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Most relevant publications

Riutort-Mayol, Gabriel, Andersen, Michael Riis, Bürkner, Paul-Christian, & Vehtari, Aki. 2020. Hilbert space approximate Bayesian Gaussian processes using Stan. *Submitted*

Riutort-Mayol, Gabriel, Gómez-Rubio, Virgilio, Marqués-Mateu, Ángel, Lerma, José Luis, & Lopez-Quilez, Antonio. 2019a. A Bayesian multilevel random-effects model for estimating noise in image sensor. *IET Image processing*. Under review

Riutort-Mayol, Gabriel, Gómez-Rubio, Virgilio, Lerma, José Luis, & del Hoyo-Meléndez, Julio M. 2019b. Correlated functional models with derivative information for modeling MFS data on rock art paintings. *arXiv preprint arXiv:1910.12575*

Riutort-Mayol, Gabriel, Andersen, Michael Riis, Vehtari, Aki, & Lerma, José Luis. 2019c. Gaussian process with derivative information for the analysis of the sun-light adverse effects on color of rock art paintings. *arXiv preprint arXiv:1911.03454*

Molada-Tebar, Adolfo, Riutort-Mayol, Gabriel, Marqués-Mateu, Ángel, & Lerma, José Luis. 2019. A Gaussian process model for color camera characterization: Assessment in outdoor Levantine rock art scenes. *Sensors*, **19**(21), 4610

Gielen, Eric, Riutort-Mayol, Gabriel, Miralles i Garcia, José Luis, & Palencia Jiménez, José Sergio. 2019. Cost assessment of urban sprawl on municipal services using hierarchical regression. *Environment and Planning B: Urban Analytics and City Science*, 2399808319869345

Gielen, Eric, Riutort-Mayol, Gabriel, Palencia-Jiménez, José Sergio, & Cantarino, Isidro. 2018b. An urban sprawl index based on multivariate and Bayesian factor analysis with application at the municipality level in Valencia. *Environment and Planning B: Urban Analytics and City Science*, **45**(5), 888–914

Marqués-Mateu, Ángel, Lerma, José Luis, & Riutort-Mayol, Gabriel. 2013. Statistical grey level and noise evaluation of Foveon X3 and CFA image sensors. *Optics & Laser Technology*, **48**, 1–15

Other publications

Carrión-Ruiz, Berta, Riutort-Mayol, Gabriel, Molada-Tebar, Adolfo, Lerma, José Luis, & Villaverde, Valentin. 2019. Color degradation mapping of rock art paintings using microfading spectrometry. *Archaeological and Anthropological Sciences*. Under review

del Hoyo-Meléndez, Julio M, Carrión-Ruiz, Berta, Riutort-Mayol, Gabriel, & Lerma, José L. 2019. Lightfastness assessment of Levantine rock art by means of microfading spectrometry. *Color Research & Application*, **44**(4), 547–555

Gielen, Eric, Miralles i Garcia, José Luis, & Riutort-Mayol, Gabriel. 2018a. Multi-dimensional characterization of the Regional Urban Model and the urban sprawl in Valencia. *Sustainability and the City*, 1

Gielen, Eric, Riutort-Mayol, Gabriel, & Palencia-Jiménez, José Sergio. 2016. La dispersión urbana en la Comunidad Valenciana: propuesta de índice de dispersión municipal. *Pages 245–260 of: VIII Congreso Internacional de Ordenación del Territorio: nuevos tiempos, nuevos objetivos. Fuerteventura 25, 26 y 27 de mayo de 2016*. Asociación Interprofesional de Ordenación del Territorio FUNDICOT

Miñana-Fayos, Salvador, Gielen, Eric, & Riutort-Mayol, Gabriel. 2017. Dispersión urbana y sostenibilidad ambiental en la Comunitat Valenciana. *Pages 144–152 of: Primer Congreso en Ingeniería Geomática. Libro de actas*. Editorial Universitat Politècnica de València

Riutort-Mayol, Gabriel, Marqués-Mateu, Ángel, Seguí, Ana Elena, & Lerma, José Luis. 2012. Grey level and noise evaluation of a Foveon X3 image sensor: A statistical and experimental approach. *Sensors*, **12**(8), 10339–10368