

List of Bayesian Tutorial Papers Indexed by Content

Content of Tutorial Paper	List of References
General introduction	Giocoli (2013), Ivarsson, Andersen, Stenling, Johnson, and Lindwall (2015), Kruschke (2010), Van de Schoot et al. (2014), Walker, Gustafson, and Frimer (2007),
Philosophical discussion	Gelman and Shalizi (2013), Haig (2009), Kennedy (2014) McFall and Treat (1999)
Discussing 95% intervals and effect sizes	Intervals (Grayson, 1998), (Scurich & John, 2012) Effect sizes (Cicchetti et al., 2011; Rouanet, 1996),
Comparing frequentist with Bayes	Dienes (2011), De la Fuente, Cañadas, Guàrdia, and Lozano (2009) , Howard, Maxwell, and Fleming (2000), Kuiper and Hoijtink (2010), Rupp, Dey, and Zumbo (2004), van de Schoot, Hoijtink, Mulder, et al. (2011)
Null hypothesis significance testing	Gallistel (2009), Gregson (1997), Krueger (2001), J. K. Kruschke (2011); Kruschke (2013), Masson (2011), Matthews (2011), Sohlberg and Andersson (2005), Wagenmakers, Lodewyckx, Kuriyal, and Grasman (2010), Wetzels et al. (2011), Wetzels and Wagenmakers (2012), Yu, Sprenger, Thomas, and Dougherty (2014)
Model selection by means of the Bayes Factor	Kennedy (2015); Morey and Rouder (2011); Myung and Pitt (1997); Sanborn and Hills (2014); Vanpaemel (2010); Wagenmakers, Wetzels, Borsboom, van der Maas, and Kievit (2012)

Informative hypothesis testing

Overview¹ (Van de Schoot, Hoijtink, & Romeijn, 2011);
general class of models (Gu, Mulder, Deković, & Hoijtink, 2014);
in multivariate analyses (Klugkist, Laudy, & Hoijtink, 2005; Klugkist, Van Wesel, & Bullens, 2011; van de Schoot, Mulder, et al., 2011);
in SEM (van de Schoot, Verhoeven, & Hoijtink, 2013);
for diagnostic hypotheses (Hoijtink, Béland, & Vermeulen, 2014)

Specific models and techniques

cognitive model (Stringer, Borsboom, & Wagenmakers, 2011)
computer adaptive testing (Almond & Mislevy, 1999),
context noise model (Dennis & Humphreys, 2001),
continuous-time stochastic model (Oravecz, Tuerlinckx, & Vandekerckhove, 2011)
data centered clustering (Lee, Taddy, & Gray, 2010),
Degree of Fit With Existing Rorschach Norms (Giromini, Viglione, & McCullaugh, 2015)
decision support systems (Coussement, Benoit, & Antioco, 2015)
gene x environment interaction (Eaves & Erkanli, 2003)
hierarchical modeling (Dyjas, Grasman, Wetzels, van der Maas, & Wagenmakers, 2012; Scheibehenne & Pachur, 2015)
IRT (Geerlings, Laros, Tellegen, & Glas, 2014; Ip, 2010; Sinharay, 2005; Wainer, Wang, Skorupski, &

Bradlow, 2005; W. C. Wang, Chen, & Jin, 2015),
journey-to-crime estimation (Levine, 2009),
latent group analysis (Ortega, Wagenmakers, Lee, Markowitsch, & Piefke, 2012),
latent growth modeling (Depaoli & Boyajian, 2014; Zhang, Hamagami, Wang, Nesselroade, & Grimm, 2007),
mediation analysis (Feinberg, 2012)
meta-analysis (Brannick, 2001; Schmidt & Raju, 2007),
missing data (Carpita & Manisera, 2011; Schafer & Graham, 2002),
multilevel analysis (Palardy, 2010),
reliability analysis (Gajewski, Boyle, & Thompson, 2010)
sequential analyses (Lakens, 2014)
single-case designs (Crawford & Garthwaite, 2007; Rindskopf, 2014a, 2014b; Shadish, 2014)
subgroup analysis (Green et al., 2009)
Structural equation modeling (Muthén & Asparouhov, 2012; Song & Lee, 2012; Stenling, Ivarsson, Johnson, & Lindwall, 2015),

Replication

Iverson, Wagenmakers, and Lee (2010), Lecoutre, Lecoutre, and Poitevineau (2010), Maxwell, Lau, and Howard (2015), Verhagen and Wagenmakers (2014).

Software

BayesGCM (Vanpaemel, 2009),

BayesSDT (John K Kruschke, 2011),
BayesScenParams (Kemp-Benedict, 2010),
BEESTS (Matzke et al., 2013),
BIEMS² (Kluytmans, van de Schoot, Mulder, & Hoijtink, 2012),
BMDS (Okada & Shigemasu, 2009)
BUGS³ (Sheu & O'Curry, 1998), (Donkin, Averell, Brown, & Heathcote, 2009)
JAGS⁴ (Wabersich & Vandekerckhove, 2014),
MCMC GGUM (W. Wang, de la Torre, & Drasgow, 2015),
MorePower 6.0 (Campbell & Thompson, 2012),
StateTrace⁵ (M. Prince, Hawkins, Love, & Heathcote, 2012),
SAS PROC MCMC (Ames & Samonte, 2015),
Six custom programs for single case analyses (Crawford, Garthwaite, & Porter, 2010; Crawford, Garthwaite, & Ryan, 2011),
WBDev (Wetzels, Lee, & Wagenmakers, 2010),
WoMMBAT (Morey & Morey, 2011)

¹ see for a complete overview Hoijtink (2012)

² to cite BIEMS use (Mulder, Hoijtink, & de Leeuw, 2012)

³ to cite BUGS use Lunn, Thomas, Best, and Spiegelhalter (2000)

⁴ to cite JAGS use Plummer (2003)

⁵ see also Melissa Prince, Brown, and Heathcote (2012)

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