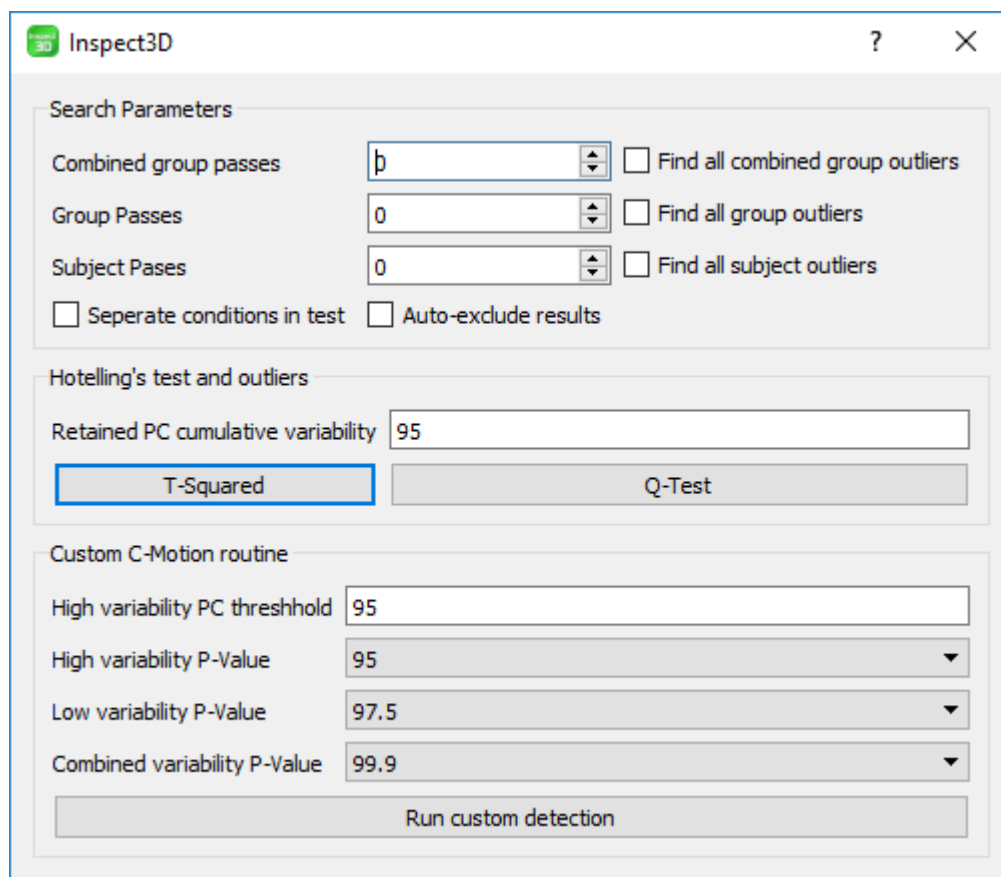


Run QA Using PCA



The image shows a software dialog box titled "Inspect3D" with a green icon and standard window controls. It is divided into three main sections:

- Search Parameters:** Contains three input fields for "Combined group passes" (set to 'b'), "Group Passes" (set to '0'), and "Subject Passes" (set to '0'). To the right of each field is a checkbox: "Find all combined group outliers", "Find all group outliers", and "Find all subject outliers". At the bottom of this section are two checkboxes: "Seperate conditions in test" and "Auto-exclude results".
- Hotelling's test and outliers:** Features a text input for "Retained PC cumulative variability" set to '95'. Below this are two buttons: "T-Squared" (highlighted with a blue border) and "Q-Test".
- Custom C-Motion routine:** Includes four input fields: "High variability PC threshold" (95), "High variability P-Value" (95), "Low variability P-Value" (97.5), and "Combined variability P-Value" (99.9). A "Run custom detection" button is at the bottom.

The Run QA using [PCA](#) button allows the user to open the dialogue box that controls these functions.

The Run Quality Assurance Using [Principal Component Analysis](#) dialogue is divided into three sections:

- Search Parameters
- Hotelling's test and outliers
- Custom C-Motion routine

The quality assurance using PCA function allows the user to automatically search the data and identify traces that are outside the norm.

The search for outliers can be done by Combined Groups, Group, and Subjects.

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https://has-motion.com/wiki/doku.php?id=other:inspect3d:documentation:dialogs:run_qa_using_pca

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