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	Volatility of daily returns							EU issuance sample						
	CI	Gov	IVF	MMF	ICPF	OFI	U	CI	Gov	IVF	MMF	ICPF	OFI	U
Excess Volatility: benchmark	<b>0.00339</b> <sup>***</sup> (7.29e-05)	-0.000271 (0.000296)	0.000225 (0.000842)	0.000332 (0.000267)	-0.000647 (0.000768)	0.000306 (0.000409)	-2.86e-05 (1.77e-05)	-0.000569 (0.000948)	-0.000271 (0.000296)	0.000225 (0.000842)	0.000332 (0.000267)	-0.000647 (0.000768)	0.000306 (0.000409)	-2.86e-05 (1.77e-05)
Excess Volatility: own history	<b>0.000811</b> <sup>***</sup> (2.60e-05)	0.00158 <sup>**</sup> (0.000800)	0.000301 (0.000636)	7.13e-05 (0.000354)	0.000425 (0.000490)	-5.59e-06 (0.000219)	-3.15e-05 (2.71e-05)	0.00158 <sup>**</sup> (0.000800)	6.58e-05 (0.00106)	0.000301 (0.000636)	7.13e-05 (0.000354)	0.000425 (0.000490)	-5.59e-06 (0.000219)	-3.15e-05 (2.71e-05)
lag CI	-6.89e-05 <sup>**</sup> (2.94e-05)	<b>0.974</b> <sup>***</sup> (0.00219)	-0.00308 <sup>***</sup> (0.000755)	-0.000332 (0.000524)	-0.00252 <sup>***</sup> (0.000588)	-0.000306 (0.000303)	0.000105 <sup>***</sup> (2.75e-05)	<b>0.974</b> <sup>***</sup> (0.00219)	-0.00127 (0.00138)	-0.00308 <sup>***</sup> (0.000755)	-0.000332 (0.000524)	-0.00252 <sup>***</sup> (0.000588)	-0.000306 (0.000303)	0.000105 <sup>***</sup> (2.75e-05)
lag Gov	-0.000337 <sup>***</sup> (8.03e-05)	-0.0149 <sup>***</sup> (0.00329)	-0.00441 <sup>***</sup> (0.00109)	-0.000551 (0.000708)	-0.00133 (0.00115)	-5.37e-06 (0.000368)	0.000195 <sup>***</sup> (7.38e-05)	-0.0149 <sup>***</sup> (0.00329)	<b>0.995</b> <sup>***</sup> (0.00279)	-0.00441 <sup>***</sup> (0.00109)	-0.000551 (0.000708)	-0.00133 (0.00115)	-5.37e-06 (0.000368)	0.000195 <sup>***</sup> (7.38e-05)
lag IVF	-4.37e-05 (5.31e-05)	0.00974 <sup>***</sup> (0.00323)	<b>0.959</b> <sup>***</sup> (0.00253)	0.00428 <sup>***</sup> (0.000846)	0.00187 <sup>***</sup> (0.000813)	-0.000451 (0.000377)	0.000151 <sup>***</sup> (4.93e-05)	0.00974 <sup>***</sup> (0.00323)	1.29e-07 (0.000253)	<b>0.959</b> <sup>***</sup> (0.00253)	0.00428 <sup>***</sup> (0.000846)	0.00187 <sup>***</sup> (0.000813)	-0.000451 (0.000377)	0.000151 <sup>***</sup> (4.93e-05)
lag MMF	-0.000295 <sup>***</sup> (5.75e-05)	0.00560 (0.00809)	0.000133 (0.00385)	<b>0.941</b> <sup>***</sup> (0.0119)	0.000141 (0.000901)	-0.00179 <sup>**</sup> (0.000726)	4.04e-05 (8.48e-05)	0.00560 (0.00809)	9.01e-05 (0.00284)	0.000133 (0.00385)	<b>0.941</b> <sup>***</sup> (0.0119)	0.000141 (0.000901)	-0.00179 <sup>**</sup> (0.000726)	4.04e-05 (8.48e-05)
lag ICPF	-0.000169 <sup>***</sup> (6.04e-05)	-0.0113 <sup>***</sup> (0.00190)	-0.00248 <sup>***</sup> (0.00116)	0.000944 <sup>*</sup> (0.000502)	<b>0.984</b> <sup>***</sup> (0.00230)	-0.000417 (0.000345)	0.000108 <sup>***</sup> (3.37e-05)	-0.0113 <sup>***</sup> (0.00190)	0.000653 (0.000583)	-0.00248 <sup>***</sup> (0.00116)	0.000944 <sup>*</sup> (0.000502)	<b>0.984</b> <sup>***</sup> (0.00230)	-0.000417 (0.000345)	0.000108 <sup>***</sup> (3.37e-05)
lag OFI	-5.50e-05 (0.000137)	0.00116 (0.0116)	0.00737 (0.00888)	0.000530 (0.000933)	0.00154 (0.00264)	<b>0.949</b> <sup>***</sup> (0.0170)	0.000131 <sup>**</sup> (5.34e-05)	0.00116 (0.0116)	-4.78e-05 (0.000247)	0.00737 (0.00888)	0.000530 (0.000933)	0.00154 (0.00264)	<b>0.949</b> <sup>***</sup> (0.0170)	0.000131 <sup>**</sup> (5.34e-05)
lag U	-0.00604 <sup>***</sup> (0.00163)	-0.0704 (0.233)	-0.0180 (0.158)	0.233 <sup>**</sup> (0.0937)	0.0770 <sup>*</sup> (0.0451)	0.0177 (0.0207)	<b>0.539</b> <sup>***</sup> (0.0736)	-0.0704 (0.233)	-0.00481 (0.0463)	-0.0180 (0.158)	0.233 <sup>**</sup> (0.0937)	0.0770 <sup>*</sup> (0.0451)	0.0177 (0.0207)	<b>0.539</b> <sup>***</sup> (0.0736)
Residual maturity (days)	-0.000201 <sup>***</sup> (2.15e-05)	8.01e-06 (1.59e-05)	2.15e-05 (2.14e-05)	-6.34e-05 <sup>***</sup> (8.85e-06)	3.42e-05 <sup>**</sup> (1.41e-05)	-1.31e-05 (1.32e-05)	-3.73e-07 (2.87e-07)	8.01e-06 (1.59e-05)	7.05e-06 (5.02e-06)	2.15e-05 (2.14e-05)	-6.34e-05 <sup>***</sup> (8.85e-06)	3.42e-05 <sup>**</sup> (1.41e-05)	-1.31e-05 (1.32e-05)	-3.73e-07 (2.87e-07)
Off the run dummy	0.00373 <sup>**</sup> (0.00184)	-0.00282 (0.0847)	0.0509 (0.0693)	0.0344 (0.0389)	-0.00259 (0.0543)	-0.0117 (0.0172)	0.000628 (0.00213)	-0.00282 (0.0847)	0.00230 (0.0168)	0.0509 (0.0693)	0.0344 (0.0389)	-0.00259 (0.0543)	-0.0117 (0.0172)	0.000628 (0.00213)
Issuance maturity (days)	-0.000731 <sup>***</sup> (7.80e-05)	-0.000571 (0.000702)	-0.000618 (0.000779)	0.00227 <sup>***</sup> (0.000320)	-0.00125 <sup>**</sup> (0.000508)	0.000437 (0.000476)	1.09e-05 (1.01e-05)	-0.000571 (0.000702)	-0.000266 (0.00181)	-0.000618 (0.000779)	0.00227 <sup>***</sup> (0.000320)	-0.00125 <sup>**</sup> (0.000508)	0.000437 (0.000476)	1.09e-05 (1.01e-05)
Issuance price	-0.00307 <sup>***</sup> (0.000434)	-0.00524 (0.00666)	0.000687 (0.00738)	0.000158 (0.00571)	-0.00378 (0.00356)	0.00238 (0.00292)	0.000287 <sup>***</sup> (9.29e-05)	-0.00524 (0.00666)	-0.00151 (0.000982)	0.000687 (0.00738)	0.000158 (0.00571)	-0.00378 (0.00356)	0.00238 (0.00292)	0.000287 <sup>***</sup> (9.29e-05)
Coupon rate	0.00484 <sup>***</sup> (0.00156)	-0.00928 (0.0174)	-0.0119 (0.0150)	-0.00880 (0.00673)	0.0145 (0.00939)	-0.00893 (0.00551)	-0.000398 (0.000370)	-0.00928 (0.0174)	-0.00477 <sup>*</sup> (0.00283)	-0.0119 (0.0150)	-0.00880 (0.00673)	0.0145 (0.00939)	-0.00893 (0.00551)	-0.000398 (0.000370)
Amounts outstanding (mn EUR)	-1.00e-05 <sup>***</sup> (1.27e-06)	0.000120 <sup>***</sup> (4.43e-05)	-1.84e-05 (2.38e-05)	2.65e-05 (1.91e-05)	7.58e-05 <sup>***</sup> (1.84e-05)	8.25e-08 (8.82e-06)	3.34e-06 <sup>***</sup> (1.16e-06)	0.000120 <sup>***</sup> (4.43e-05)	-4.28e-06 (4.40e-06)	-1.84e-05 (2.38e-05)	2.65e-05 (1.91e-05)	7.58e-05 <sup>***</sup> (1.84e-05)	8.25e-08 (8.82e-06)	3.34e-06 <sup>***</sup> (1.16e-06)
Herfindahl index	-0.0127 <sup>***</sup> (0.00381)	2.930 <sup>***</sup> (0.285)	0.283 <sup>**</sup> (0.138)	-0.0935 (0.0878)	0.417 <sup>***</sup> (0.104)	-0.00476 (0.0575)	-0.0359 <sup>***</sup> (0.00586)	2.930 <sup>***</sup> (0.285)	-0.0201 (0.0230)	0.283 <sup>**</sup> (0.138)	-0.0935 (0.0878)	0.417 <sup>***</sup> (0.104)	-0.00476 (0.0575)	-0.0359 <sup>***</sup> (0.00586)
Yield to maturity	0.00317 <sup>***</sup> (0.000560)	-0.0228 <sup>**</sup> (0.00108)	-0.0112 <sup>***</sup> (0.00141)	-0.00870 <sup>***</sup> (0.00175)	0.000131 (0.00277)	0.00140 (0.000942)	3.47e-05 (5.40e-05)	-0.0228 <sup>**</sup> (0.00108)	0.00108 (0.00109)	-0.0112 <sup>***</sup> (0.00141)	-0.00870 <sup>***</sup> (0.00175)	0.000131 (0.00277)	0.00140 (0.000942)	3.47e-05 (5.40e-05)
Control dummies	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Observations	34,860	34,860	34,860	34,860	34,860	34,860	34,860	34,860	34,860	34,860	34,860	34,860	34,860	34,860
Adjusted R-squared	0.616	0.985	0.951	0.902	0.984	0.938	0.263	0.985	0.974	0.951	0.902	0.984	0.938	0.263

Clustered standard errors in parentheses, \*\*\*, \*\* and \* denote statistical significance at the 1%, 5% and 10% levels, respectively. All first stage regressions contain an intercept, as well as the following exogenous dummy variables: region identifiers (i.e. non-euro area EU, and euro area groups B and C), CoCo, foreign exchange issuance, rating, seniority, coupon type and time.



















## Acknowledgements

This paper has benefitted from insightful comments and suggestions from Jan Pieter Krahnert and Simone Manganelli. We are also grateful for very useful comments and discussions with Ivan Alves, Mahir Binici, Lorenzo Cappiello, Horst Entorf, Alvaro Santos Rivera, Eugen Tereanu and further colleagues at the ECB. The kind help on dataset related issues from Urszula Kochanska, Christian Perales, Linda Fache Rousová and the ECB's Market Data team are gratefully acknowledged. All remaining errors are our own. The views expressed in the paper are those of the authors and do not necessarily reflect those of the ECB.

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ISBN 978-92-899-3538-8

ISSN 1725-2806

doi:10.2866/46155

QB-AR-19-057-EN-N