**INTELLECTUAL FUNCTIONING**

As part of the evaluation John was administered the **WISC-V**, a standardized test of intellectual functioning. His performance was compared to peers his age in Canada. The WISC-V is composed of sixteen subtests, ten of which must be completed to derive the five Index scores and seven of those ten combine to provide a full-scale intelligence quotient (FSIQ). The additional subtests are supplementary and can provide additional information. John completed **-- of the sixteen** subtests.

In addition to the Normative Category for each global ability score or broad index, a determination regarding Cohesion is provided along with additional analysis regarding whether the index or score is clinically meaningful or not. Note that when a score is deemed to be clinically meaningful, it is defined as having sufficient cohesion to accurately represent the ability it is intended to measure. Conversely, when a score is deemed not to be clinically meaningful, it indicates substantial subtest variability such that it may not be a good representation of the ability it is intended to measure.

John exhibited significant disparity in his cognitive profile and as such his full-scale intelligence quotient (FSIQ) is not representative of his overall abilities. His index scores will need to be considered separately, and a GAI and CPI may be calculated for consideration and are explained in more detail.

|  |  |  |  |
| --- | --- | --- | --- |
| **Index/Subtest** | **Percentile** | **Qualitative Descriptor** | **Unitary Concept** |
| **Verbal Comprehension (VCI)** |  |  |  |
| **Similarities** | **{{Similarities Percentile}}** | **{{Similarities Classification}}** |
| **Vocabulary** |  |  |
| Information |  |  |
| Comprehension |  |  |
| **Visual Spatial (VSI)** |  |  |  |
| **Block Design** |  |  |
| **Visual Puzzles** |  |  |
| **Fluid Reasoning (FRI)** |  |  |  |
| **Matrix Reasoning** |  |  |
| **Figure Weights** |  |  |
| Picture Concepts |  |  |
| Arithmetic |  |  |
| **Working Memory (WMI)** |  |  |  |
| **Digit Span** |  |  |
| **Picture Span** |  |  |
| Letter-Number Sequencing |  |  |
| **Processing Speed (PSI)** |  |  |  |
| **Coding** |  |  |
| **Symbol Search** |  |  |
| **Full-Scale Intelligence Quotient (FSIQ)** |  |  |  |
| **General Ability Index (GAI)** |  |  |  |
| **Cognitive Proficiency Index (CPI)** |  |  |  |

**Verbal Comprehension Index (VCI)**

The VCI provides an estimate of Crystallized Intelligence (Gc). Gc refers to an individual’s knowledge base (or general fund of information) that develops as a result of exposure to language, culture, general life experiences, and formal schooling. This index measures one’s ability to access and apply acquired word knowledge. The application of this knowledge involves verbal concept formation, reasoning, and expression. This index is comprised of four subtests, two of which are primary subtests and two of which are secondary.

***Similarities (SI)*** is a primary subtest, and it presents the individual with two words that represent common objects or concepts that they have to describe how they are similar. This measures verbal concept formation and abstract reasoning. John scored at the {{Similarities Percentile\*}} percentile and in the {{Similarities Classification}} range.

***Vocabulary (VC)*** is a primary subtest and it has the individual define a word that is read aloud and measures word knowledge and verbal concept formation. John scored at the 50th percentile and in the Average range.

***Information (IN)*** is a secondary subtest and asks questions about a broad range of general- knowledge topics and measures one’s ability to acquire, retain, and retrieve general factual knowledge. John scored at the 84th percentile and in the High Average range.

***Comprehension (CO)*** is a secondary subtest and has the individual answer questions based on their understanding of general principles and social situations and measures verbal reasoning and conceptualisation, verbal comprehension and expression, the ability to evaluate and use experience, and the ability to demonstrate practical knowledge and judgement. John scored above the 25th percentile and in the Average range.

The difference between the scores that comprise the VCI is not significant and considered common in the general population. However, this domain was not cohesively developed. This means that the VCI is likely a good summary of Verbal Comprehension. However, individual subtests should be considered when evaluating results.

The VCI is classified as in the Average range and is ranked at the 58th percentile, indicating performance as good as or better than 58% of same age peers from the general population. The difference between the VCI and the average of all five primary index scores is not significant and considered uncommon in the general population. Overall, one or more of John’s Verbal Comprehension abilities may facilitate learning, particularly the abilities that are at least average.