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SUPPLEMENTARY MATERIAL
Turbulence in compact to giant H II regions

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APPENDIX D: ADDITIONAL COVARIANCE CORNER PLOTS FOR MODEL FITS

Supplementary online-only material.

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Table D1. Fitting parameters.

H II Region	No. points merged	Relatively uncertainty	Weight / No. points Small scales	Weight / No. points Large scales	Max. separation	Reduced chi-square	Autocorrelation time	Acceptance fraction
Orion	3	0.02	–	–	$0.5L$	0.82	60	0.55
EON	–	0.03	2.0/3	3.0/3	$0.7L$	0.62	40	0.64
Lagoon	2	0.08	2.5/16	2.5/8	$0.5L$	0.94	72	0.50
Carina	2	0.055	3.0/14	3.0/4	$0.5L$	0.94	72	0.50
30 Dor	5	0.07	–	–	$0.9L$	0.98	84	0.54
NGC 346	3	0.02	–	–	$0.5L$	0.83	64	0.54
Hubble V	–	0.05	2.0/3	–	$0.6L$	0.86	340	0.44
Hubble X	–	0.032	2.0/4	2.0/6	$0.5L$	0.73	79	0.49
NGC 595	–	0.055	4.5/3	3.0/5	$0.5L$	0.83	67	0.51
NGC 604	–	0.08	2.0/3	1.5/2	$0.5L$	0.92	112	0.45

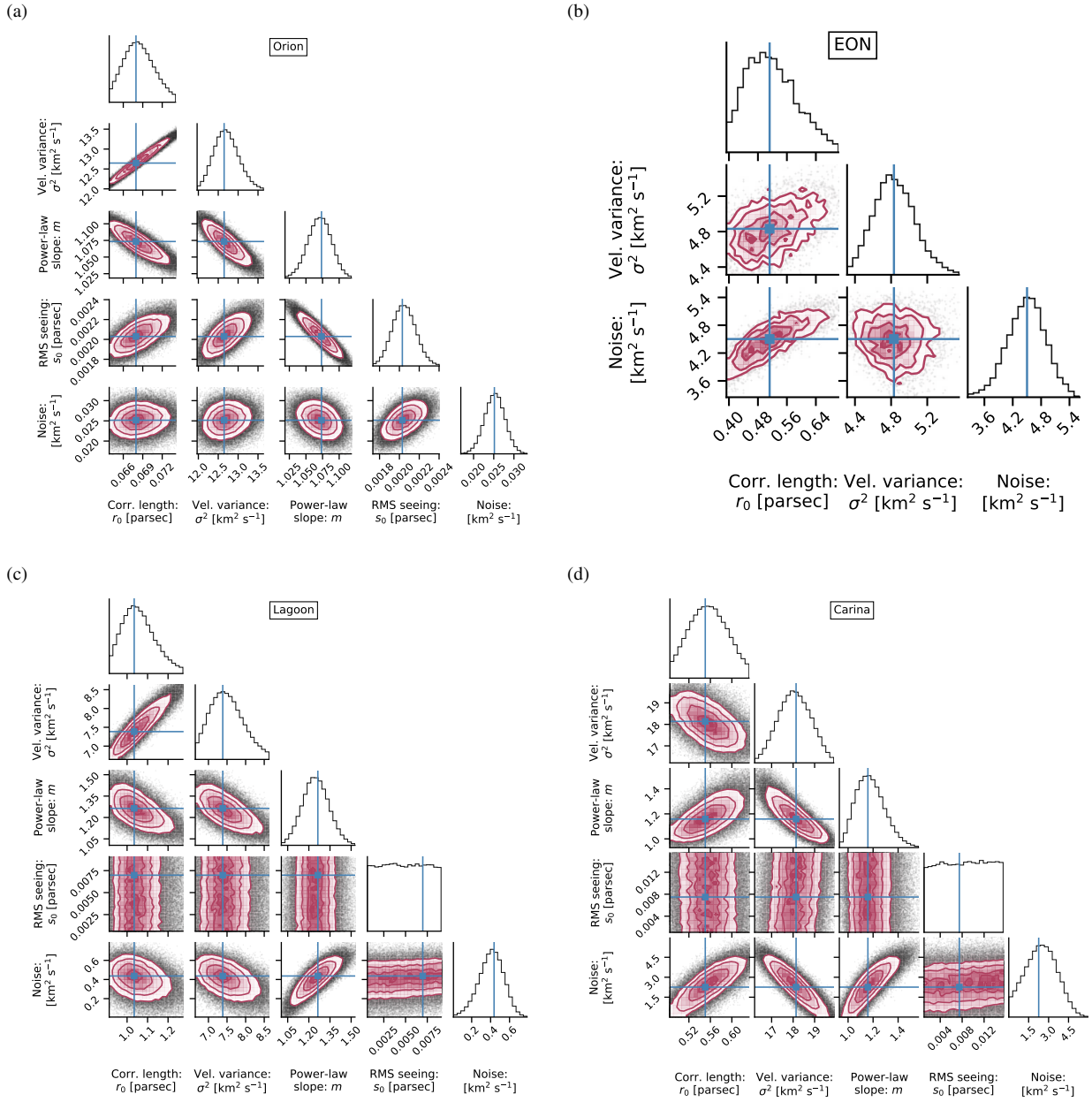

Figure D1. Corner plots of covariances between fitted model parameters of Hα structure function for Galactic H II regions.

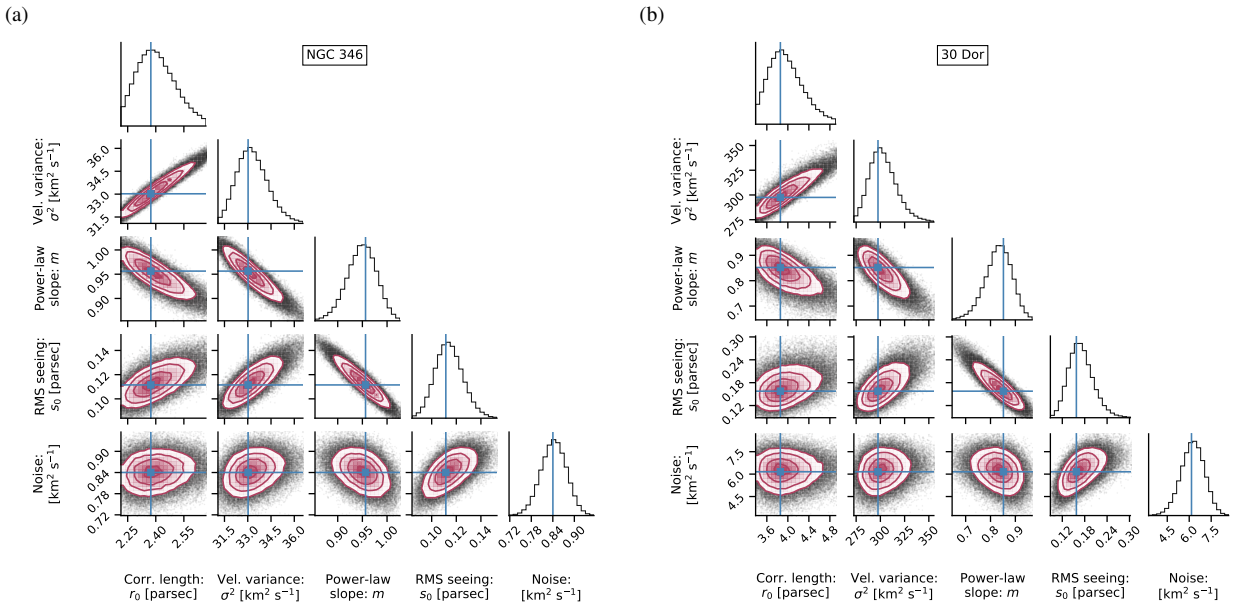

Figure D2. Same as figure D1 except for Magellanic Cloud H II regions.

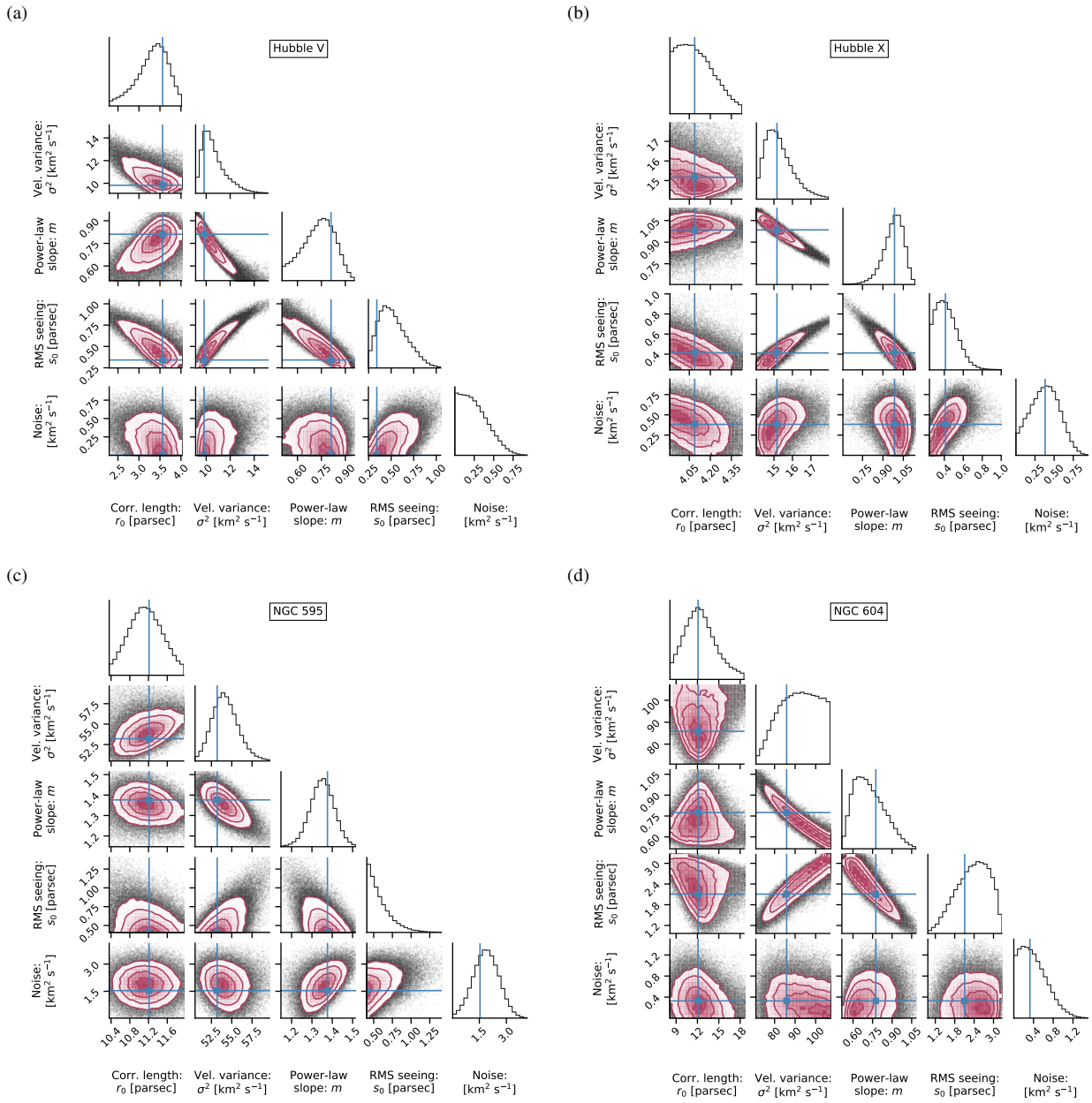

Figure D3. Same as figure D1 except for H II regions in more distant Local Group Galaxies.