Methods Topic	<u>Hughes</u> <u>et al.</u>	<u>Wang</u> <u>et al.</u>	<u>Sperger</u> <u>et al.</u>	<u>Strayhorn</u> <u>et al.</u>	<u>Guastaferro</u> <u>et al.</u>	<u>Jackson</u> <u>et al.</u>	<u>Williamson</u> <u>et al.</u>	<u>Harrall</u> <u>et al.</u>	<u>Guilamo-</u> <u>Ramos</u> <u>et al.</u>	<u>Houghton</u> <u>and Adkins-</u> Jackson	<u>Rink</u> <u>et al.</u>	<u>Mulawa</u> <u>et al.</u>
Power calculations / sample size	$\checkmark$	~	✓			~	~	$\checkmark$	✓	✓	~	~
Using simulation to inform study design		~		✓	~	~	✓				✓	$\checkmark$
Parallel group randomized trial design		~					~	✓	✓	~		
Stepped wedge designs	$\checkmark$		✓								~	
Factorial / optimization designs				~								~
Intervention development							~		✓	✓	~	
Intervention co- creation / co-design							~		~		~	
Subgroup effects / treatment heterogeneity		~			~	~	~					
Health equity metrics or outcomes				~	~	~			~			~
Mixed-methods approaches										~	~	~
Time-varying intervention effects	$\checkmark$		~									
Intervention designs for small sample size											~	