

TWC/25/14 Add. ORIGINAL: English DATE: February 6, 2008 F

INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS GENEVA

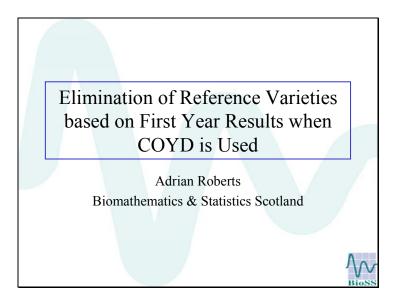
TECHNICAL WORKING PARTY ON AUTOMATION AND COMPUTER PROGRAMS

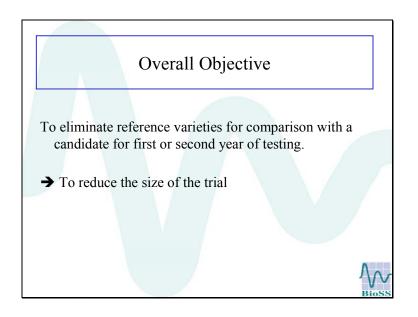
Twenty-Fifth Session Sibiu, Romania, September 3 to 6, 2007

ADDENDUM TO A RATIONALE FOR EXCLUDING VARIETIES OF COMMON KNOWLEDGE FROM THE SECOND GROWING CYCLE WHEN COYD IS USED

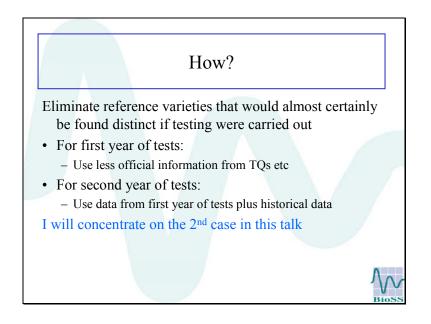
"ELIMINATION OF REFERENCE VARIETIES BASED ON FIRST YEAR RESULTS WHEN COYD IS USED"

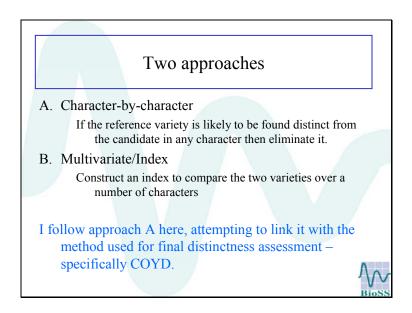
Document prepared by an expert from the United Kingdom

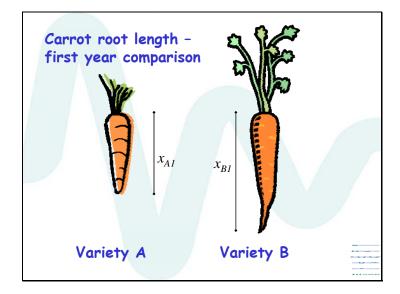


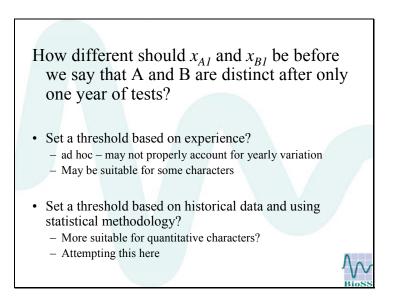




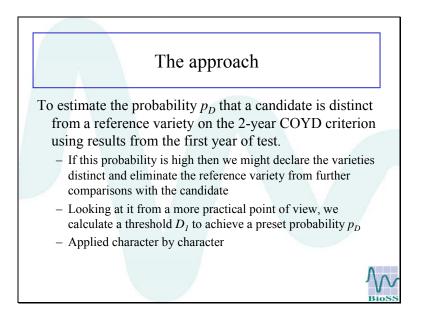


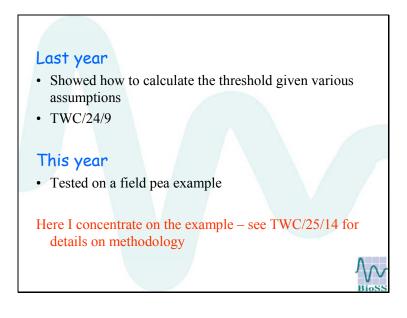


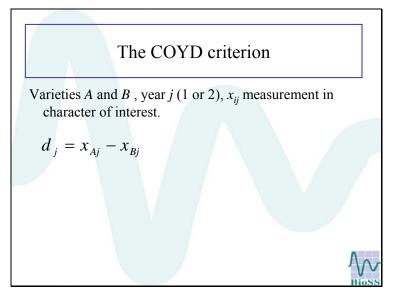




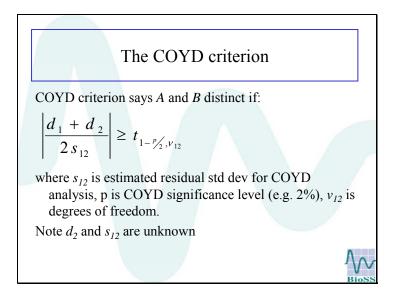






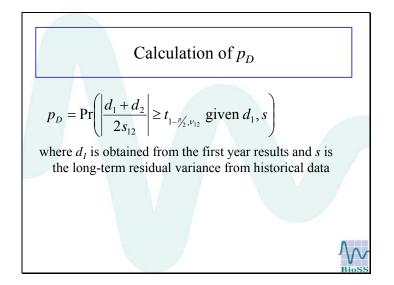


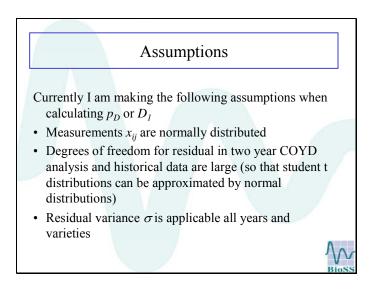
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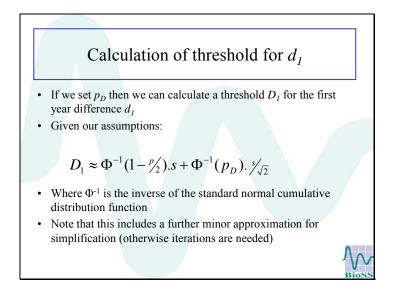
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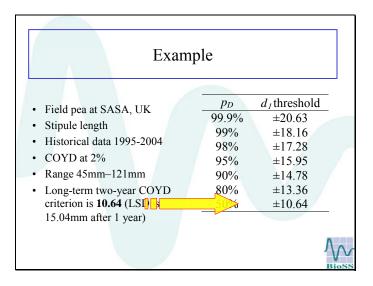


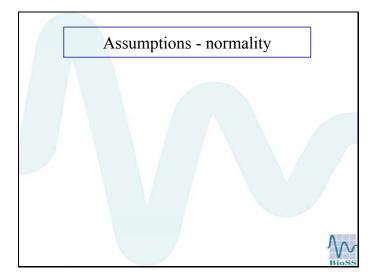


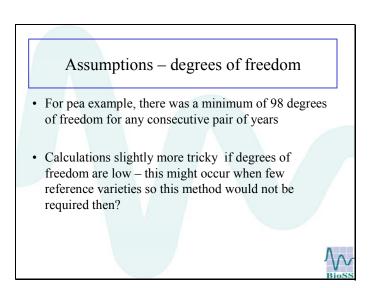
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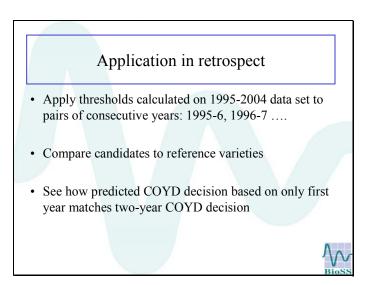




Assumptions - consistency of GxE variance across years and varieties

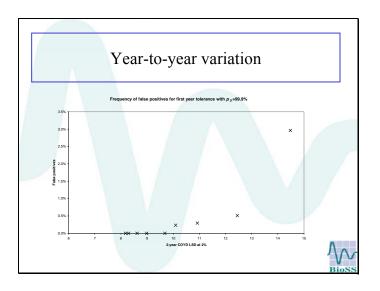
In TWC/25/14, special REML analysis done for the 10 year data set to examine this

- Variances seemed reasonable consistent
- However used only varieties that were present in all years a small fraction of total conclusions not necessarily valid for larger data set
- Analysis of whole data set more difficult because very unbalanced need to investigate if possible and how



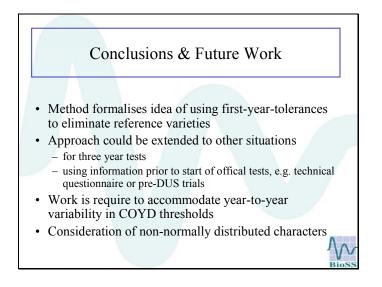
	Frequency of correct predictions of COYD decision (no. of decisions)	
p_D	ND COYD (16751)	D COYD (7167)
99.9%	99.3%	18.5%
99%	98.3%	28.6%
98%	97.8%	32.8%
95%	96.7%	39.7%
90%	95.4%	46.5%
80%	93.1%	54.9%
50%	84.9%	73.3%

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