

*Statz 4 Life*

By Da Statz Krew

(Who are “Chu-millionaire” [Chuck Tate], “J.Lou” [Jeph Loucks], “C<sup>2</sup>” [Chelan Weaver], and “Q-Burt” [Cara Lewis])

featuring “Britney Spearman” [Jennifer Simonds]

Sign up for courses and take you some stats!

Got the difference on the top and that’s error on the bottom

*Bridget:*

Yo! We’re about to start a meta-analysis with this one

Ya’ll know what this is... So, so, sig...

*J.Lou:*

Got 15 down here, 15 more on the block

All incredible techs with equations that pop

If you could call it a drink, call it math on the rocks

If you could call out some knowledge, let’s say I call out a lot

I got like correlation,  $t$ -tests, and even chi-square

I use stats everyday like I’m combing my hair,

I might be stats’ed-out nicely (oh) wit my Student  $t$  (oh),

at a conference wit a presentation [beat]

Populations or samples? You can tell by notation

Now, work all it out; it’s all in the equation...

Cuz when I...

*Britney Spearman:*

Find a correlation that’s description (description)

Need regression lines for prediction (prediction)

*J.Lou:*

I got a One-way ANOVA

Do you know what that means?

That’s when I got three or more independent levels on the scene

I wouldn’t trade it for nothing – only a crazy fool would

So if you catch me in your class making stats something good, just say:

*Chorus (Britney, Chu-millionaire, J.Lou):*

Run that test for me, baby

(Whatcha looking at?)

Let me see your stats

(Letcha see my what?)

Yup, your stats, ya ya your stats

(Sign up for courses and take you some stats!)

Run that test for me, baby

(What cha looking at?)

I wanna see your stats

(You wanna see my what?)

Yup, ya stats, ya ya your stats

(Got the difference on the top and the error’s on the bottom)

*Chu-millionaire:*

What it do, baby  
It's the stats man, Chuck Tate  
Got my tests hot something like they radiate  
Got my interactions and my main effects all set,  
Find those eta-squareds; how much variance you got left?

These stats are gleaming, algorithms smooth like oil  
With calculus the base it's like harvesting from fertile soil  
I put my stats where my mouth is and got a grill  
Equations on my teeth let you know I'm so for real!  
My motivation is to educate on every test  
Measures of effect size are how I calculate success  
I got those pointers and them lectures that be captivating,  
But it's the stats that got these on-lookers spectating  
These equations simply certified a total package  
Open up your book, you see more symbols than a drum kit.  
Them stats are mind blowing, techniques so terrific  
Give props to all your Stats Homies because they were so prolific!

[Chorus]

*C<sup>2</sup>:*

Got them *t*-tests: independent, single sample, related.  
So much to keep straight got you woozy in the head.  
You can catch us at our laptop screens  
Rollin' out the stats, printing pages by the ream

*Q-Burt:*

This what we do in the lab  
Where stats are your grammar  
Estimate parameters  
Get your samples where you can(-uh).  
Where I got them you can spot them:  
On the top and the bottom  
Calculate the effect sizes just so I got them

*C<sup>2</sup>:*

I ain't dissing nobody but let's bring it to the light ('cause)  
Gotta work hard to get stats just right.  
Yeah, people can't focus 'cause their eyesight's blurry  
Trying to rush thru stats in a big ole hurry.

*Q-Burt:*

I got two different chi-squares - it's a fabulous thing -  
Goodness of fit, independence; it's like Kool and the Gang  
And, all three ANOVAs you know that we got them  
(Got the difference on the top and that's error on the bottom)

[Chorus]

*Britney Spearman:*

Hey, how'd you run those tests all day?

And what would you say?

If I told you that my Cohen's  $d$  was point thirty (.30)?

[Chorus]