



# Teaching Perspectives are Related to *Level of Education & Teaching Experience*

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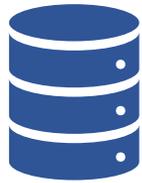
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# INTRODUCTION



An educator's teaching perspective guides them on how to plan their courses, engage with students, and give meaning to the educational experience ([Pratt & Smulders, 2016](#)). Students have different needs throughout their education; teaching styles likely have different effects at different stages of education ([van Scoy, 1994](#)).

Little research has been done on how experience is related to teaching perspectives. Some novice instructors were more in favour of a nurturing perspective; while those with 26 years or greater of experience were more likely to be in favour of a transmission perspective ([Clarke & Jarvis-Selinger, 2005](#)).



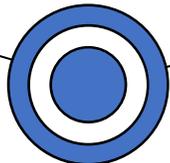
Teaching Perspectives Inventory (TPI): 45 items ([www.teachingperspectives.com](http://www.teachingperspectives.com))

Five teaching perspectives: Transmission, Apprenticeship, Developmental, Nurturing, and Social Reform

## Research Questions

Q1: Is there a relationship between level of teaching (elementary, secondary, college/undergraduate, graduate) and dominant teaching perspective?

Q2: Is there a relationship between teaching experience (novice 0-2 years, advanced novice 3-4 years, experienced 5-9 years, very experienced 10+ years) and dominant teaching perspective?



# METHOD



## PROCEDURE

Launched in 2001  
Over 346,000 responses from around the world  
(as of March 2021)

45 items on 5-point scale

Automatically scored

Provides dominant and recessive perspectives based on score

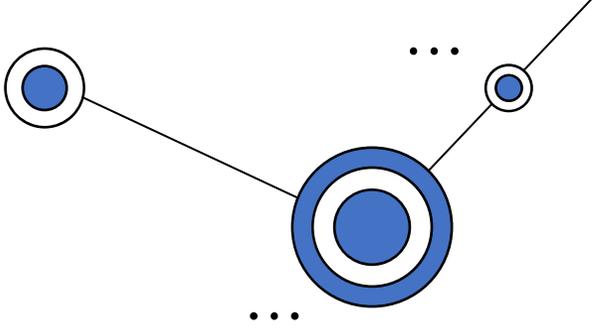
60,520 responses  
- Canada and USA  
- Primary role: teaching  
- Education sector

6,344 duplicates removed if survey twice completed within 1 year (MySQL and Excel)

Dominant perspectives calculated in Excel (if two dominant, highest one chosen)

Two chi-square tests of independence (and Cramer's V) were conducted (Jamovi)

Final sample:  $n = 54,176$

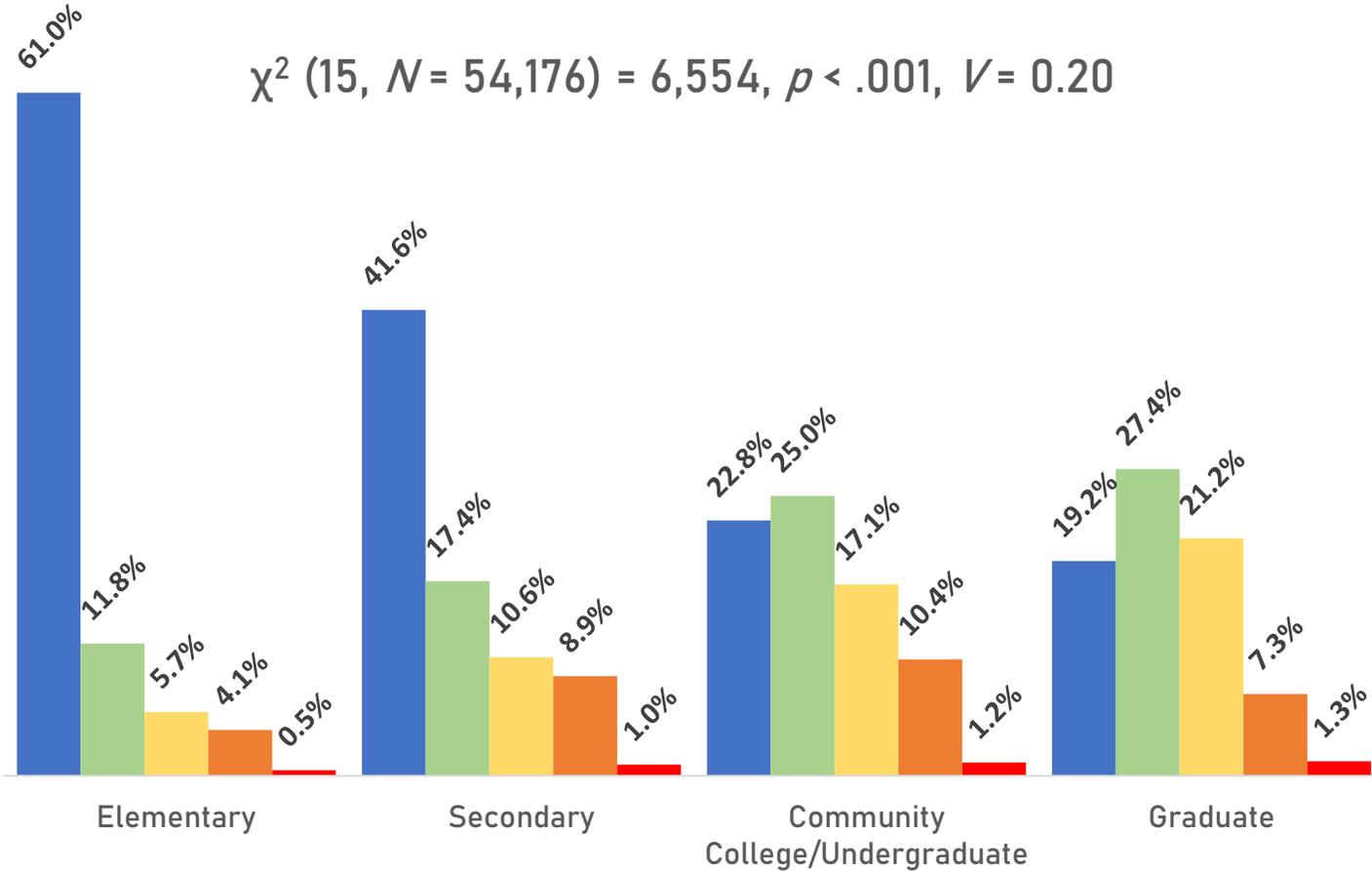


Demographics		<i>n</i>	%
Gender	Female	37,456	69
	Male	16,433	30
	Other	281	0.5
Country	Canada	17,439	32
	United States	36,737	68
Level of Teaching	Elementary	13,915	26
	Secondary	13,263	24
	College/Undergrad	23,127	43
	Graduate	3,871	7
Teaching Experience	Novice (0-2 years)	15,256	28
	Advanced Novice (3-4 years)	8,662	16
	Experienced (5-9 years)	10,206	19
	Very Experienced (10+ years)	20,044	37

# RESULTS

## Q1: Level of Teaching x Dominant Perspective

$\chi^2 (15, N = 54,176) = 6,554, p < .001, V = 0.20$



$n = 13,915$

$n = 13,263$

$n = 23,127$

$n = 3,871$

- Nurturing
- Apprenticeship
- Developmental
- Transmission
- Social Reform



**H1: Elementary teachers will have the highest proportion of nurturing perspectives**  
 (Clarke & Jarvis-Selinger, 2005; Collins & Pratt, 2011; van Scoy, 1994)

**H2: Secondary teachers will have higher proportions of nurturing perspectives compared to post-secondary teachers**  
 (Clarke & Jarvis-Selinger, 2005; Collins & Pratt, 2011)

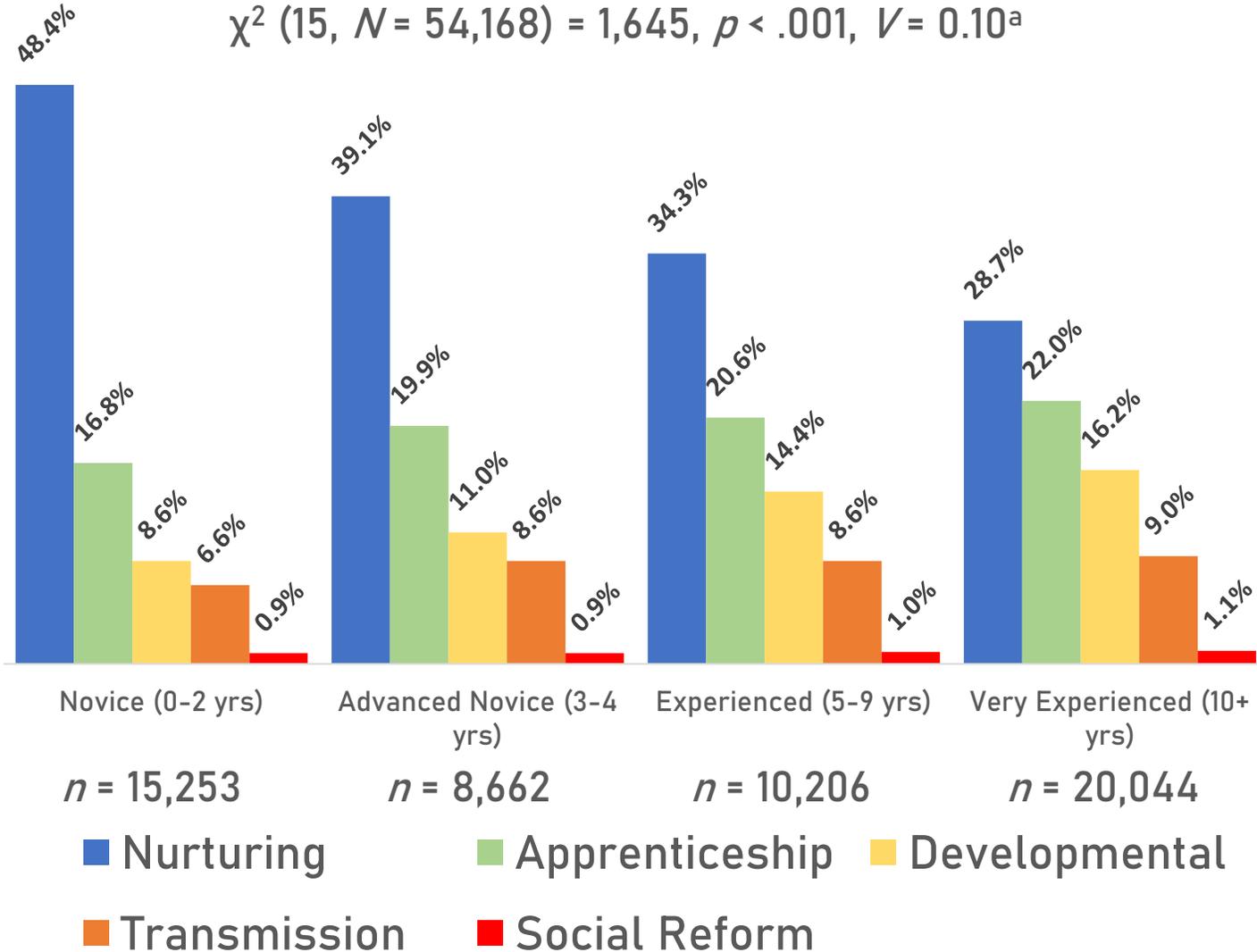
**H3: Secondary teachers will have the highest proportion of transmission perspectives**  
 (Brown et al., 2009; Collins & Pratt, 2011)

**H4: Graduate level teachers will have the highest proportion of apprenticeship perspectives**  
 (Loewen & Jelescu-Bodos, 2013)

# RESULTS

## Q2: Teaching Experience x Dominant Perspective

$\chi^2 (15, N = 54,168) = 1,645, p < .001, V = 0.10^a$

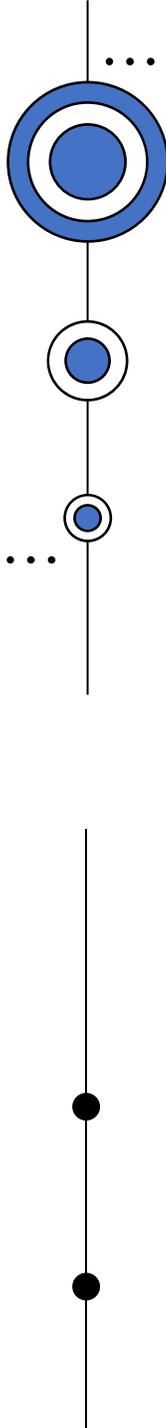


H5: Novice teachers will have the greatest proportions of nurturing perspectives  
(Clarke & Jarvis-Selinger, 2005)



H6: Very experienced teachers will have the greatest proportions of transmission perspectives  
(Clarke & Jarvis-Selinger, 2005)

<sup>a</sup> This small effect size suggests that these differences may be an artifact of the large sample size and not meaningful



## DISCUSSION

Q1: Is there a relationship between level of teaching and dominant teaching experience?

A1: Yes

Least variability in elementary – students need a caring and trustworthy teacher

Most variability in post-secondary – broad range of topics, faculties, and departments, as well as more varied self-directed learning readiness in students

Understanding the trends in educators' dominant perspectives at each level of education provides valuable information to institutions that allow them to foster growth and development of their educators that are tailored towards their unique values and perspectives on teaching

Q2: Is there a relationship between teaching experience and dominant teaching perspective

A2: No

Novice teachers (0-2 yrs) more nurturing than very experienced (10+ yrs) – maybe due to

- Confidence with subject matter
- Personal development
- Evolution of alternative teaching perspectives
- Changing teaching level

