

# Feature Comparison smatrix agoscience Android vs. Windows

FEATURES	ANDROID	WINDOWS
Data collection and navigation by voice The speech dialog with smatrix navigates through the digital trial table	✓	✓
Portable solution for a large number of devices Optimized view and touch operations for mobile devices	✓	✗
Data backup on your device for highest data security Collected data is locally saved on your device	✓	✓
Many languages and language variants available German, English, Spanish, French, Italien, Dutch, Portuguese	✓	✓

<p>Speech recognition works offline</p> <p>Voice recognition is performed on the device and therefore no internet connection is required</p>	✓	✓
<p>Simple ad-hoc creation of research trials in the field</p> <p>Determination of trial units, traits and value ranges</p>	<p>✓</p> <p>Directly in smatrix</p>	<p>○</p> <p>Generally possible via Excel and with additional effort</p>
<p>Many possibilities of value ranges</p> <p>Numbers, words - can also be used as comments, date</p>	✓	✓
<p>Collecting of subsamples</p> <p>Feature incl. voice-controlled countdown of remaining number of subsamples to be collected</p>	✓	✓
<p>Data validation and error prevention</p> <p>Only values in previously defined value ranges are accepted</p>	✓	<p>○</p> <p>Deviating entries via keyboard possible directly in Excel</p>
<p>Data input alternatively via keyboard / touch display</p> <p>Alternatively to data collection via voice, entries can also be captured via keyboard</p>	✓	✓

Seamless use of imported assessments from trial management systems

Interfaces (data exchange) available:

- Easy Breed (Wintersteiger AG)
- PRISM (Central Software Solutions, Inc.)
- piaf (proPlant GmbH)



Expected to be available from 04/2022



Generally possible via Excel and with additional effort

Creating complex trial structures

Leaf levels, multi-level traits, data or info fields, and more



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Sharing of created trial structures

Person A creates assessment and can share it as a template with colleagues



Data transfer via DCI interface



Nur über manuelle Weitergabe der Dateien möglich

More interfaces to trial management systems



in progress



Generally possible via Excel and with additional effort