	27 January 2025
Finishing hierachical models: (1) Review notation: no posting: yGp: ~ dGp]; +B[sp] (2) <p. (3)="" <p.="" as="" as<="" td=""><td>Reminder ?</td></p.>	Reminder ?
Dest 1 2 (45) O CAS.	Ot 50 ->00
Note? restation Complete pooling: as above - no sp.] of [PP] (PP) Partial pooling on d & B (see also Gelm last wee	an blog post
Many ways to write/complexify these models, we'll review 2 ways:	
(1) Crossed effects] Put on diff. sides of board. (2) Nested effects	
Before we start let's re-parameterize PP model?	
dsp+Bcsp7 > d + dsp+Bsp	Ask frem
dsp+Bcsp7 > d + dsp+Bsp dspNN(4,0) grand mean dspNN(?, osp	
Now, motivating example. There por lines of meta analysis w/ species i	2 off studies
Next draw the column	
See CVS N	
& do no	
There > Do nested, start w/ colum from (vs N) paper.	
Next: Code 101 2 examples => for the best model granthe aim	<u>5</u> .
	only spp.
	et not study to

Simple mixed effects notation including NESTED & 22 January 2025 y ~ (1/5p) + (2/15p) Copied (Somewhat) from yi = dsp[i] + Bsp[i] Xi Regular w/ hier on slopes & intercepts: IMG_20220308...jpg dsp whormal (11, 5%) 25 hyper-prior (still in pictures/sort) 0.25 - B sp ~ normal (MB, 5B) * See CUSN from yi ~ name (gi, og) 27 Jan 2025 Bayes class un (1/site/sp) (1/sp) + (1/sik) + x Sp[site] ~ normal (Mit osit) dsp ~ normal (0, 550 asponormal (Usp, Osp) yi vnormal (y), os yi ~ normal (y, ou)