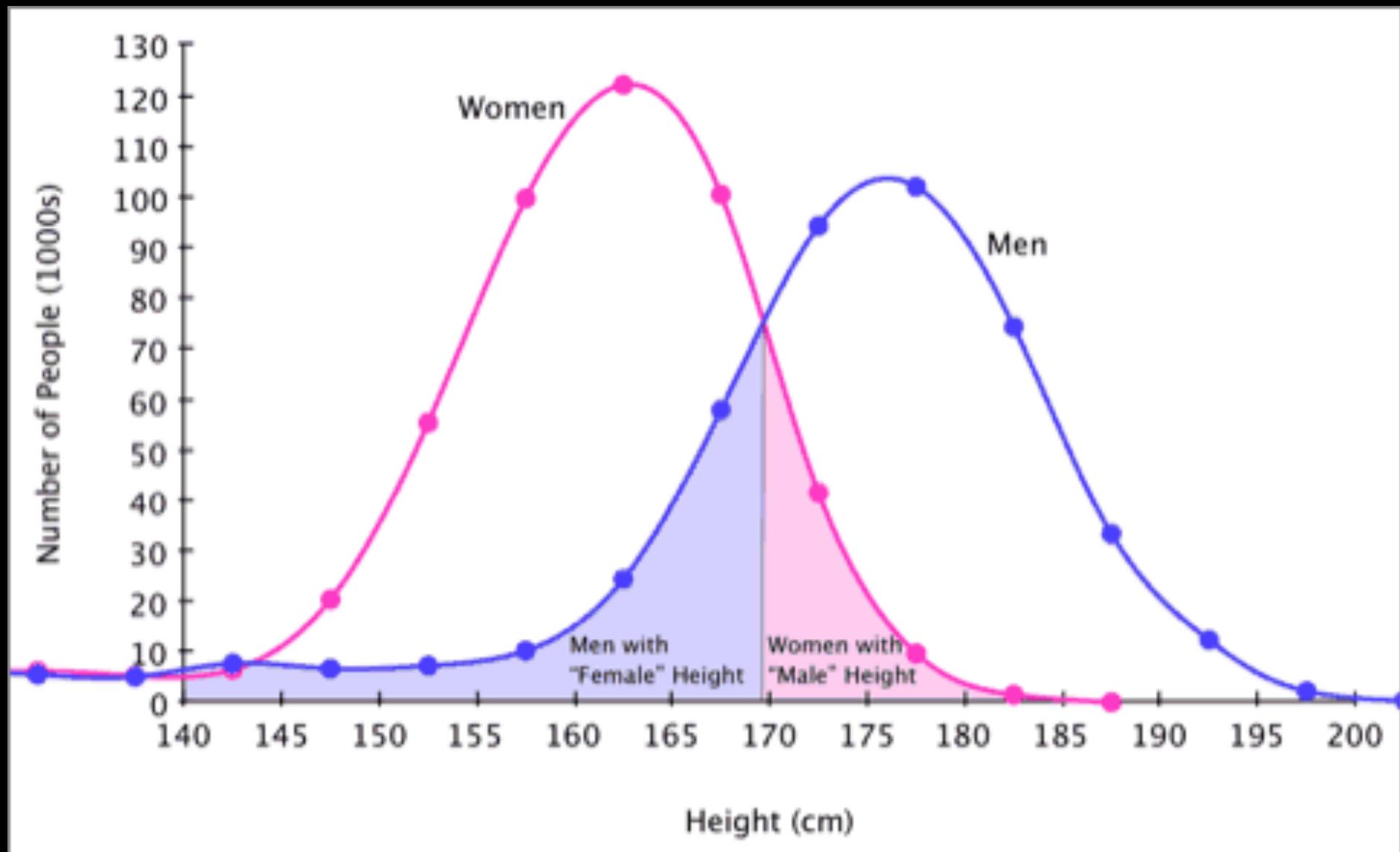


GENDER AND HEALTH II



SEX DIFFERENCES: HEIGHT, FOR EX.



BEYOND A CATALOGUE OF DIFFERENCE

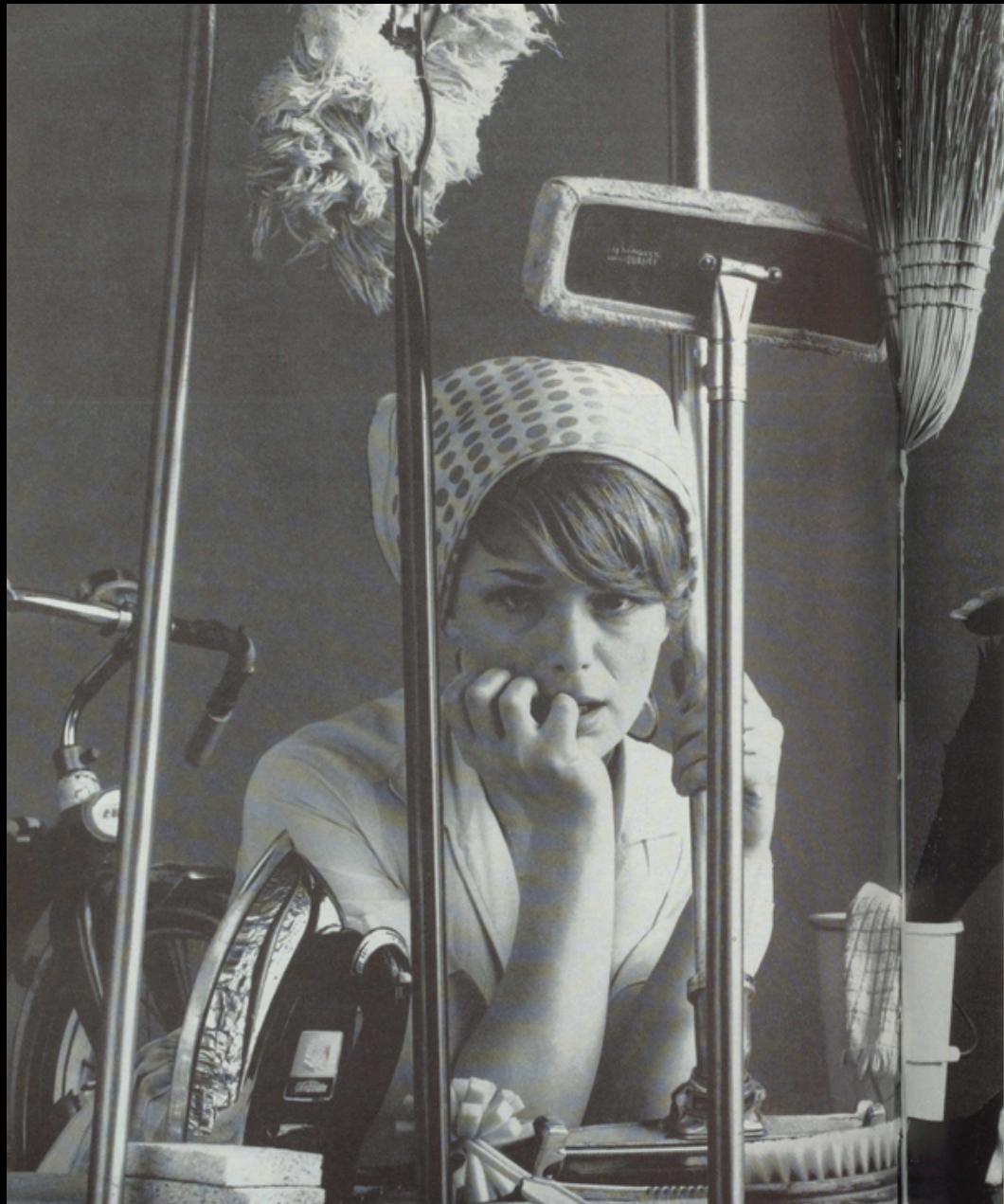
(SPRINGER, STELLMAN, AND JORDAN-YOUNG 2012)

- Sex and gender are so highly interwoven that it's highly conceivable that the majority of male-female health differences are due to the effects of gender as much as sex ("sex/gender entanglement")
- Ex: gendered life experiences affect bone growth and development (Fausto-Sterling 2005), brain structure and functioning (Jordan-Young and Rumiati 2013), neuroendocrine production (Rozanski, Blumenthal, & Kaplan, 1999; Sapolsky 1997...).....

"Even when so seemingly biological and non-social an entity as a 'cell' is assigned a sex, the biography of the individual that the cell came from goes along for the ride, but this is rarely acknowledged, let alone examined, in scientific analyses."

-SPRINGER, STELLMAN, AND JORDAN-YOUNG, 2012

GENDER DISPARITIES SOME SOCIOLOGICAL EXPLANATIONS



You can't set her free.
But you can help her
feel less anxious.

You know this woman.

She's anxious, tense, irritable. She's felt this way for months.

Beset by the seemingly insurmountable problems of raising a young family, and confined to the home most of the time, her symptoms reflect a sense of inadequacy and isolation. Your reassurance and guidance may have helped some, but not enough.

SERAX (oxazepam) cannot change her environment, of course. But it can help relieve anxiety, tension, agitation and irritability, thus strengthening her ability to cope with day-to-day problems. Eventually—as she regains confidence and composure—your counsel may be all the support she needs.

Indicated in anxiety, tension, agitation, irritability, and anxiety associated with depression.

May be used in a broad range of patients, generally with considerable dosage flexibility.

Contraindications: History of previous hypersensitivity to oxazepam. Oxazepam is not indicated in psychoses.

Precautions: Hypotensive reactions are rare, but use with caution where complications could ensue from a fall in blood pressure, especially in the elderly. One patient exhibiting drug dependency by taking a chronic overdose developed upon cessation questionable withdrawal symptoms. Carefully supervise dose and amounts prescribed, especially for patients prone to overdose; excessive prolonged use in susceptible patients (alcoholics, ex-addicts, etc.) may result in dependence or habituation. Reduce dosage gradually after prolonged excessive dosage to avoid possible epileptiform seizures. Caution patients against driving or operating machinery until absence of drowsiness or dizziness is ascertained. Warn patients of possible reduction in alcohol tolerance. Safety for use in pregnancy has not been established.

Not indicated in children under 6 years; absolute dosage for 6 to 12 year-olds not established.

Side Effects: Therapy-interrupting side effects are rare. Transient mild drowsiness is common initially; if persistent, reduce dosage. Dizziness, vertigo and headache have also occurred infrequently; syncope, rarely. Mild paradoxical reactions (excitement, stimulation of affect) are reported in psychiatric patients. Minor diffuse rashes (morbilloform, urticarial and maculopapular) are rare. Nausea, lethargy, edema, slurred speech, tremor and altered libido are rare and generally controllable by dosage reduction. Although rare, leukopenia and hepatic dysfunction including jaundice have been reported during therapy. Periodic blood counts and liver function tests are advised. Ataxia, reported rarely, does not appear related to dose or age.

These side reactions, noted with related compounds, are not yet reported: paradoxical excitation with severe rage reactions, hallucinations, menstrual irregularities, change in EEG pattern, blood dyscrasias (including agranulocytosis), blurred vision, diplopia, incontinence, stupor, disorientation, fever, euphoria and dysmetria.

Availability: Capsules of 10, 15 and 30 mg. oxazepam.

To help you relieve anxiety and tension

Serax®
(oxazepam)



Wyeth Laboratories
Philadelphia, Pa.

MARKETING HEALTH GENDERED ADVERTISEMENTS

now
she can
cope...

thanks to

Butisol^{SODIUM®}
(SODIUM BUTABARBITAL)

"daytime sedative" for
everyday situational stress

When stress is situational—environmental pressure, worry over illness—the treatment often calls for an anxiety-alleviating agent which has a prompt and predictable calming action and is remarkably well tolerated. Butisol Sodium (sodium butabarbital) meets this therapeutic need.

After 30 years of clinical use . . . still a first choice among many physicians for dependability and economy in mild to moderate anxiety.

Contraindications: Porphyria or sensitivity to barbiturates.

Precautions: Exercise caution in moderate to severe hepatic disease. Elderly or debilitated patients may react with marked excitement or depression.

Adverse Reactions: Drowsiness at daytime sedative dose levels; skin rashes, "hangover" and systemic disturbances are seldom seen.

Warning: May be habit forming.

Usual Adult Dosage: As a daytime sedative, 15 mg. (1/4 gr.) to 30 mg. (3/4 gr.) t.i.d. or q.i.d.

Available for daytime sedation: Tablets, 15 mg. (1/4 gr.), 30 mg. (1/2 gr.); Elixir, 30 mg. per 5 cc. (alcohol 7%).

BUTICAPS® [Capsules Butisol Sodium (sodium butabarbital)]
15 mg. (1/4 gr.), 30 mg. (1/2 gr.).

McNEIL

McNeil Laboratories, Inc., Fort Washington, Pa.



KEMPNER 2006

GENDERING MIGRAINES



**RELPAX® (eletriptan HBr) 40 mg
Works Fast and Safe**

RELPAX® (eletriptan HBr) is indicated for the acute treatment of migraine headache in adults.



**RELPAX \$10
Co-pay Card**

KEMPNER 2006

GENDERING MIGRAINES



CE

ms

ended.



Efficacy Enhanced by Incremental Dosing

Available in three convenient once-daily doses.

Initial dosing option 37.5 mg once daily for 4 to 7 days

Usual starting dose 75 mg once daily

Additional dosing options 150 mg once daily[†]

 225 mg once daily[†]

I got my
mommy
back

ONCE-DAILY
VENLAFAXINE HCI
EFFEXOR® XR EXTENDED RELEASE CAPSULES
Means Effective

Please see Important Treatment Considerations and brief summary of Prescribing Information on the last pages of this advertisement.

GENDERING OF DEPRESSION

(METZL AND ANGEL 2004)



Dishes piling
up in the sink?

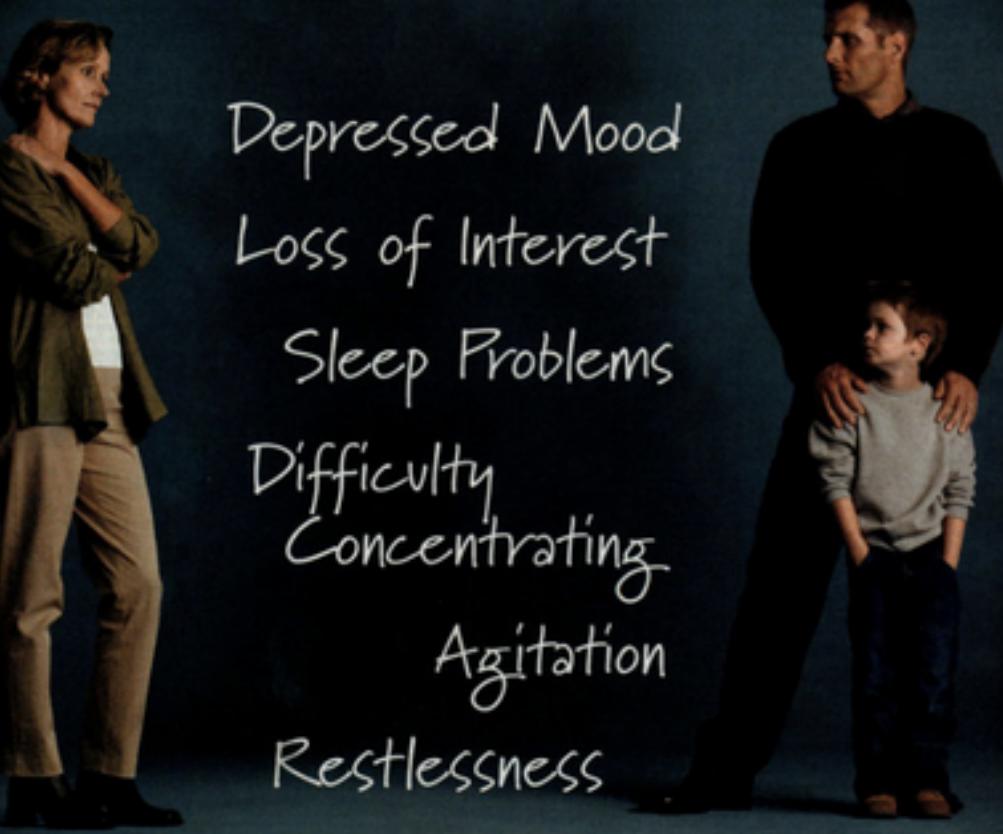
Zoloft



Fig. 1. Non-DSM terms, women targets.

Metzl and Angel 2004

What's standing between you and your life?



Depressed Mood
Loss of Interest
Sleep Problems
Difficulty Concentrating
Agitation
Restlessness

It is too precious to let another day go by feeling not quite "yourself." If you've experienced some of these symptoms of depression nearly every day, for at least two weeks, a chemical imbalance could be to blame. And life can feel difficult ALL DAY.

That's why you need relief ALL DAY. **NOW THERE'S PAXIL CR CONTROLLED-RELEASE TABLETS.**

Paxil CR is a time-release tablet from the makers of Paxil. The CR means Controlled Release for Continuous Relief. Symptom relief usually requires two or more weeks of daily treatment. Prescription Paxil CR is not for everyone. Tell your doctor what medicines you're taking. People taking MAOIs or thioridazine should not take Paxil CR. Paxil CR is generally well tolerated. Side effects may include nausea, diarrhea, constipation, dizziness, sweating, tremor, sexual side effects, injury, yawning, abnormal vision or sleepiness. Patients should not stop taking Paxil CR before talking to their doctor. **Feeling balanced, more like "yourself," is within reach. Call 1-866-PAXIL-CR or visit www.paxilcr.com** Please see product information on following page.



PAXIL CR
PAROXETINE HC
CONTROLLED-RELEASE TABLETS
Your life is waiting!

©GlaxoSmithKline, 2002 PNC19880 Sept. 2002

Sue's playing with her kids again...



just like normal.

Session can keep you from enjoying the simple things they do—
their way. Like
for a jump shot and
"nothing but rim." They
you to help them feel
al again. You can count
to help restore normal

The most commonly observed adverse events associated with the use of Prozac (vs placebo) in US controlled clinical trials for depression, OCD, and bulimia combined were: nausea (23 vs 10%), headache (21 vs 20%), insomnia (20 vs 11%), anxiety (13 vs 8%), nervousness (13 vs 9%), and somnolence (13 vs 6%).

Prozac is contraindicated until at least two weeks have passed since discontinuing an MAO inhibitor, and an MAO inhibitor is contraindicated for at least five weeks after discontinuation of Prozac.

Discontinue immediately if rash or other possibly allergic phenomena appear for which an alternative etiology cannot be determined.

Safety and effectiveness not established

**Proven Profile Helps
Restore Normal Functioning**

PROZAC
fluoxetine hydrochloride

In the management of ADHD,

reveal his potential

ADDERALL XR® Improves Academic Performance¹⁻⁴

- Objective measures of academic performance improved significantly



For the treatment of ADHD (Attention Deficit Hyperactivity Disorder)

A typical school day

Starts CONCERTA®

Pays attention during class

Interacts better with classmates

Forgets homework

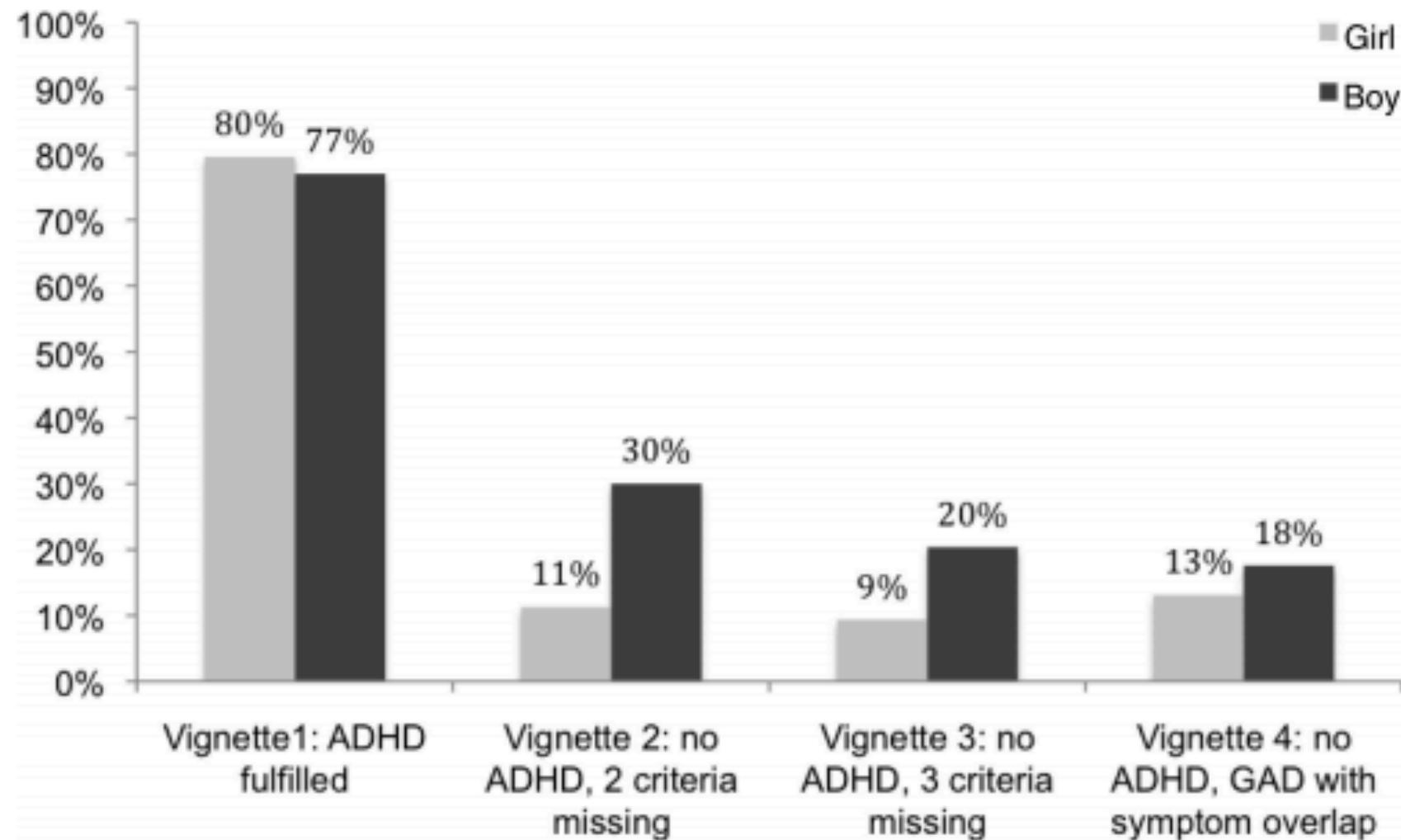
Keeps interrupting teacher

Eats lunch alone

Time to ask your child's doctor about CONCERTA®?



ADHD DIAGNOSES AND DIAGNOSTIC CRITERIA



Bruchmuller, Margraf, and Schneider 2012

EATING DISORDER STATS

- DSM-5 includes anorexia nervosa, bulimia, binge eating disorder, avoidant/restrictive food intake disorder, (pica, rumination,) feeding and eating disorders not otherwise specified
- Affects about 20 million women and 10 million men in the US
 - Underreporting an issue
 - Body dissatisfaction leading contributor of anorexia and bulimia
 - Anorexia nervosa has the highest mortality rate of any psychiatric disorder (Arcelus et al. 2011)
 - 40-60% of elementary school girls are concerned about their weight/becoming fat (Smolak 2011)
 - 10-16% of those with anorexia or bulimia are men - figure appears to be growing

WHAT ARE SOME OF THE CONTRIBUTING
SOCIAL FACTORS TO EATING
DISORDERS FOR MEN AND WOMEN?

(BARLETT ET AL. 2005)

ACTION FIGURES AND MEN

The Evolution of GI Joe



MEDIA'S PORTRAYAL OF APPEARANCE NORMS AND EATING DISORDERS (STRAHAN ET AL. 2008)

VICTORIA'S DIRTY SECRET



TIGGEMANN, SLATER, BURY,
HAWKING, AND FIRTH 2013
DISCLAIMER LABELS
ON FASHION
MAGAZINE
ADVERTISEMENTS



TIGGEMANN, SLATER,
BURY, HAWKING, AND
FIRTH 2013

DISCLAIMER LABELS ON FASHION MAGAZINE ADVERTISEMENTS

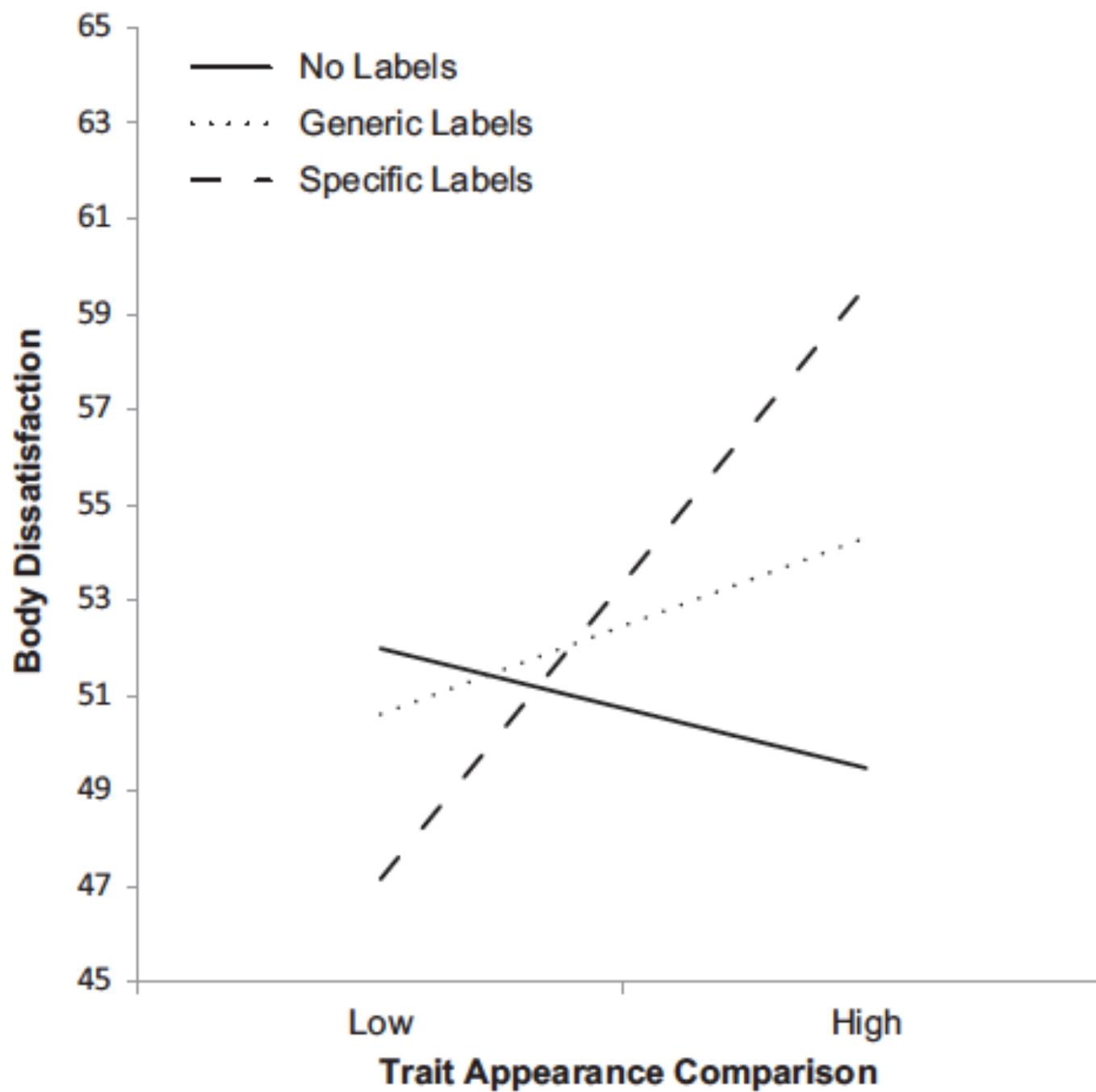


Fig. 1. Body dissatisfaction as a function of warning label condition and trait appearance comparison.

GENDER, STRESSORS, AND SOCIAL STRUCTURE

WOMEN AND POVERTY

Analysis of 2010 U.S. Census data by the National Women's Law Center (NWLC)

MORE THAN
HALF

of poor children lived
in families headed
by women.

17.2
MILLION

women were
living in
poverty.

800,000
MORE

women lived
in poverty in
2010 than
in 2009.
The poverty
rate among
women is the
highest it
has been in
17 years.

Behind today's grim statistics are real
people who are finding it harder than ever
to keep a roof over their heads, feed their
families, get the health care they need and
give their children a chance at a better life.

-JOAN ENTMACHER
NWLC Vice President
for Family Economic Security.

poverty:

The United States Bureau of the
Census measures poverty by
comparing household income
to the poverty threshold. In
2010 the poverty threshold
for a household of four
was **\$22,314**.

extreme poverty:

Also referred to as deep poverty, extreme
poverty is defined as cash income that falls
below half of the poverty threshold. At 6.3 percent,
extreme poverty has reached its highest rate since it
was first measured **22** years ago.



14.5 %

percent of all women
were living in poverty.
This is the highest rate
of poverty in 17 years.

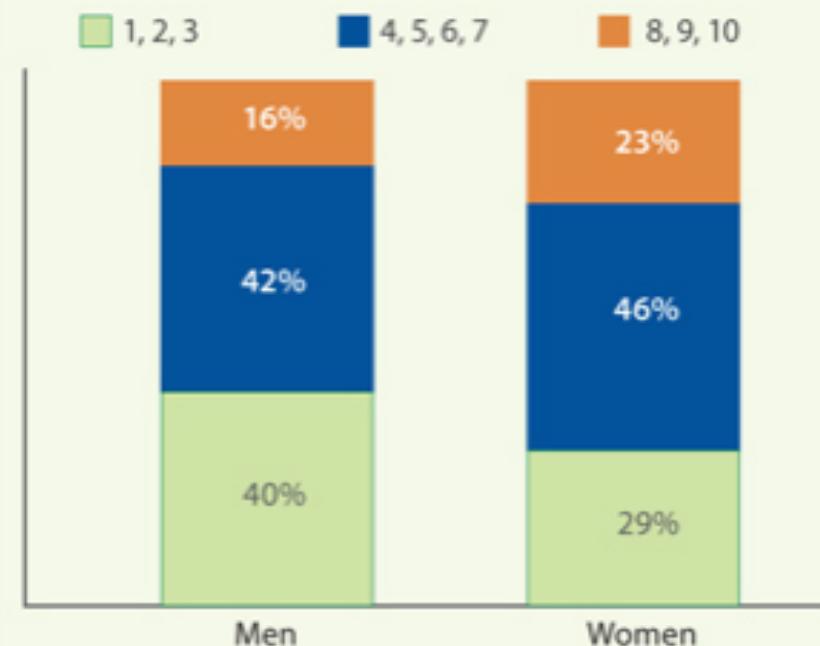
Symptoms of Stress



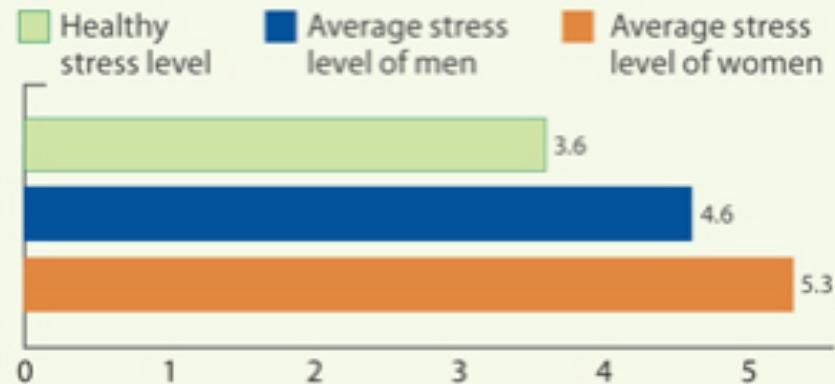
BASE: Male (n=929); Female (n=1091)

Q810, Q7170 Which of the following, if any, have you experienced in the last month as a result of stress?

Average Stress Levels Rated on a 10-Point Scale



Average Stress Levels vs. Healthy Stress Levels



BASE: All respondents (n=2020); Male (n=929); Female (n=1091)

Q605 On a scale of 1 to 10 where 1 means you have little or no stress and 10 means you have a great deal of stress, how would you rate your average level of stress during the past month?

Q610 On a scale of 1 to 10 where 1 means little or no stress and 10 means a great deal of stress, what would you consider a healthy level of stress?

INEQUALITY AND DISCRIMINATION

- Women's health may be increased by expanding women's access to economic resources, family resources, and reproductive rights
 - Chen et al. 2005
 - Pezzini 2005
 - Bird and Rieker 2008