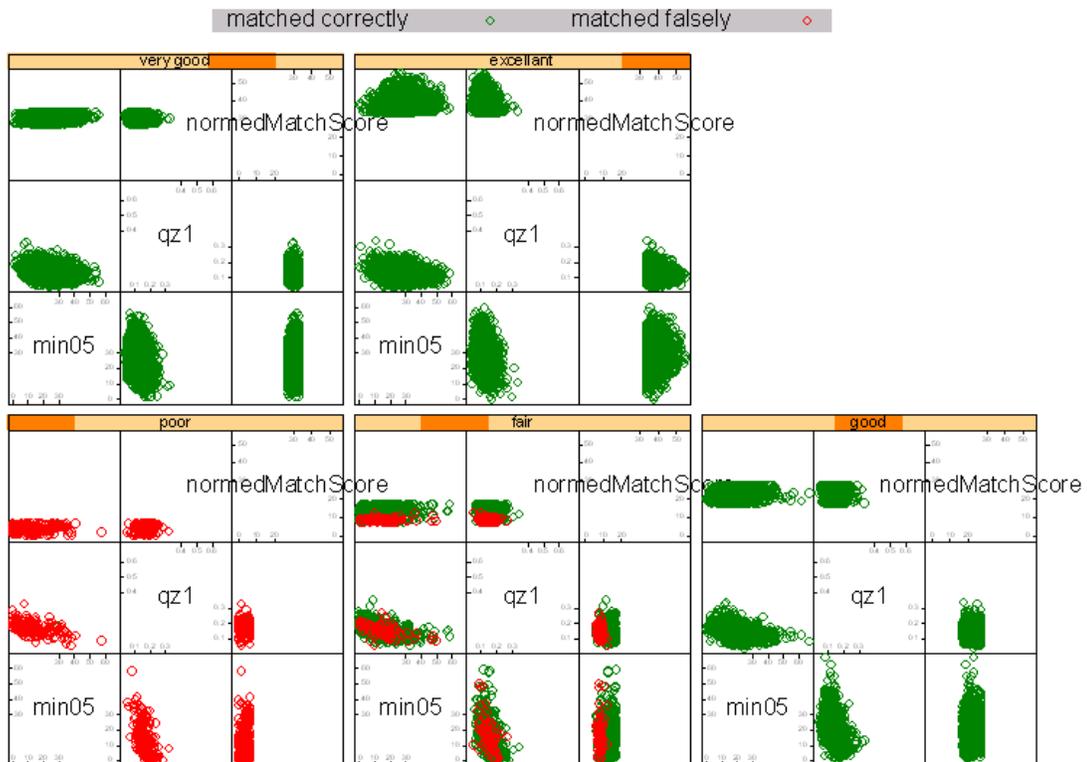
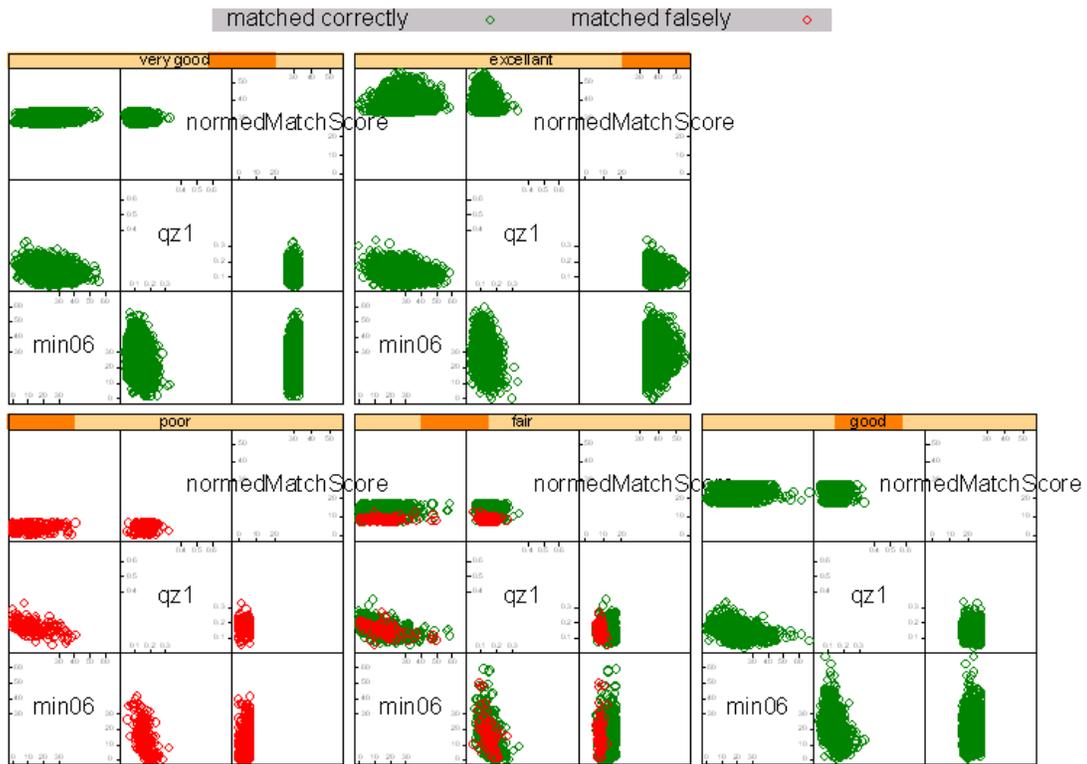


## Appendix B

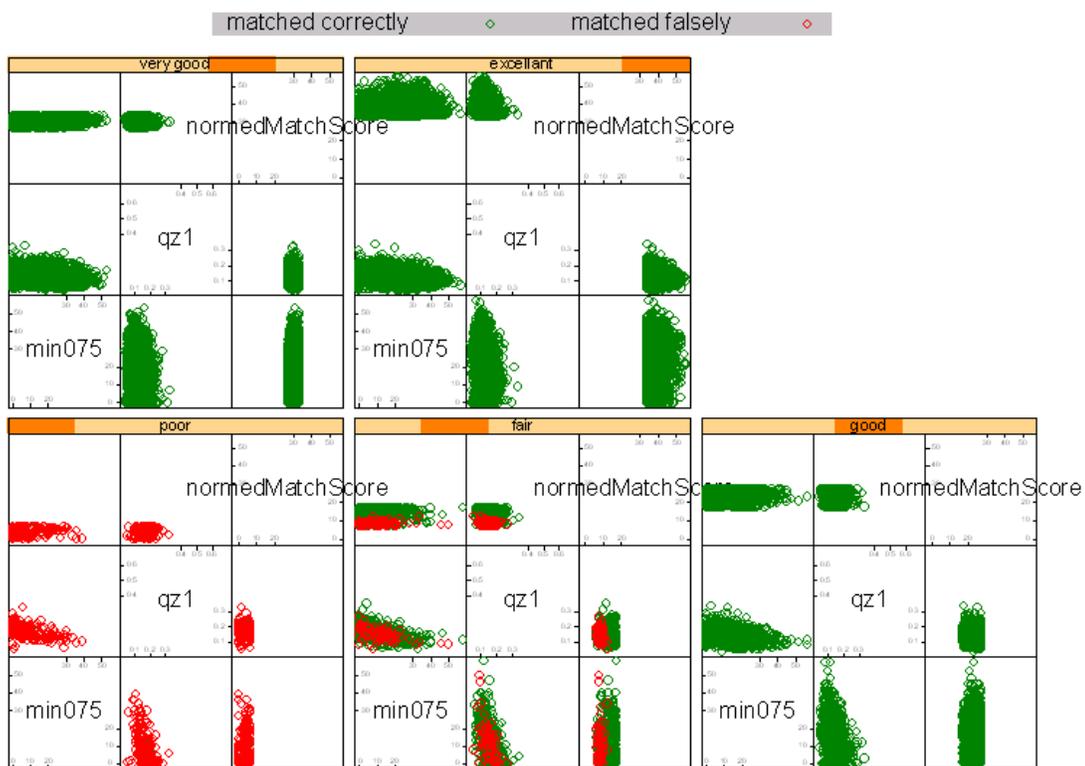
Appendix B contains trellis plots of feature vector components of right index fingerprints of dataset DOS-C generated by NFIS and normalized match scores of vendor F. Green circles represent samples that are matched correctly and red ones represent samples that are not matched correctly. Each matrix plot (total of 5) corresponds to the bin of normalized match score as labeled. For example, the matrix plot labeled as “poor” contains samples that their normalized match scores are in bin 5 (Table 2 of the report).



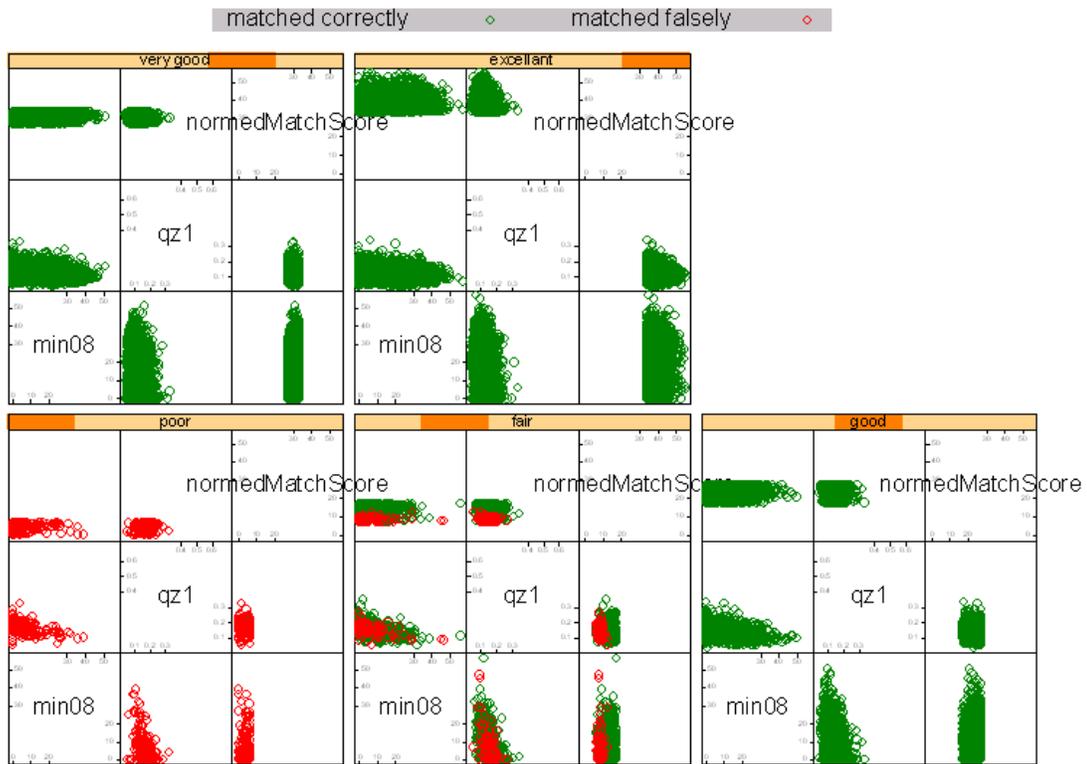
**Figure 1. Trellis plot of min05 quality zone1 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C**



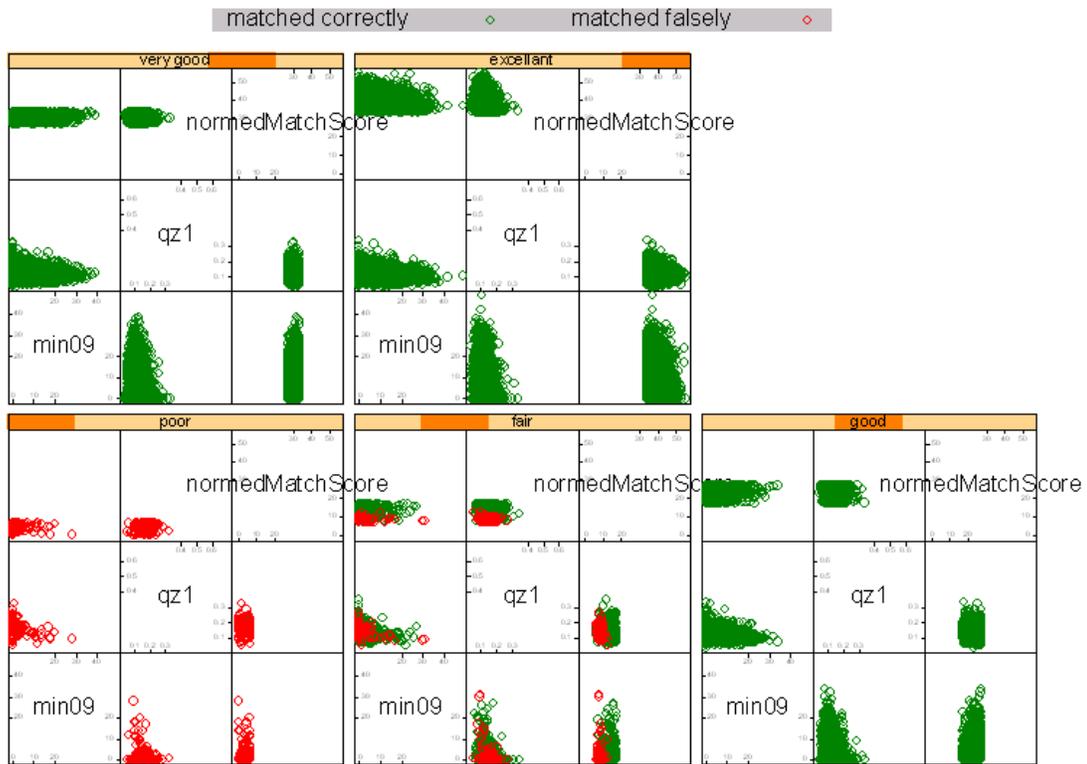
**Figure 2. Trellis plot of min06 quality zone1 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C**



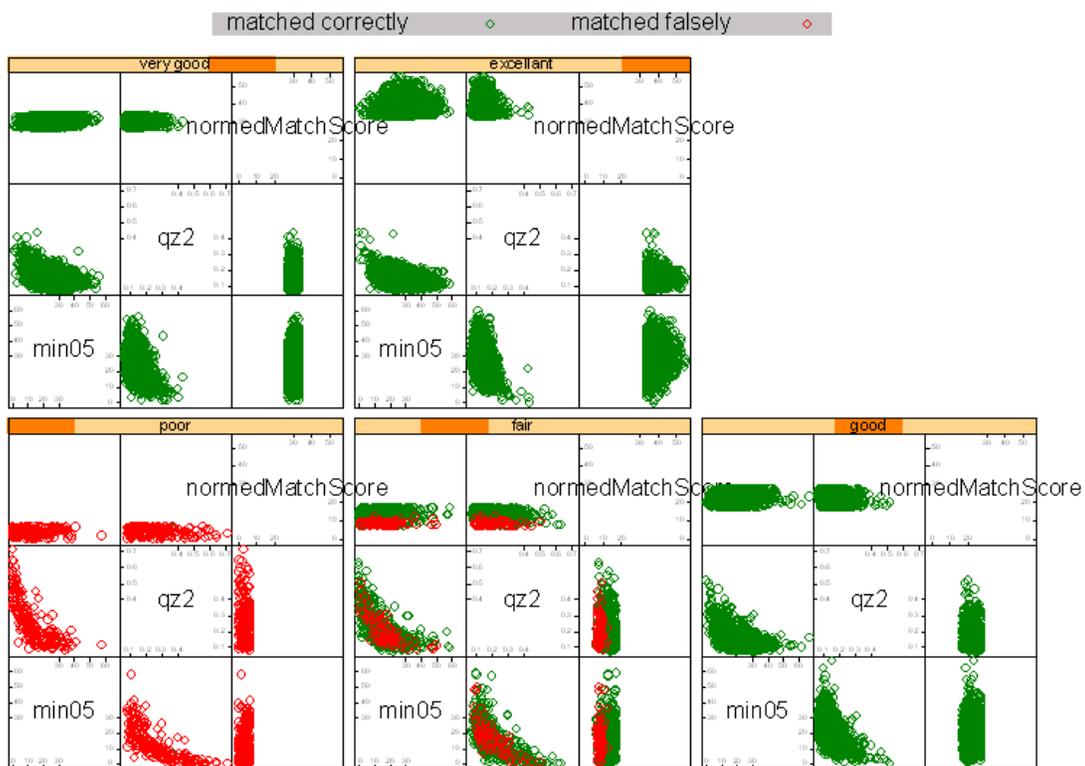
**Figure 3. Trellis plot of min075 quality zone1 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C**



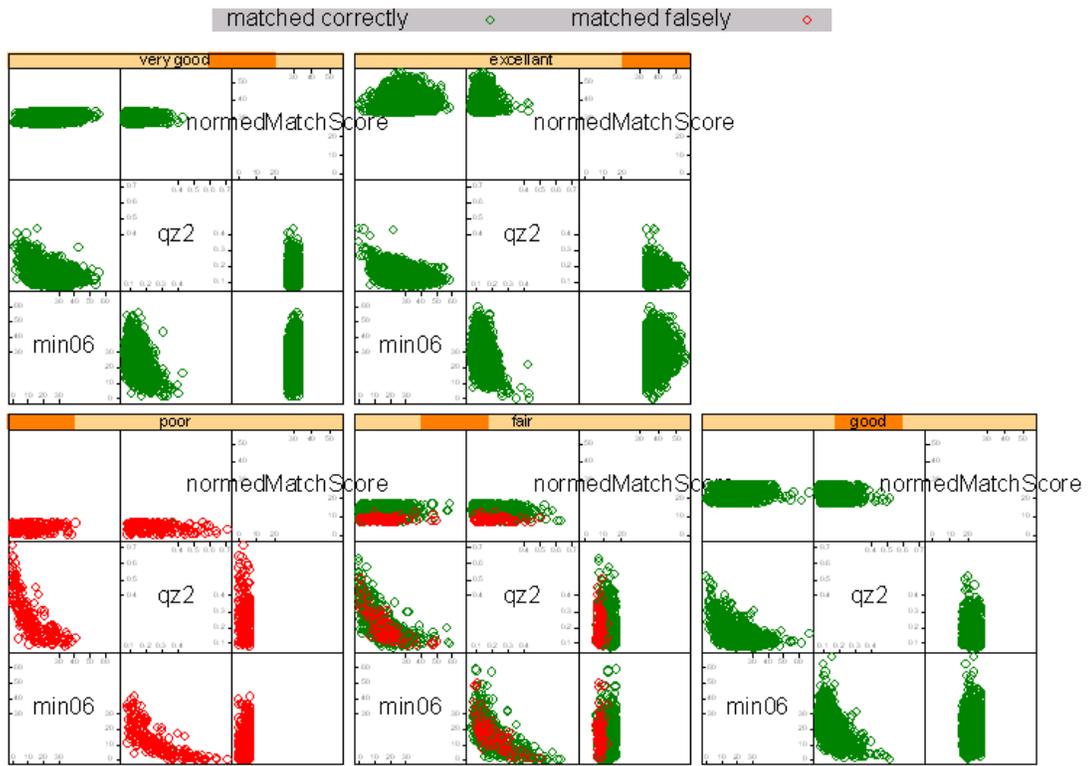
**Figure 4. Trellis plot of min08 quality zone1 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C**



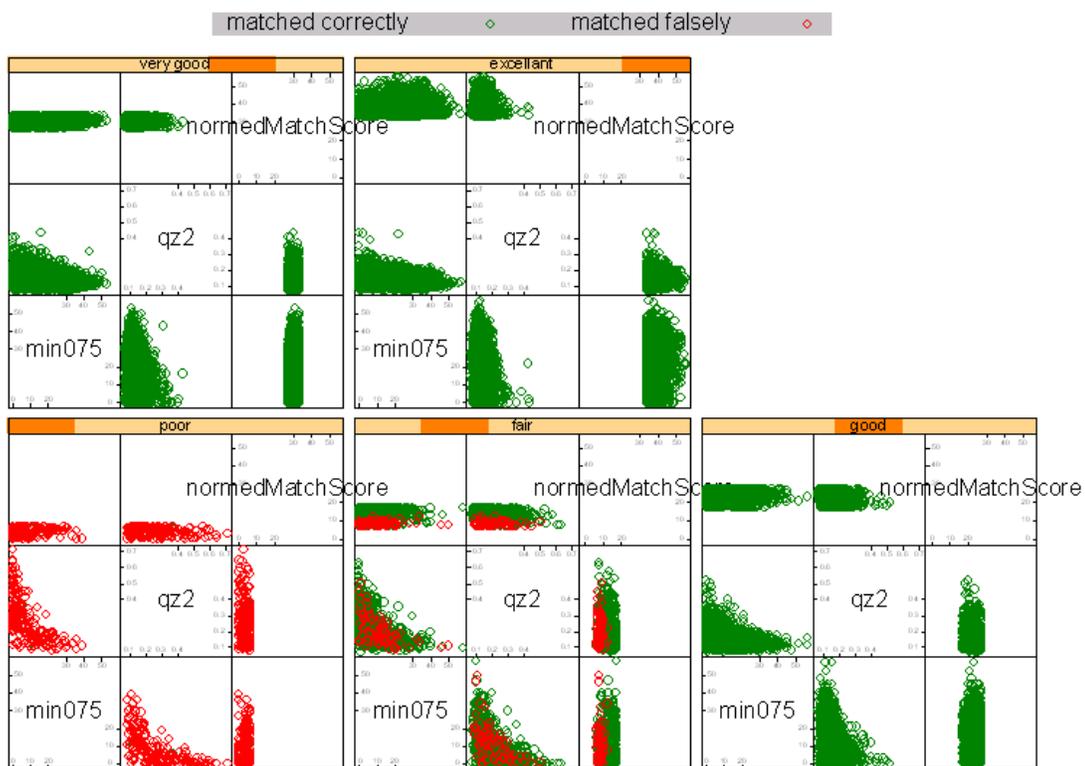
**Figure 5. Trellis plot of min09 quality zone1 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C**



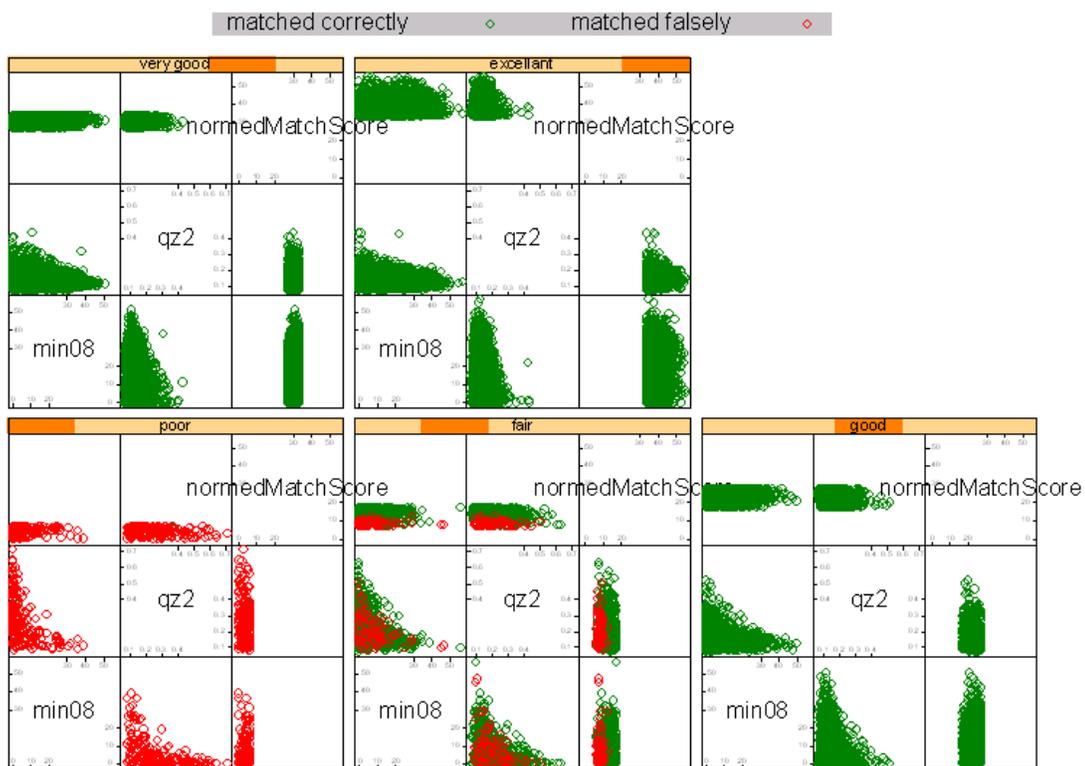
**Figure 6. Trellis plot of min05 quality zone2 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C**



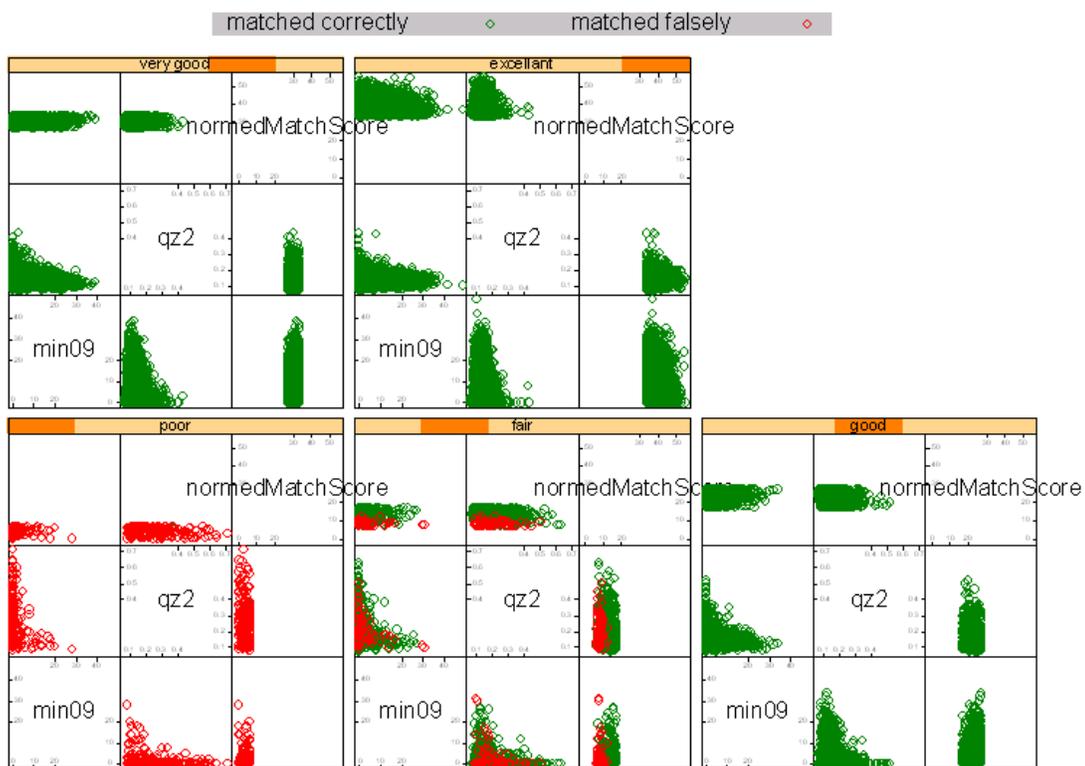
**Figure 7. Trellis plot of min06 quality zone2 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C**



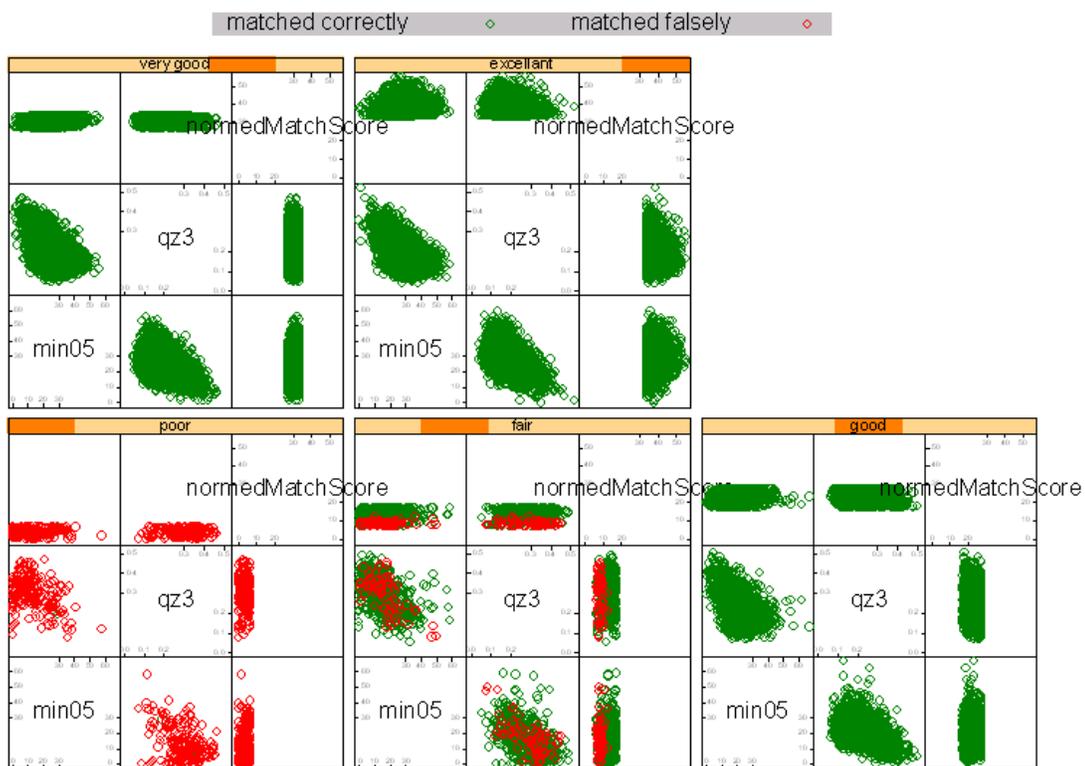
**Figure 8. Trellis plot of min075 quality zone2 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C**



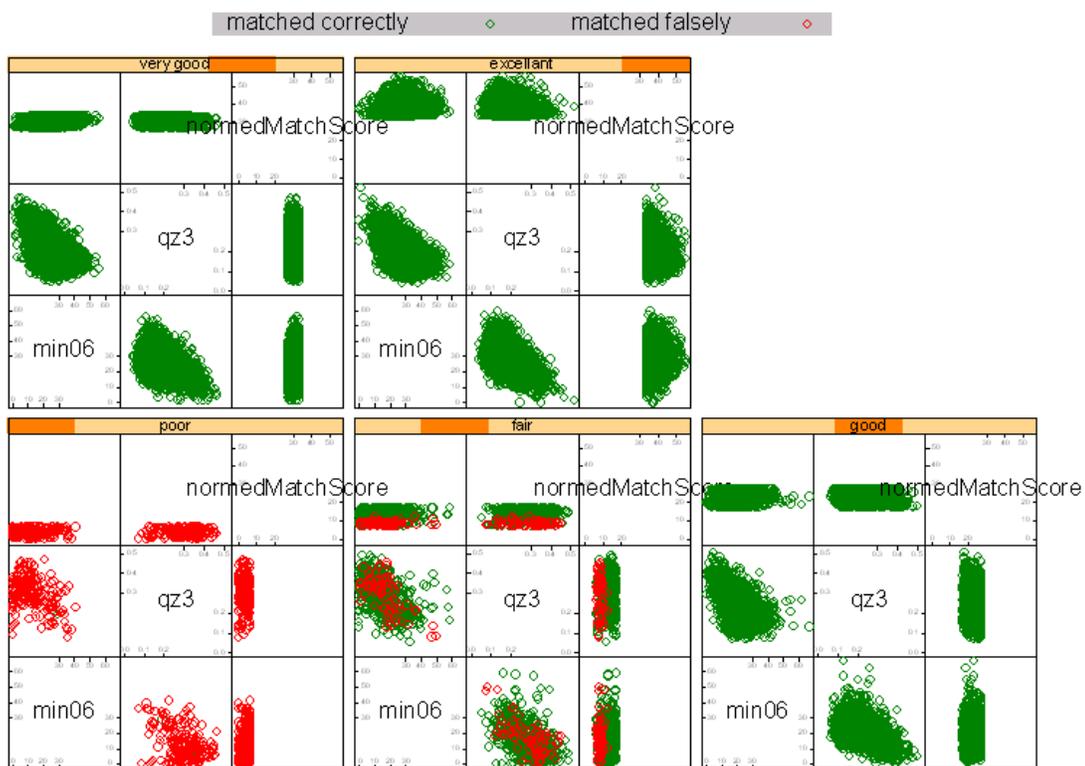
**Figure 9. Trellis plot of min08 quality zone2 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C**



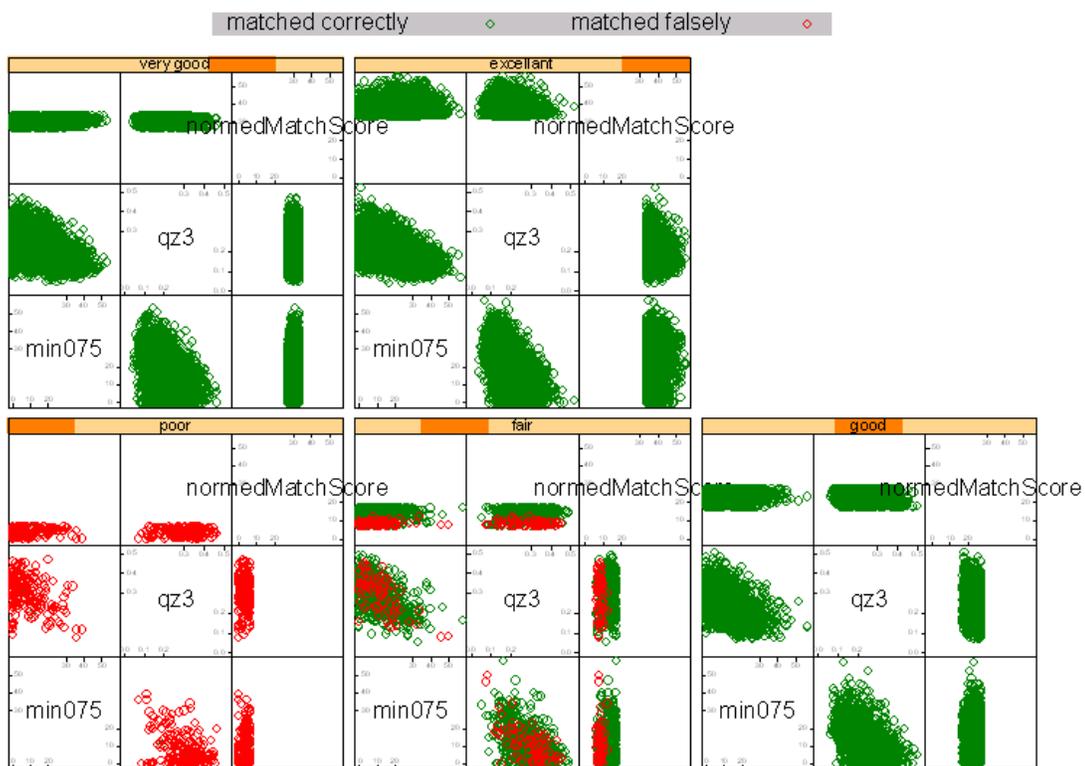
**Figure 10. Trellis plot of min09 quality zone2 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C**



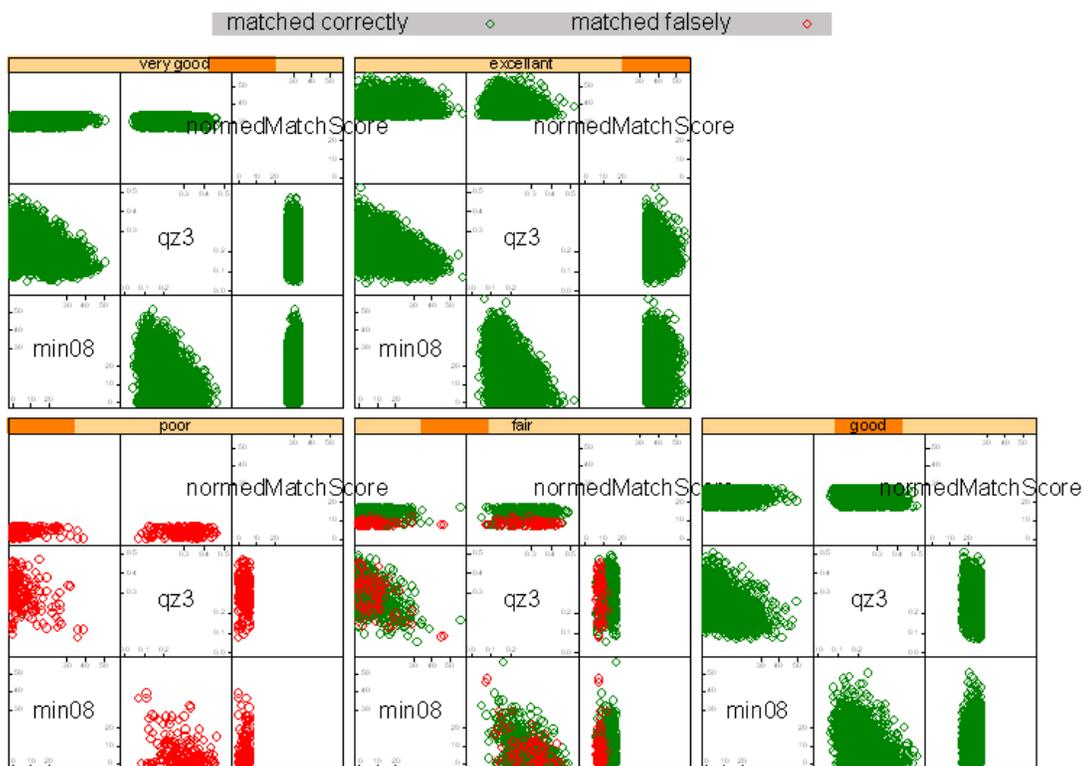
**Figure 11. Trellis plot of min05 quality zone3 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C**



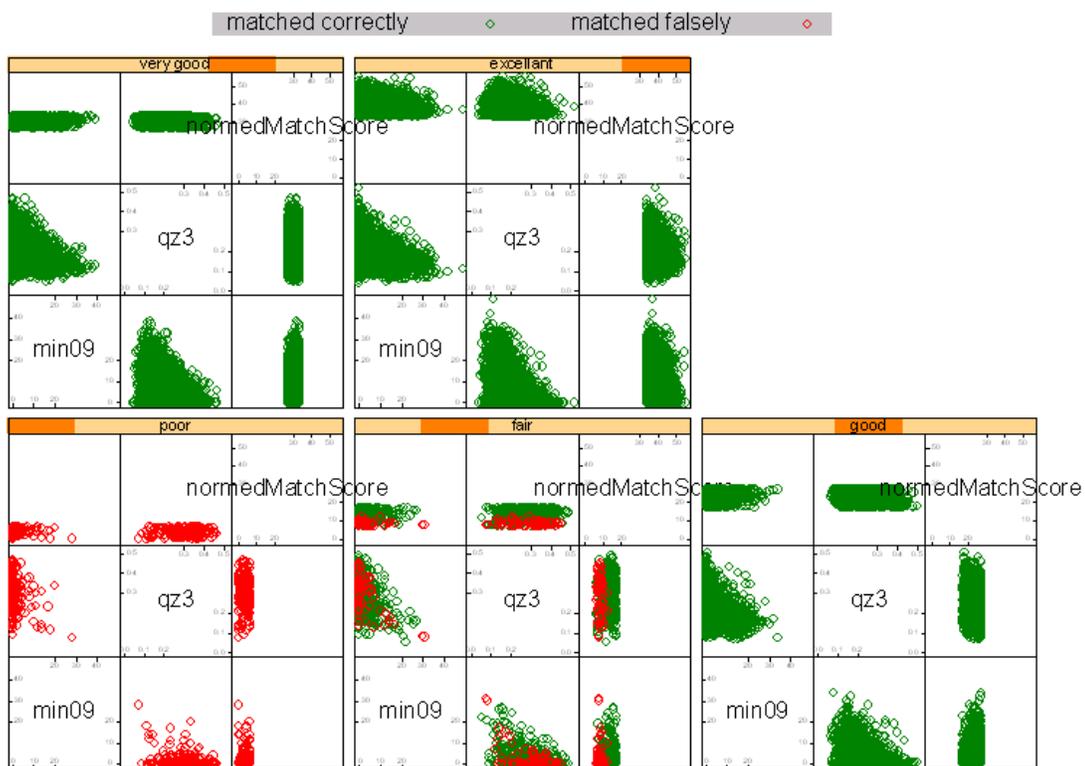
**Figure 12. Trellis plot of min06 quality zone3 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C**



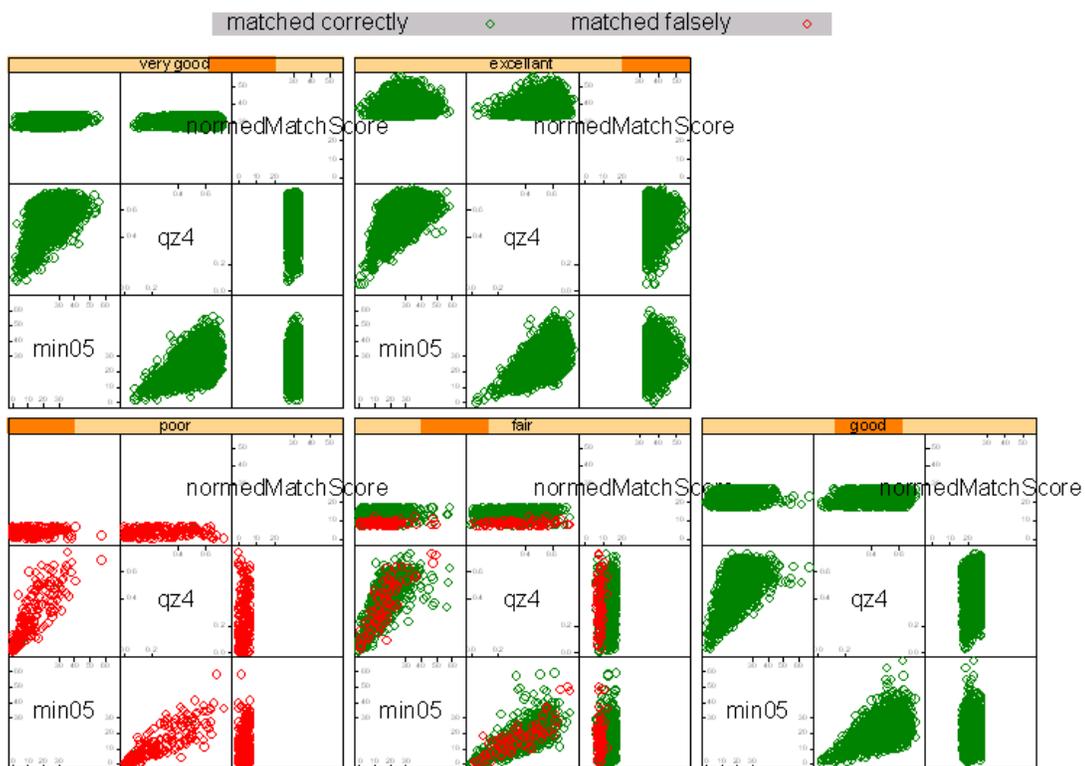
**Figure 13. Trellis plot of min075 quality zone3 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C**



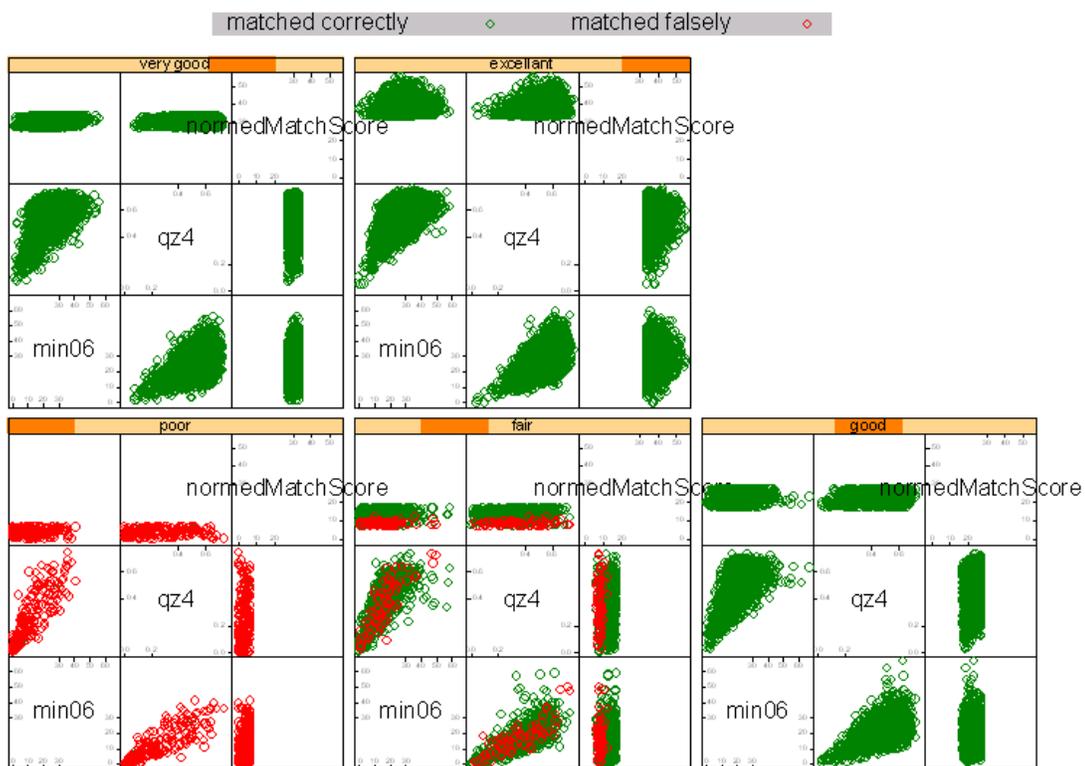
**Figure 14. Trellis plot of min08 quality zone3 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C**



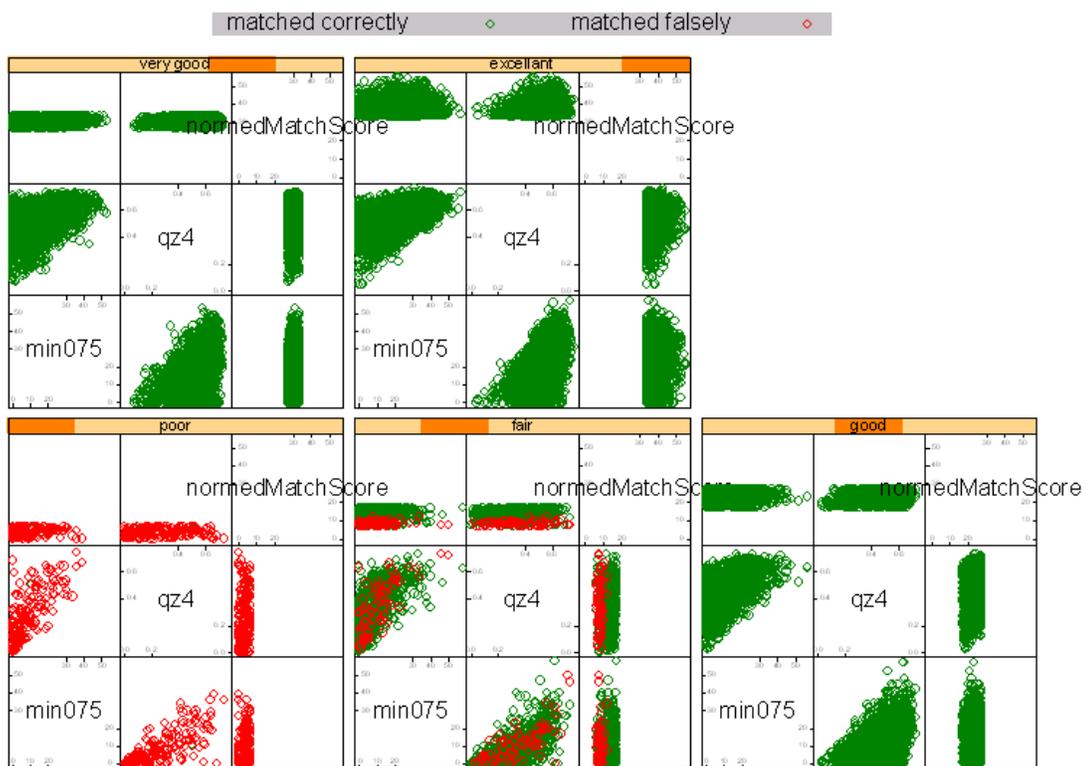
**Figure 15. Trellis plot of min09 quality zone3 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C**



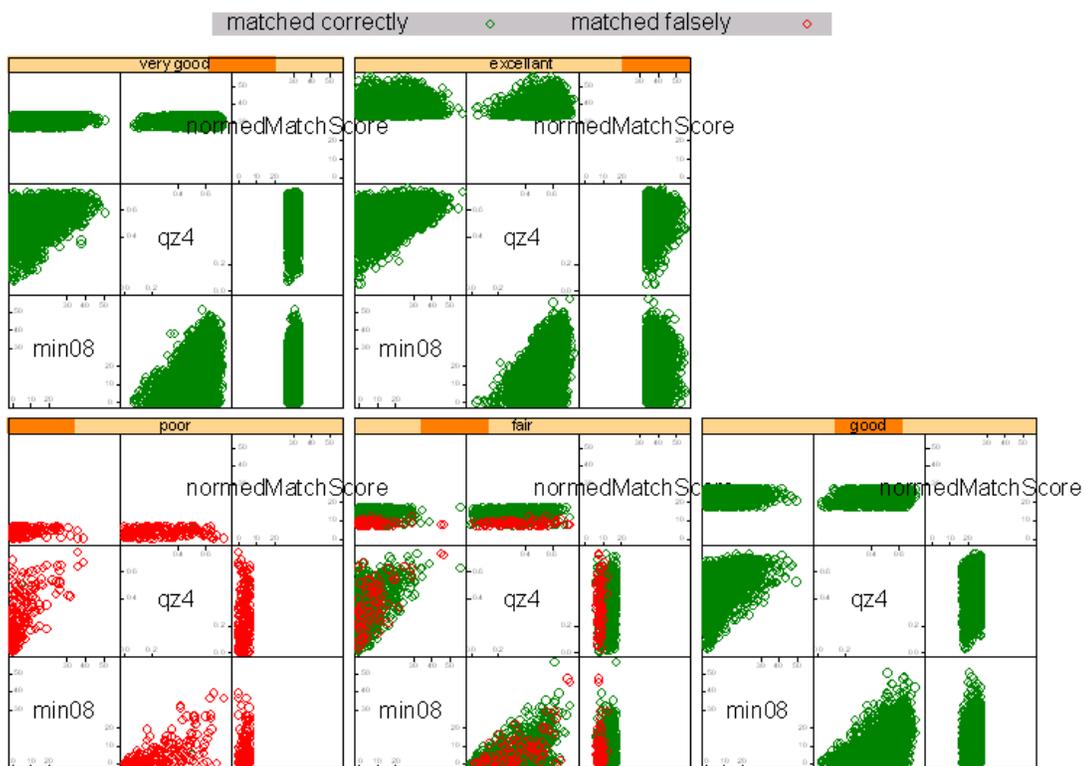
**Figure 16. Trellis plot of min05 quality zone4 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C**



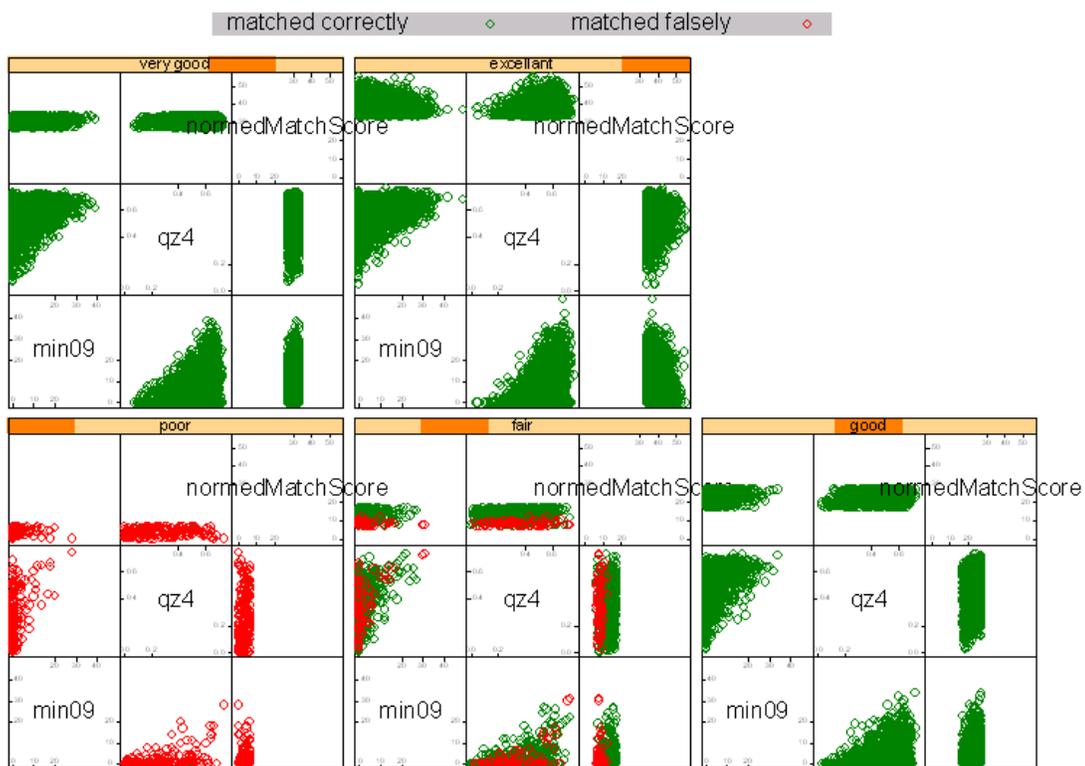
**Figure 17. Trellis plot of min06 quality zone4 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C**



**Figure 18. Trellis plot of min075 quality zone4 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C**



**Figure 19. Trellis plot of min08 quality zone4 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C**



**Figure 20. Trellis plot of min09 quality zone4 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C**

**Trellis plot of min06 quality zone4 and normalized match scores of vendor F and right index fingerprints of dataset DOS-C.**