,00%	5,65%	5,32%	4,99%	4,68%
	19,75	8,40%	7,97%	7,55%	7,15%	6,77%	6,40%	6,04%	5,69%	5,35%	5,03%	4,71%
	19,80	8,43%	8,00%	7,59%	7,19%	6,80%	6,43%	6,07%	5,72%	5,39%	5,06%	4,74%
	19,85	8,47%	8,04%	7,62%	7,22%	6,84%	6,47%	6,11%	5,76%	5,42%	5,10%	4,78%
	19,90	8,51%	8,08%	7,66%	7,26%	6,87%	6,50%	6,14%	5,79%	5,46%	5,13%	4,81%
	19,95	8,54%	8,11%	7,70%	7,30%	6,91%	6,54%	6,18%	5,83%	5,49%	5,16%	4,85%
	20,00	8,58%	8,15%	7,73%	7,33%	6,95%	6,57%	6,21%	5,86%	5,53%	5,20%	4,88%
	20,05	8,62%	8,19%	7,77%	7,37%	6,98%	6,61%	6,25%	5,90%	5,56%	5,23%	4,91%
	20,10	8,66%	8,22%	7,81%	7,40%	7,02%	6,64%	6,28%	5,93%	5,59%	5,27%	4,95%
	20,15	8,69%	8,26%	7,84%	7,44%	7,05%	6,68%	6,32%	5,97%	5,63%	5,30%	4,98%
	20,20	8,73%	8,29%	7,88%	7,48%	7,09%	6,71%	6,35%	6,00%	5,66%	5,33%	5,02%
	20,25	8,77%	8,33%	7,91%	7,51%	7,12%	6,75%	6,39%	6,04%	5,70%	5,37%	5,05%
	20,30	8,80%	8,37%	7,95%	7,55%	7,16%	6,78%	6,42%	6,07%	5,73%	5,40%	5,08%
	20,35	8,84%	8,40%	7,98%	7,58%	7,19%	6,82%	6,46%	6,10%	5,77%	5,44%	5,12%
	20,40	8,88%	8,44%	8,02%	7,62%	7,23%	6,85%	6,49%	6,14%	5,80%	5,47%	5,15%
	20,45	8,91%	8,48%	8,06%	7,65%	7,26%	6,89%	6,52%	6,17%	5,83%	5,50%	5,18%
	20,50	8,95%	8,51%	8,09%	7,69%	7,30%	6,92%	6,56%	6,21%	5,87%	5,54%	5,22%

PARA – Bono Par 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
9-feb-18				Monto	%					Renta		Amortización		
1.345,00	pesos	7,69%	11,21x	100,00	100,00%	0,94	100,94	66,63%	2,500%	31-mar-2018	1,25	30-sep-2029	5,00	

Tipo de cambio simulado: 20,00

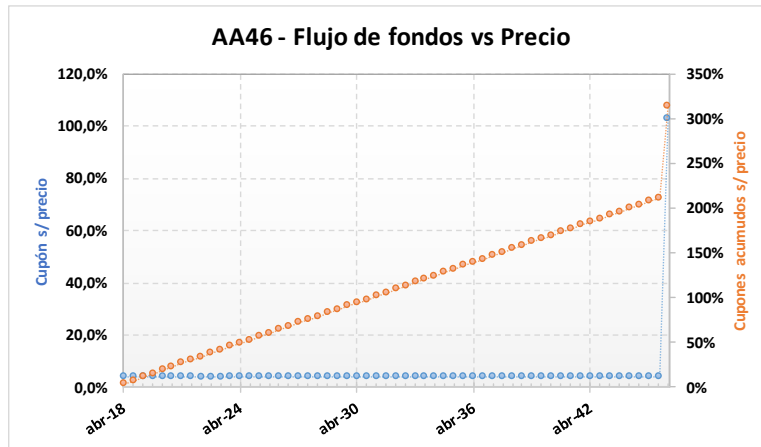


- PARA - SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.220	1.245	1.270	1.295	1.320	1.345,00	1.370	1.395	1.420	1.445	1.470
TIPO DE CAMBIO SIMULADO	19,50	8,40%	8,20%	8,00%	7,81%	7,63%	7,45%	7,28%	7,11%	6,94%	6,78%	6,62%
	19,55	8,42%	8,22%	8,03%	7,84%	7,65%	7,47%	7,30%	7,13%	6,96%	6,80%	6,64%
	19,60	8,45%	8,25%	8,05%	7,86%	7,68%	7,50%	7,32%	7,15%	6,99%	6,82%	6,66%
	19,65	8,47%	8,27%	8,08%	7,89%	7,70%	7,52%	7,35%	7,18%	7,01%	6,85%	6,69%
	19,70	8,50%	8,30%	8,10%	7,91%	7,73%	7,55%	7,37%	7,20%	7,03%	6,87%	6,71%
	19,75	8,52%	8,32%	8,13%	7,94%	7,75%	7,57%	7,40%	7,23%	7,06%	6,89%	6,74%
	19,80	8,55%	8,35%	8,15%	7,96%	7,78%	7,60%	7,42%	7,25%	7,08%	6,92%	6,76%
	19,85	8,57%	8,37%	8,18%	7,99%	7,80%	7,62%	7,44%	7,27%	7,11%	6,94%	6,78%
	19,90	8,60%	8,40%	8,20%	8,01%	7,82%	7,64%	7,47%	7,30%	7,13%	6,97%	6,81%
	19,95	8,62%	8,42%	8,22%	8,03%	7,85%	7,67%	7,49%	7,32%	7,15%	6,99%	6,83%
	20,00	8,65%	8,45%	8,25%	8,06%	7,87%	7,69%	7,52%	7,34%	7,18%	7,01%	6,85%
	20,05	8,67%	8,47%	8,27%	8,08%	7,90%	7,72%	7,54%	7,37%	7,20%	7,04%	6,88%
	20,10	8,70%	8,49%	8,30%	8,11%	7,92%	7,74%	7,56%	7,39%	7,22%	7,06%	6,90%
	20,15	8,72%	8,52%	8,32%	8,13%	7,95%	7,76%	7,59%	7,41%	7,25%	7,08%	6,92%
	20,20	8,75%	8,54%	8,35%	8,16%	7,97%	7,79%	7,61%	7,44%	7,27%	7,11%	6,94%
	20,25	8,77%	8,57%	8,37%	8,18%	7,99%	7,81%	7,63%	7,46%	7,29%	7,13%	6,97%
	20,30	8,80%	8,59%	8,40%	8,20%	8,02%	7,84%	7,66%	7,49%	7,32%	7,15%	6,99%
	20,35	8,82%	8,62%	8,42%	8,23%	8,04%	7,86%	7,68%	7,51%	7,34%	7,18%	7,01%
	20,40	8,84%	8,64%	8,44%	8,25%	8,07%	7,88%	7,71%	7,53%	7,36%	7,20%	7,04%
	20,45	8,87%	8,67%	8,47%	8,28%	8,09%	7,91%	7,73%	7,56%	7,39%	7,22%	7,06%
	20,50	8,89%	8,69%	8,49%	8,30%	8,11%	7,93%	7,75%	7,58%	7,41%	7,24%	7,08%

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

Precio del	Moneda de	TIREA en u\$s	Duration	Capital residual		Intereses	Valor técnico	Paridad	Tasa de	Próximo servicio				Vencimiento
9-feb-18	cotización			Monto	%	corridos			cupón	Renta		Amortización		
2.022,00	pesos	7,88%	11,60x	100,00	100,00%	2,39	102,39	98,74%	7,625%	22-abr-2018	3,81	22-abr-2046	100,00	

Tipo de cambio simulado: 20,00



- AA46- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.770	1.820	1.870	1.920	1.970	2.022,00	2.070	2.120	2.170	2.220	2.270
TIPO DE CAMBIO SIMULADO	19,50	8,93%	8,65%	8,39%	8,13%	7,89%	7,65%	7,44%	7,23%	7,02%	6,82%	6,63%
	19,55	8,95%	8,68%	8,41%	8,16%	7,92%	7,67%	7,46%	7,25%	7,04%	6,85%	6,66%
	19,60	8,98%	8,70%	8,43%	8,18%	7,94%	7,70%	7,48%	7,27%	7,07%	6,87%	6,68%
	19,65	9,01%	8,73%	8,46%	8,21%	7,96%	7,72%	7,51%	7,29%	7,09%	6,89%	6,70%
	19,70	9,03%	8,75%	8,48%	8,23%	7,99%	7,74%	7,53%	7,32%	7,11%	6,91%	6,72%
	19,75	9,06%	8,78%	8,51%	8,25%	8,01%	7,77%	7,55%	7,34%	7,13%	6,93%	6,74%
	19,80	9,08%	8,80%	8,53%	8,28%	8,03%	7,79%	7,58%	7,36%	7,15%	6,96%	6,76%
	19,85	9,11%	8,83%	8,56%	8,30%	8,06%	7,81%	7,60%	7,38%	7,18%	6,98%	6,79%
	19,90	9,13%	8,85%	8,58%	8,33%	8,08%	7,84%	7,62%	7,41%	7,20%	7,00%	6,81%
	19,95	9,16%	8,88%	8,61%	8,35%	8,11%	7,86%	7,64%	7,43%	7,22%	7,02%	6,83%
	20,00	9,19%	8,90%	8,63%	8,37%	8,13%	7,88%	7,67%	7,45%	7,24%	7,04%	6,85%
	20,05	9,21%	8,93%	8,66%	8,40%	8,15%	7,91%	7,69%	7,47%	7,27%	7,06%	6,87%
	20,10	9,24%	8,95%	8,68%	8,42%	8,18%	7,93%	7,71%	7,50%	7,29%	7,09%	6,89%
	20,15	9,26%	8,98%	8,71%	8,45%	8,20%	7,95%	7,74%	7,52%	7,31%	7,11%	6,91%
	20,20	9,29%	9,00%	8,73%	8,47%	8,22%	7,98%	7,76%	7,54%	7,33%	7,13%	6,94%
	20,25	9,31%	9,03%	8,76%	8,50%	8,25%	8,00%	7,78%	7,56%	7,35%	7,15%	6,96%
	20,30	9,34%	9,05%	8,78%	8,52%	8,27%	8,02%	7,80%	7,59%	7,38%	7,17%	6,98%
	20,35	9,37%	9,08%	8,80%	8,54%	8,29%	8,05%	7,83%	7,61%	7,40%	7,20%	7,00%
	20,40	9,39%	9,10%	8,83%	8,57%	8,32%	8,07%	7,85%	7,63%	7,42%	7,22%	7,02%
	20,45	9,42%	9,13%	8,85%	8,59%	8,34%	8,09%	7,87%	7,65%	7,44%	7,24%	7,04%
	20,50	9,44%	9,15%	8,88%	8,62%	8,37%	8,12%	7,90%	7,68%	7,46%	7,26%	7,06%

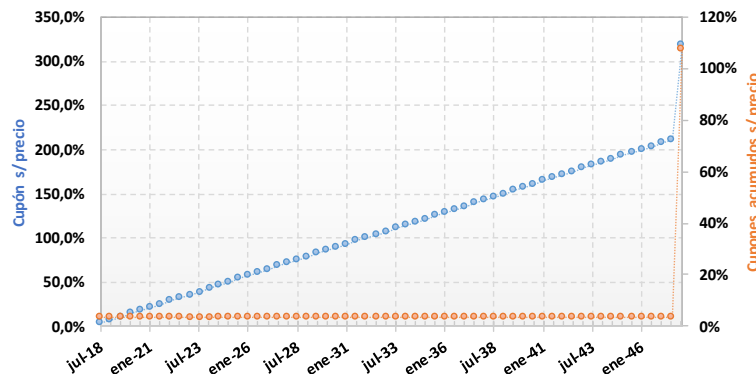


AE48 – Bonar 2048 (Ley NY)

Precio del	Moneda de	TIREA en	Duration	Capital residual		Intereses	Valor técnico	Paridad	Tasa de	Próximo servicio				Vencimiento
9-feb-18	cotización	pesos		Monto	%	corridos			cupón	Renta		Amortización		
1.925,00	pesos	7,36%	12,64x	100,00	100,00%	0,65	100,65	95,63%	6,875%	11-jul-2018	3,44	11-ene-2048	100,00	11-ene-2048

Tipo de cambio simulado: 20,00

AE48 - Flujo de fondos vs Precio



-AE48- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.675	1.725	1.775	1.825	1.875	1.925,00	1.975	2.025	2.075	2.125	2.175
TIPO DE CAMBIO SIMULADO	19,50	8,37%	8,10%	7,85%	7,60%	7,37%	7,15%	6,94%	6,73%	6,54%	6,35%	6,17%
	19,55	8,39%	8,12%	7,87%	7,63%	7,39%	7,17%	6,96%	6,75%	6,56%	6,37%	6,19%
	19,60	8,42%	8,15%	7,89%	7,65%	7,42%	7,19%	6,98%	6,78%	6,58%	6,39%	6,21%
	19,65	8,44%	8,17%	7,91%	7,67%	7,44%	7,21%	7,00%	6,80%	6,60%	6,41%	6,23%
	19,70	8,46%	8,19%	7,94%	7,69%	7,46%	7,24%	7,02%	6,82%	6,62%	6,43%	6,25%
	19,75	8,49%	8,22%	7,96%	7,71%	7,48%	7,26%	7,04%	6,84%	6,64%	6,45%	6,27%
	19,80	8,51%	8,24%	7,98%	7,74%	7,50%	7,28%	7,06%	6,86%	6,66%	6,47%	6,29%
	19,85	8,53%	8,26%	8,00%	7,76%	7,52%	7,30%	7,08%	6,88%	6,68%	6,49%	6,31%
	19,90	8,56%	8,29%	8,03%	7,78%	7,55%	7,32%	7,11%	6,90%	6,70%	6,51%	6,33%
	19,95	8,58%	8,31%	8,05%	7,80%	7,57%	7,34%	7,13%	6,92%	6,72%	6,53%	6,35%
	20,00	8,60%	8,33%	8,07%	7,83%	7,59%	7,36%	7,15%	6,94%	6,74%	6,55%	6,37%
	20,05	8,63%	8,35%	8,09%	7,85%	7,61%	7,38%	7,17%	6,96%	6,76%	6,57%	6,39%
	20,10	8,65%	8,38%	8,12%	7,87%	7,63%	7,41%	7,19%	6,98%	6,78%	6,59%	6,41%
	20,15	8,68%	8,40%	8,14%	7,89%	7,65%	7,43%	7,21%	7,00%	6,80%	6,61%	6,43%
	20,20	8,70%	8,42%	8,16%	7,91%	7,68%	7,45%	7,23%	7,02%	6,82%	6,63%	6,45%
	20,25	8,72%	8,45%	8,18%	7,94%	7,70%	7,47%	7,25%	7,04%	6,84%	6,65%	6,46%
	20,30	8,75%	8,47%	8,21%	7,96%	7,72%	7,49%	7,27%	7,06%	6,86%	6,67%	6,48%
	20,35	8,77%	8,49%	8,23%	7,98%	7,74%	7,51%	7,29%	7,08%	6,88%	6,69%	6,50%
	20,40	8,79%	8,51%	8,25%	8,00%	7,76%	7,53%	7,31%	7,10%	6,90%	6,71%	6,52%
	20,45	8,82%	8,54%	8,27%	8,02%	7,78%	7,55%	7,33%	7,12%	6,92%	6,73%	6,54%
	20,50	8,84%	8,56%	8,30%	8,04%	7,80%	7,58%	7,36%	7,14%	6,94%	6,75%	6,56%

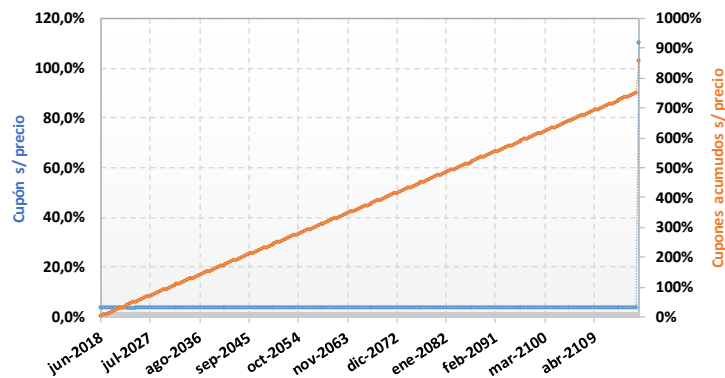


AC17 – Bonar 2117 (Ley NY)

Precio del	Moneda de cotización	TIREA en pesos	Duration	Capital residual		Intereses corridos	Valor técnico	Paridad	Tasa de cupón	Próximo servicio				Vencimiento
9-feb-18				Monto	%					Renta		Amortización		
1.877,00	pesos	7,81%	13,41x	100,00	100,00%	0,93	100,93	92,99%	7,125%	28-jun-2018	3,56	28-jun-2117	100,00	
														28-jun-2117

Tipo de cambio simulado: 20,00

AC17 - Flujo de fondos vs Precio



- AC17- SENSIBILIDAD DE LA TIR		PRECIO EN PESOS SIMULADO										
		1.830	1.840	1.850	1.860	1.870	1.877,00	1.890	1.900	1.910	1.920	1.930
TIPO DE CAMBIO SIMULADO	19,50	7,81%	7,77%	7,72%	7,68%	7,64%	7,61%	7,56%	7,52%	7,48%	7,44%	7,40%
	19,55	7,83%	7,79%	7,75%	7,70%	7,66%	7,63%	7,58%	7,54%	7,49%	7,45%	7,42%
	19,60	7,85%	7,81%	7,77%	7,72%	7,68%	7,65%	7,60%	7,56%	7,51%	7,47%	7,43%
	19,65	7,87%	7,83%	7,79%	7,74%	7,70%	7,67%	7,62%	7,58%	7,53%	7,49%	7,45%
	19,70	7,89%	7,85%	7,81%	7,76%	7,72%	7,69%	7,64%	7,59%	7,55%	7,51%	7,47%
	19,75	7,91%	7,87%	7,83%	7,78%	7,74%	7,71%	7,66%	7,61%	7,57%	7,53%	7,49%
	19,80	7,94%	7,89%	7,85%	7,80%	7,76%	7,73%	7,68%	7,63%	7,59%	7,55%	7,51%
	19,85	7,96%	7,91%	7,87%	7,82%	7,78%	7,75%	7,70%	7,65%	7,61%	7,57%	7,53%
	19,90	7,98%	7,93%	7,89%	7,84%	7,80%	7,77%	7,72%	7,67%	7,63%	7,59%	7,55%
	19,95	8,00%	7,95%	7,91%	7,86%	7,82%	7,79%	7,74%	7,69%	7,65%	7,61%	7,57%
	20,00	8,02%	7,97%	7,93%	7,88%	7,84%	7,81%	7,76%	7,71%	7,67%	7,63%	7,59%
	20,05	8,04%	7,99%	7,95%	7,91%	7,86%	7,83%	7,78%	7,73%	7,69%	7,65%	7,61%
	20,10	8,06%	8,01%	7,97%	7,93%	7,88%	7,85%	7,80%	7,75%	7,71%	7,67%	7,63%
	20,15	8,08%	8,03%	7,99%	7,95%	7,90%	7,87%	7,82%	7,77%	7,73%	7,69%	7,65%
	20,20	8,10%	8,06%	8,01%	7,97%	7,92%	7,89%	7,84%	7,79%	7,75%	7,71%	7,67%
	20,25	8,12%	8,08%	8,03%	7,99%	7,94%	7,91%	7,86%	7,81%	7,77%	7,73%	7,69%
	20,30	8,14%	8,10%	8,05%	8,01%	7,96%	7,93%	7,88%	7,83%	7,79%	7,75%	7,71%
	20,35	8,16%	8,12%	8,07%	8,03%	7,98%	7,95%	7,90%	7,85%	7,81%	7,77%	7,73%
	20,40	8,18%	8,14%	8,09%	8,05%	8,00%	7,97%	7,92%	7,87%	7,83%	7,79%	7,75%
	20,45	8,20%	8,16%	8,11%	8,07%	8,02%	7,99%	7,94%	7,89%	7,85%	7,81%	7,77%
	20,50	8,22%	8,18%	8,13%	8,09%	8,04%	8,01%	7,96%	7,91%	7,87%	7,83%	7,79%