

Publication List

Summary: This document contains all of the papers on which I am credited with authorship. I have divided them into three sections: 1) 1st author or supervisor of 1st author, 2) co-author, major contributor, and 3) co-author. I have marked pre-prints (i.e., available on the arXiv but not yet accepted for publications) with an asterisk.

I have bolded the titles of papers I believe are my most significant and on which my contribution was essential.

In each section, publications are listed in descending order by date.

1) 1st-Author or supervisor of 1st-author (updated July 15th, 2016)

[1*] *The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: Observational systematics and baryon acoustic oscillations in the correlation function*

Ross, A. J., et al. 2016, arXiv:1607.03145, submitted to MNRAS

This work was led by AJR. He conceived of the project and decided on the analysis performed. He wrote over 90% of the text, made all of the figures and performed all of the analysis except for the results presented in Appendix D.

[2] *Galaxy bispectrum, primordial non-Gaussianity and redshift space distortions*

Tellarini, M., **Ross, A. J.**, Tasinato, G., Wands, D. 2016, JCAP, 6, 014

Contribution from AJR: Advised M. Tellarini specifically on numerical analysis techniques, interpretation, and presentation throughout project (and generally as 2nd supervisor), edited

[3] *The Information Content of Anisotropic Baryon Acoustic Oscillation Scale Measurements*

Ross, A. J., Percival, W. J., Manera, M. 2015, MNRAS, 451, 1331

This work was led by AJR. He conceived of the project with WJP, determined most of the analytical results and all of the empirical results. He wrote over 80% of the text and made all of the figures.

[4] *The Clustering of the SDSS DR7 Main Galaxy Sample I: A 4 per cent Distance Measure at $z=0.15$*

Ross, A. J., Samushia, L., Howlett, C., Percival, W., Burden, A., Manera, M. 2015, MNRAS 449, 835

This work was led by AJR, and was done in tandem with Howlett et al. below. He conceived of the project and decided on the analysis performed. He wrote over 90% of the text, made all of the figures.

[5] *Non-local bias in the halo bispectrum with primordial non-Gaussianity*

Tellarini, M., **Ross, A. J.**, Tasinato, G., Wands, D. 2015, JCAP, 07, 004

Contribution from AJR: Advised M. Tellarini specifically on numerical analysis techniques, interpretation, and presentation throughout project (and generally as 2nd supervisor), edited

[6] *The Clustering of the SDSS Main Galaxy Sample II: Mock galaxy catalogues and a measurement of the growth of structure from Redshift Space Distortions at $z=0.15$*

Howlett, C., **Ross, A. J.**, Samushia, L., Percival, W., Manera, M. 2015, MNRAS, 449, 848

Contribution from AJR: Conceived of project and worked with Ph.D. student C. Howlett to finish it in every phase. (From sample definition, to model implementation, to interpretation of results, etc.)

[7] *The clustering of galaxies in the SDSS-III DR10 Baryon Oscillation Spectroscopic Survey: no detectable colour dependence of distance scale or growth rate measurements*

Ross, A. J., et al. 2014, MNRAS, 437, 1109

This work was led by AJR. He conceived of the project and decided on the analysis performed. He wrote over 80% of the text, made 16 of the 21 figures and performed all of the analysis except for the results presented in Section 6.

[8] *The Clustering of Galaxies in SDSS-III DR9 Baryon Oscillation Spectroscopic Survey: Constraints on Primordial Non-Gaussianity*

Ross, A. J., et al. 2013, MNRAS, 428, 1116

This work was led by AJR. He conducted all of the statistical tests performed in the paper except those in Appendix C. He wrote over 90% of the draft text and generated all of the figures.

[9] *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: analysis of potential systematics*

Ross, A. J., et al. 2012, MNRAS, 424, 564

This work was led by AJR. He designed and undertook all statistical tests except those in section 6.1, and developed the methods applied to ameliorate systematic effects, where they were found. He wrote 80% of the draft text and made 25 out of the 30 figures. The lead tier of authors undertook the remainder of the work, with other co-authors involved in obtaining the BOSS data used, and contributing to the final editing and polishing of the text.

[10] *Ameliorating Systematic Uncertainties in the Angular Clustering of Galaxies: A Study using SDSS-III*

Ross, A. J., et al. 2011a, MNRAS, 417, 1530

This work was led by AJR. He created the galaxy catalog used in the analysis. He tested the clustering of these galaxies against potential systematic effects and designed methods to ameliorate any systematic effects. He designed all of tests applied, calculated all statistics presented himself, wrote over 90% of the draft text, and generated all of the figures.

[11] *Measuring Redshift-Space Distortions using Photometric Surveys*

Ross, A. J., Percival, W. J., Crocce, M., Cabre, A., & Gaztanaga, E., 2011b, MNRAS, 415, 2193

This work was led by AJR. He conducted all of the statistical tests performed in the paper. He wrote over 90% of the draft text and generated all of the figures himself.

[12] *Understanding the faint red galaxy population using large-scale clustering measurements from SDSS DR7*

Ross, A. J., Tojeiro, R., & Percival, W. J., 2011c, MNRAS, 413, 2078

This work was led by AJR. He conducted all of the statistical tests performed in the paper. He wrote over 80% of the draft text and generated all of the figures.

[13] *Evolution of the clustering of photometrically selected SDSS galaxies*

Ross, A. J., Percival, W. J., & Brunner R. J., 2010, MNRAS, 407, 420

This work was led by AJR. He conducted all of the statistical tests performed in the paper. He wrote over 80% of the draft text and generated all of the figures.

[14] *Halo-model analysis of the clustering of photometrically selected galaxies from SDSS*

Ross, A. J. & Brunner, R. J., 2009, MNRAS, 399, 878

This work was led by AJR, as part of his PhD thesis.. He conducted all of the statistical tests performed in the paper. He wrote over 90% of the draft text and generated all of the figures.

[15] *Normalization of the Matter Power Spectrum via Higher Order Angular Correlations of Luminous Red Galaxies*

Ross, A. J., Brunner, R. J., & Myers, A. D. 2008, ApJ, 682, 737

This work was led by AJR, as part of his PhD thesis. He conducted all of the statistical tests performed in the paper. He wrote over 90% of the draft text and generated all of the figures.

[16] *Higher Order Angular Galaxy Correlations in the SDSS: Redshift and Color Dependence on Nonlinear Bias*

Ross, A. J., Brunner, R. J., & Myers, A. D. 2007, ApJ, 665, 67

This work was led by AJR, as part of his PhD thesis. He conducted all of the statistical tests performed in the paper. He wrote over 90% of the draft text and generated all of the figures.

[17] *Precision Measurements of Higher Order Angular Galaxy Correlations Using 11 Million SDSS Galaxies*

Ross, A. J., Brunner, R. J., & Myers, A. D. 2006, ApJ, 649, 48

This work was led by AJR, as part of his PhD thesis. He conducted all of the statistical tests performed in the paper. He wrote over 90% of the draft text and generated all of the figures.

2.2) Co-Author, major contributor (updated July 15th, 2016)

[18*] *The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological analysis of the DR12 galaxy sample*

Alam, S., et al. 2016, arXiv:1607.03155, submitted to MNRAS (72 total authors, **Ross, A. J.** part of fully alphabetical author list)

Contribution from AJR: Wrote in sections 1, 2, 3, 5, 7, and 8; made Fig. 3; calculated correlation function BAO statistics and analyzed them in conjunction with power spectrum BAO statistics; edited, advised, and discussed interpretation throughout lifetime of project, part of coordinated release of SDSS-III BOSS DR12 analyses

[19*] *The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: Baryon Acoustic Oscillations in Fourier-space*

Beutler, F., Seo, H.-J., **Ross, A. J.**, et al (26 additional authors) 2016, arXiv:1607.03150, submitted to MNRAS

Contribution from AJR: discussed methods for modeling the BAO signal and interpreting the results throughout lifetime of project; edited

[20] *The SDSS-IV extended Baryonic Oscillation Spectroscopic Survey: Luminous Red Galaxy Target Selection*

Prakash, A., Licquia, T. C., Newman, J. A., **Ross, A. J.** et al. (25 additional authors) 2016, ApJS, 224, 34

Contribution from AJR: advised throughout lifetime of the project; assessed the potential cosmological value and observational systematics associated with proposed LRG samples; edited

[21] *Modeling the reconstructed BAO in Fourier space*

Seo, H.-J., Beutler, F., **Ross, A. J.**, Saito, S. 2015, MNRAS in press, arXiv:1511.00663

Contribution from AJR: helped conceive of project by developing pieces of the model the paper helps justify; advised on meaning of results throughout its lifetime; edited

[22] *Large scale distribution of total mass versus luminous matter from Baryon Acoustic Oscillations: First search in the SDSS-III BOSS Data Release 10*

Soumagnac, M. T., Barkana, R., Sabiu, C. G., Loeb, A., **Ross, A. J.**, Abdalla, F. B., Balan, S. T., Lahav, O. 2016, Phys. Rev. Letters, 116, 201302

Contribution from AJR: Advised throughout lifetime of project, especially about BOSS data and interpretation of clustering results, edited

[23] *The extended Baryon Oscillation Spectroscopic Survey (eBOSS): a cosmological forecast*

Zhao, G.-B., Wang, Y., **Ross, A. J.**, et al. 2016, MNRAS, 457, 2377 (31 total authors)

Contribution from AJR: confirmed many of the calculations with own forecasting code; advised throughout lifetime of project; edited

[24] *SDSS-III Baryon Oscillation Spectroscopic Survey Data Release 12: galaxy target selection and large scale structure catalogues*

Reid, B., et al. 2016, MNRAS, 455, 1553 (AJR 10th, 42 total authors)

Contribution from AJR: wrote text describing how systematic weights are determined for use in BOSS catalogs; part of BOSS DR12 results

[25] *Galaxy clustering, photometric redshifts and diagnosis of systematics in the DES Science Verification data*

Crocce, M., Carretero, J., Bauer, A. H., **Ross, A. J.**, et al. 2016, MNRAS, 455, 4301 (87 total authors)

Contribution from AJR: contributed to all aspects of analysis throughout project; co-wrote text throughout and edited repeated drafts throughout review process

[26] *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: mock galaxy catalogues for the low-redshift sample*

Manera, M., Samushia, L., Tojeiro, R., Howlett, C., **Ross, A. J.**, et al. 2015, MNRAS, 447, 437 (10 total authors)

Contribution from AJR: edited, advised, and discussed interpretation throughout lifetime of project

[27] The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Baryon Acoustic Oscillations in the Data Release 10 and 11 Galaxy Samples

Anderson, L., et al. 2014, MNRAS, 441, 24 (65 total authors, **Ross, A. J.** part of fully alphabetical author list)

Contribution from AJR: Wrote in sections 2, 4, and 6; made Figs 4,5,6,10,11,12,16, and 17; calculated all isotropic correlation function BAO statistics and analyzed them in conjunction with power spectrum BAO statistics; helped define new systematic weights; managed author list; edited, advised, and discussed interpretation throughout lifetime of project, part of coordinated release of SDSS-III BOSS DR11 analyses

[28] The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: galaxy clustering measurements in the low redshift sample of Data Release 11

Tojeiro, R., **Ross, A. J.**, et al. 2014, MNRAS, 440, 2222 (22 total authors)

Contribution from AJR: wrote sections 5 and 6; made figures 3, 4, 7, 8, 10, 11, 12; calculated all isotropic correlation function BAO statistics; edited, advised, and discussed interpretation throughout lifetime of project

[29] *The Clustering of Galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Including covariance matrix errors*

Percival, W. J., **Ross, A. J.**, et al. 2014, MNRAS, 439, 2531 (22 total authors)

Contribution from AJR: calculated all isotropic correlation function BAO statistics; edited, advised, and discussed interpretation throughout lifetime of project, part of coordinated release of SDSS-III BOSS DR11 analyses

[30] *Primordial non-Gaussianity in the bispectra of large-scale structure*

Tasinato, G., Tellarini, M., **Ross, A. J.**, Wands, D. 2014, JCAP, 03, 032

Contribution from AJR: Advised M. Tellarini on numerical analysis techniques, interpretation, and presentation throughout project, edited

[31] *The SDSS-III Baryonic Oscillation Spectroscopic Survey: Constraints on the Integrated Sachs Wolfe effect*

Hernandez-Monteagudo, C., **Ross, A. J.**, et al. 2014, MNRAS, 438, 1724 (15 total authors)

Contribution from AJR: Created photoz catalogs used in the analysis, advised on their proper treatment, edited

[32] Improved Primordial Non-Gaussianity Constraints from Measurements of Galaxy Clustering and the Integrated Sachs-Wolfe Effect

Giannantonio, T., **Ross, A. J.**, et al. 2014, Phys. Rev. D, 89, 023511 (8 total authors)

Contribution from AJR: Created LRG catalogs used in the analysis, advised on treatment of all galaxy samples, advised on analysis techniques, provided consistency checks, made Figs. 9 and 10, wrote text in III B and D, edited

[33] The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: weighing the neutrino mass using the galaxy power spectrum of the CMASS sample

Zhao, G., Saito, S., Percival, W. J., **Ross, A. J.**, et al. 2013, MNRAS 436, 2038 (18 total authors)

Contribution from AJR: Provided recommendations for treatment of power spectrum measurements, advised on analysis throughout, edited

[34] Large-scale analysis of the SDSS-III DR8 photometric luminous galaxies angular correlation function
de Simoni, F., Sobreira, F., Carnero, A., **Ross, A. J.** et al. 2013, MNRAS, 435, 3071 (9 total authors)

Contribution from AJR: Calculated correlation functions, advised on analysis techniques, edited

[35] The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: a large sample of mock galaxy catalogues

Manera, M., Scoccimarro, R., Percival, W. J., Samushia, L., McBride, C. K., **Ross, A. J.**, et al. , 2013, MNRAS, 428, 1036 (20 total authors)

Contribution from AJR: Provided consistency checks, Made Figs. 12, 15, 16, Table 3, edited

[36] Clustering of Sloan Digital Sky Survey III Photometric Luminous Galaxies: The Measurement, Systematics and Cosmological Implications

Ho S., Cuesta, A., Seo, H., de Putter, R., **Ross, A. J.**, et al. 2012, ApJ, 761, 13 (40 total authors)

Contribution from AJR: Produced catalog used for clustering results and advised on its proper use, made fig. 25, edited

[37] Acoustic scale from the angular power spectra of SDSS-III DR8 photometric luminous galaxies

Seo, H., Ho S., White, M., Cuesta, A., **Ross, A.**, et al. 2012, ApJ, 761, 13 (34 total authors)

Contribution from AJR: Produced catalog used for clustering results and advised on its proper use, provided numbers and text describing catalog, edited

[38] New Neutrino Mass Bounds from Sloan Digital Sky Survey III Data Release 8 Photometric Luminous Galaxies

de Putter, R., Mena, O., Giusarma, E., Ho S., Cuesta, A., Seo, H., **Ross, A.**, et al. 2012, ApJ, 761,12 (21 total authors)

Contribution from AJR: Produced catalog used for clustering results and advised on its proper use, edited

[39] The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Baryon Acoustic Oscillations in the Data Release 9 Spectroscopic Galaxy Sample

Anderson L. et al., 2012, MNRAS, 427, 3435 (**Ross, A. J.** part of fully alphabetical author list, 76 total authors)

Contribution from AJR: Calculated the (un-reconstructed) correlation functions that were used, co-wrote text appearing in Section 3 and Appendix A, managed/produced author list, edited

[40] The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: measurements of the growth of structure and expansion rate at $z=0.57$ from anisotropic clustering

Reid, B. A., Samushia, L., White, M., Percival, W. J., Manera, M., Padmanabhan, N., **Ross, A. J.**, et al., 2012, MNRAS, 426, 2719 (47 total authors)

Contribution from AJR: Provided the recommendations for calculation of correlation functions and corrections for systematics that were used, as described in the results of [5] above, provided consistency checks, edited

- [41] *The significance of the integrated Sachs-Wolfe effect revisited*
Giannantonio, T., Crittenden, R., Nichol, R., & **Ross, A. J.**, 2012, MNRAS, 426, 2581
Contribution from AJR: Advised on systematic tests, edited
- [42] *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological implications of the large-scale two-point correlation function*
Sanchez, A. G., Scoccola, C. G., **Ross, A. J.**, et al., 2012, MNRAS, 425, 415 (56 total authors)
Contribution from AJR: Provided the recommendations for calculation of correlation functions and corrections for systematics that were used, edited
- [43] *The Sloan Digital Sky Survey Data Release 7 galaxy angular power spectrum*
Hayes, B., Brunner, R., **Ross, A.**, 2012, MNRAS, 421, 2043
Contribution from AJR: Provided code for model calculations, data in SDSSpix pixelization, advised and edited
- [44] *The effect of redshift-space distortions on projected two-point clustering measurements*
Nock, K., Percival, W. J., & **Ross, A. J.** 2010, MNRAS, 407, 520
Contribution from AJR: Wrote text on practical applications, edited
- [45] *A Cross-Correlation Analysis of Mg II Absorption Line Systems and Luminous Red Galaxies from the SDSS DR5*
Lundgren, B. F., Brunner, R. J., York, D. G., **Ross, A. J.**, et al. 2009, ApJ, 698, 819 (9 total authors)
Contribution from AJR: Created LRG photoz catalog and instructed on proper use edited

3) Other Co-Author (updated June 2016)

- [46*] *Redshift Weights for Baryon Acoustic Oscillations : Application to Mock Galaxy Catalogs*
Zhu, Fangzhou., Padmanabhan, N., White, M., **Ross, A. J.**, Zhao, G. 2016, submitted to MNRAS, arXiv: 1604.01050
Contribution from AJR: provided results for comparison; advised on interpretation of results; edited
- [47*] *The large-scale 3-point correlation function of the SDSS BOSS DR12 CMASS galaxies*
Slepian, Z., et al. 2016, submitted to MNRAS, arXiv:1512.02231 (alphabetical after 2nd author, 18 total authors)
Contribution from AJR: Advised on interpretation of results, edited
- [48*] *Signatures of the primordial Universe from its emptiness*
Kitaura, F.-S., et al. 2015, submitted to Phys. Rev. Letters, arXiv:1511.04405 (alphabetical after 6th author, 17 total authors)
Contribution from AJR: Advised on interpretation of results, edited
- [49*] *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: RSD measurement from the LOS-dependent power spectrum of DR12 BOSS galaxies*
Gil-Marín, H., et al. 2015, submitted to MNRAS, arXiv:1509.06386 (alphabetical after 1st two authors, 16 total authors)
Contribution from AJR: determined systematic weights to be used in BOSS DR12 analyses; advised on interpretation of results; part of BOSS DR12 results
- [50*] *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: BAO measurement from the LOS-dependent power spectrum of DR12 BOSS galaxies*
Gil-Marín, H., et al. 2015, submitted to MNRAS, arXiv:1509.06386 (alphabetical after 1st three authors, 18 total authors)
Contribution from AJR: determined systematic weights to be used in BOSS DR12 analyses; advised on interpretation of results; part of BOSS DR12 results

[51*] *Mapping and simulating systematics due to spatially-varying observing conditions in DES Science Verification data*

Leistedt, B. et al. 2015, submitted to MNRAS, arXiv:1507.05647 (AJR in alphabetical group starting after 1st 4 authors, 95 total authors)

Contribution from AJR: Helped conceive of project as DES LSS working group lead, edited

[52] *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Baryon Acoustic Oscillations in the correlation function of LOWZ and CMASS galaxies in Data Release 12*

Cuesta, A. J., et al. 2016, MNRAS, 457, 1770 (alphabetical after 1st two authors, 23 total authors)

Contribution from AJR: determined systematic weights to be used in BOSS DR12 analyses; advised on interpretation of results; part of BOSS DR12 results

[53] *The Dark Energy Survey: more than dark energy - an overview*

Abbot, T., et al. 2016, MNRAS, 219, 12 (fully alphabetical, 139 authors)

Contribution from AJR: Edited and advised on text on galaxy bias

[54] *No galaxy left behind: accurate measurements with faintest objects in the Dark Energy Survey*

Suchyta, E. et al. 2016, MNRAS, 457, 786 (AJR 12th out of 75 total authors)

Contribution from AJR: Helped conceive of project as DES LSS working group lead; advised on application of method to measure galaxy clustering and interpretation of results

[55] *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Mock galaxy catalogues for the final BOSS Data Release*

Kitaura, F.-S., et al. 2016, MNRAS, 456, 4156 (AJR 23rd of 23 total authors)

Contribution from AJR: determined systematic weights to be used in BOSS DR12 analyses; wrote text about interpretation of BOSS large-scale power and observational systematics; part of BOSS DR12 results

[56] *CMB lensing tomography with the DES Science Verification galaxies*

Giannantonio, T. et al. 2015, submitted to MNRAS, arXiv:1507.05551 (AJR in alphabetical group starting after 1st 10 authors, 103 total authors)

Contribution from AJR: contributed to interpretation of results and decisions on best data samples to analyze throughout project, edited

[57] *The SDSS-IV extended Baryonic Oscillation Spectroscopic Survey: Overview and Early Data*

Dawson, K. S. et al. 2016, AJ, 151, 44 (alphabetical after 1st 3 authors, 145 total authors)

Contribution from AJR: worked with co-authors throughout lifetime of the project to assess the cosmological value and observational systematics associated with proposed eBOSS samples

[58] *Cosmological implications of baryon acoustic oscillation (BAO) measurements*

Aubourg, E., et al. 2015, Phys. Rev. D, 9213516 (fully alphabetical, 93 authors)

Contribution from AJR: Aided in implementation of galaxy BAO measurements

[59] *The SDSS-IV extended Baryonic Oscillation Spectroscopic Survey: Quasar Target Selection*

Myers, A. D. et al. 2015, AJ, 221, 27 (AJR 15th out of 37 total authors)

Contribution from AJR: worked with co-authors throughout lifetime of the project to assess the cosmological value and observational systematics associated with proposed quasar samples

[60] *The Eleventh and Twelfth Data Releases of the Sloan Digital Sky Survey: Final Data from SDSS-III*

Alam, S., et al. 2015, ApJS, 219, 12 (fully alphabetical, 275 authors)

Contribution from AJR: Greater than 1 month FTE spent on SDSS-III analysis

[61] *Sloan Digital Sky Survey III Photometric Quasar Clustering: Probing the Initial Conditions of the Universe using the Largest Volume*

Ho, S., et al. 2015, JCAP, 05, 040 (**Ross, A. J.** 7th, 21 total authors)

Contribution from AJR: Advised on analysis techniques and interpretation, edited

[62] *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Signs of neutrino mass in current cosmological datasets*

Beutler et al. 2014, MNRAS, 444, 3501 (**Ross, A. J.** in alphabetical block starting after 2nd author, 15 total authors)

Contribution from AJR: edited, advised, and discussed interpretation throughout lifetime of project

[63] *SDSS-III Baryon Oscillation Spectroscopic Survey: Analysis of Potential Systematics in Fitting of Baryon Acoustic Feature*

Vargas Magana, M. et al. 2013, MNRAS, 445, 2 (**Ross, A. J.** 9th, 15 total authors)

Contribution from AJR: edited, advised on interpretation of results, part of coordinated release of SDSS-III BOSS DR11 analyses

[64] *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Testing gravity with redshift-space distortions using the power spectrum multipoles*

Beutler et al. 2014, MNRAS, 443, 1065 (**Ross, A. J.** in alphabetical block starting after 3rd author, 18 total authors)

Contribution from AJR: edited, advised on interpretation of results, part of coordinated release of SDSS-III BOSS DR11 analyses

[65] *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: modeling of the luminosity and colour dependence in the Data Release 10*

Guo, H. et al. 2013, MNRAS, 441, 2398 (**Ross, A. J.** in alphabetical block, 17 total authors)

Contribution from AJR: edited, advised on interpretation of results

[66] *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological implications of the full shape of the clustering wedges in the data release 10 and 11 galaxy samples*

Sanchez et al. 2014, MNRAS, 440, 2692 (**Ross, A. J.** in alphabetical block starting after 3rd author, 28 total authors)

Contribution from AJR: edited, advised on interpretation of results, part of coordinated release of SDSS-III BOSS DR11 analyses

[67] *The Clustering of Galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Measuring growth rate and geometry with anisotropic clustering*

Samushia et al. 2014, MNRAS, 439, 3504 (**Ross, A. J.** 7th, 30 total authors)

Contribution from AJR: edited, advised, and discussed interpretation throughout lifetime of project, part of coordinated release of SDSS-III BOSS DR11 analyses

[68] *Characterizing unknown systematics in large scale structure surveys*

Agarwal, N., Ho, S., Myers, A. D., Seo, H., **Ross, A. J.**, et al. 2013, JCAP, 04, 007 (16 total authors)

Contribution from AJR: Advised on analysis techniques and interpretation, edited

[69] *The Tenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-III Apache Point Observatory Galactic Evolution Experiment*

Ahn, C. P., et al. 2014, ApJS, 211, 17 (**Ross, A. J.** part of fully alphabetical author list, 232 total authors)

Contribution from AJR: Greater than 1 month FTE spent on DR10 data analysis

[70] *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Measuring D_A and H at $z=0.57$ from the Baryon Acoustic Peak in the Data Release 9 Spectroscopic Galaxy Sample*

Anderson, L., et al. 2011, MNRAS, 439, 83 (**Ross, A. J.** part of fully alphabetical author list, 38 total authors)

Contribution from AJR: Provided the recommendations for calculation of correlation functions and corrections for systematics that were used, as described in the results of [3] in next section, edited

[71] *The Clustering of Galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Measuring $H(z)$ and $D_A(z)$ at $z = 0.57$ with Clustering Wedges*
Kazin, L., et al. 2013, MNRAS, 435, 64

Contribution from AJR: Provided the recommendations for calculation of correlation functions and corrections for systematics that were used, as described in the results of [2] above, edited

[72] *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: constraints on the time variation of fundamental constants from the large-scale two-point correlation function*
Scoccola, C. G., Sanchez, A. G., Rubino-Martin, J. A., Genova-Santos, R., Rebolo, R., **Ross, A. J.**, et al., 2012, MNRAS, 474, 1392 (17 total authors)

Contribution from AJR: Provided the recommendations for calculation of correlation functions and corrections for systematics that were used, as described in the results of [2] above, edited

[73] *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological constraints from the full shape of the clustering wedges*
Sanchez, A. G., et al. 2013, MNRAS, 433, 1202 (alphabetical after 1st two authors, 22 total authors)

Contribution from AJR: Provided the recommendations for calculation of correlation functions and corrections for systematics that were used, as described in the results of [2] above, edited

[74] *The clustering of galaxies at $z \approx 0.5$ in the SDSS-III Data Release 9 BOSS-CMASS sample: a test for the Λ CDM cosmology*
Nuza, S. E., et al., 2013, MNRAS, 432, 743 (31 total authors)

Contribution from AJR: Provided the recommendations for calculation of correlation functions and corrections for systematics that were used, as described in the results of [2] above, edited

[75] *The Clustering of Galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Luminosity and Color Dependence and Redshift Evolution*
Guo, H., et al., 2013, ApJ, 767, 122 (43 total authors)

Contribution from AJR: Provided the recommendations for calculation of correlation functions and corrections for systematics that were used, as described in the results of [2] above, edited

[76] *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: the low-redshift sample*
Parejko, J., et al., 2013, MNRAS, 429, 98 (39 total authors)

Contribution from AJR: Advised on meaning of results, edited

[77] *The Baryon Oscillation Spectroscopic Survey of SDSS-III*
Dawson, K. S., et al., 2013, AJ, 145, 10 (20 total authors)

Contribution from AJR: edited

[78] *The Ninth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-III Baryon Oscillation Spectroscopic Survey*
Ahn, C., et al. 2012, submitted to ApJS, 203, 21 (fully alphabetical, 236 total authors)

Contribution from AJR: Greater than 1 month FTE spent on SDSS-III DR9 analysis

[79] *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: measuring structure growth using passive galaxies*
Tojeiro, R., Percival, W., et al., 2012, MNRAS, 424 2339 (24 total authors, alphabetical after 2nd)

Contribution from AJR: Provided the recommendations for calculation of correlation functions and corrections for systematics that were used, as described in the results of [2] above, edited

[80] *The progenitors of present-day massive red galaxies up to $z \approx 0.7$ - finding passive galaxies using SDSS-I/II and SDSS-III*
Tojeiro, R., Percival, W., J., Wake, D. A., Maraston, C., Skibba, R. A., Zehavi, I., **Ross, A. J.**, et al., 2012, MNRAS, 424 136 (26 total authors)

Contribution from AJR: Advised on meaning of results, edited

[81] *The morphology of galaxies in the Baryon Oscillation Spectroscopic Survey*

Masters, K. L. et al., MNRAS, 418 1055 (20 total authors)

Contribution from AJR: Provided numbers on mean observational quantities, (e.g., seeing), edited

[82] *SDSS-III: Massive Spectroscopic Surveys of the Distant Universe, the Milky Way Galaxy, and Extra-Solar Planetary Systems*

Eisenstein, D. J., et al. 2011, AJ, 142, 3 (alphabetical after 1st two authors, 240 co-authors)

[83] *The Eighth Data Release of the Sloan Digital Sky Survey: First Data from SDSS-III*

Aihara, H., et al. 2011, ApJS, 193, 29 (fully alphabetical, 182 total authors)

[82] & [83] Contribution from AJR: Greater than 1 month FTE spent on SDSS-III analysis