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Appendix 1

Description of the IREX virtual reality games as performed by Mr. YZ. (Adapted from [7]).

IREX Applications	Task Description
Soccer	The participant is a goaltender and must stop the soccer balls from entering the net with any part of his/her body.
	<i>Settings:</i> The number of soccer balls was kept at 2 and the 'travel time', or time from appearing on the screen to when it would enter the net was kept at 2 seconds with a full & even distribution
	to encourage movements.
	Scores: Saves & goals.
Snowboarding	The participant is snowboarding down a hill and must go over as many jumps as possible while avoiding other objects (rocks, trees, snowmen).
	Settings: The travel time was kept at 4 seconds.
	Scores: Jumps & slams (objects hit).
Birds & Balls	The participant is in a field-setting with a variety of colourful
	balls floating by. They must reach and touch the virtual object
	gently with the red glove to produce a bird. If the movement is
	too quick or sporadic, the ball pops and no points are awarded.
	Settings: Red gloves limit use to the hands.
	Scores: 50 points for each bird.
Formula Racer	The participant is in a formula-1 racecar and must navigate
	through the track while avoiding other racecars as well as the
	sides of the track.
	Settings: body-tracking to work balance.
T 1	Scores: Time on track & time off track.
Juggler	The participant is in a circus environment with balls floating
	down from the top. The objective is to keep the balls in the air for
	as many consecutive hits as possible. <i>Settings:</i> The red glove was used to limit interactions with virtual
	objects to the hands. The number of balls was kept at 1 with a fall
	rate of 4 seconds with a full & even distribution to ensure
	maximal movement opportunities.
	Scores: Most consecutive hits & misses.
	Seeres. most consecutive mis & misses.