The all pair test is when every possible combination of their values appears in at least one test case, ensuring that potential interactions between pairs are tested.

Input

Browsers: IE 11.0, Chrome 96, Firefox 90

Host OS: Windows 10, MacOS High Sierra, Linux Ubuntu 20.04

Speed: Slow, Medium, Fast,

Web Server: Apache, Nginx, IIS,

Application Server: Tomcat, JBoss, WebLogic, Apache NetBeans, WebSphere

Database Server: MySQL, PostgreSQL, Oracle, MongoDB, SQL Server

Server OS: Windows Server 2016, Linux Ubuntu 20.04, Linux CentOS 8, Linux Fedora 33

Output  
PAIRWISE:

0: ['IE 11.0', 'Windows 10', 'Slow', 'Apache', 'Tomcat', 'MySQL', 'Windows Server 2016']

1: ['Chrome 96', 'MacOS High Sierra', 'Medium', 'Nginx', 'JBoss', 'PostgreSQL', 'Windows Server 2016']

2: ['Firefox 90', 'Linux Ubuntu 20.04', 'Fast', 'IIS', 'WebLogic', 'Oracle', 'Windows Server 2016']

3: ['Firefox 90', 'MacOS High Sierra', 'Slow', 'IIS', 'Apache NetBeans', 'MongoDB', 'Linux Ubuntu 20.04']

4: ['Chrome 96', 'Windows 10', 'Fast', 'Nginx', 'WebSphere', 'SQL Server', 'Linux Ubuntu 20.04']

5: ['IE 11.0', 'Linux Ubuntu 20.04', 'Medium', 'Apache', 'WebSphere', 'MongoDB', 'Linux CentOS 8']

6: ['IE 11.0', 'MacOS High Sierra', 'Fast', 'Apache', 'Apache NetBeans', 'SQL Server', 'Linux Fedora 33']

7: ['Chrome 96', 'Linux Ubuntu 20.04', 'Slow', 'Nginx', 'WebLogic', 'MySQL', 'Linux Fedora 33']

8: ['Firefox 90', 'Windows 10', 'Medium', 'IIS', 'Tomcat', 'PostgreSQL', 'Linux Fedora 33']

9: ['Firefox 90', 'Windows 10', 'Medium', 'Nginx', 'Apache NetBeans', 'Oracle', 'Linux CentOS 8']

10: ['Chrome 96', 'Linux Ubuntu 20.04', 'Slow', 'Apache', 'JBoss', 'Oracle', 'Linux Ubuntu 20.04']

11: ['IE 11.0', 'MacOS High Sierra', 'Fast', 'IIS', 'JBoss', 'MySQL', 'Linux CentOS 8']

12: ['IE 11.0', 'MacOS High Sierra', 'Slow', 'Nginx', 'WebSphere', 'PostgreSQL', 'Linux CentOS 8']

13: ['Chrome 96', 'Linux Ubuntu 20.04', 'Medium', 'IIS', 'Tomcat', 'SQL Server', 'Linux CentOS 8']

14: ['Firefox 90', 'MacOS High Sierra', 'Medium', 'Apache', 'WebLogic', 'SQL Server', 'Linux Ubuntu 20.04']

15: ['Firefox 90', 'Windows 10', 'Fast', 'Nginx', 'JBoss', 'MongoDB', 'Linux Fedora 33']

16: ['IE 11.0', 'MacOS High Sierra', 'Fast', 'Nginx', 'Tomcat', 'Oracle', 'Linux Ubuntu 20.04']

17: ['Firefox 90', 'Linux Ubuntu 20.04', 'Fast', 'Apache', 'WebSphere', 'PostgreSQL', 'Linux Ubuntu 20.04']

18: ['Chrome 96', 'Linux Ubuntu 20.04', 'Medium', 'IIS', 'Apache NetBeans', 'MySQL', 'Linux Ubuntu 20.04']

19: ['Firefox 90', 'Windows 10', 'Slow', 'IIS', 'WebSphere', 'MySQL', 'Linux Fedora 33']

20: ['Chrome 96', 'Windows 10', 'Slow', 'IIS', 'WebLogic', 'MongoDB', 'Linux CentOS 8']

21: ['IE 11.0', 'Windows 10', 'Slow', 'IIS', 'WebLogic', 'SQL Server', 'Windows Server 2016']

22: ['Firefox 90', 'Windows 10', 'Slow', 'IIS', 'WebSphere', 'Oracle', 'Linux Fedora 33']

23: ['Firefox 90', 'Windows 10', 'Slow', 'IIS', 'Apache NetBeans', 'PostgreSQL', 'Windows Server 2016']

24: ['Firefox 90', 'Windows 10', 'Slow', 'IIS', 'WebSphere', 'MongoDB', 'Windows Server 2016']

25: ['Firefox 90', 'Windows 10', 'Slow', 'IIS', 'WebLogic', 'PostgreSQL', 'Linux Ubuntu 20.04']

26: ['Firefox 90', 'Windows 10', 'Slow', 'IIS', 'Tomcat', 'MongoDB', 'Linux Ubuntu 20.04']

27: ['Firefox 90', 'Windows 10', 'Slow', 'IIS', 'JBoss', 'SQL Server', 'Linux Ubuntu 20.04']dflare', 'Nginx', 'MongoDB', 'Unix']