# Friedman Test & Post-hoc Wilcoxon Results

Friedman χ² = 73.728, p = 7.011e-14

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| **Model 1** | **Model 2** | **Original P-Value** | **P-Value Adjusted** | **Significantly Different** |
| Sonar-Reasoning-Pro + WL | Sonar-Pro + WL | P=0.317 | P>.99 | No |
| Sonar-Reasoning-Pro + WL | OpenEvidence (Assumed WL) | P=0.064 | P=0.706 | No |
| Sonar-Reasoning-Pro + WL | Sonar-Pro | P=0.032 | P=0.380 | No |
| Sonar-Reasoning-Pro + WL | Sonar-Reasoning-Pro | P=0.013 | P=0.169 | No |
| Sonar-Reasoning-Pro + WL | Sonar + WL | P<.001 | P=0.009 | Yes |
| Sonar-Reasoning-Pro + WL | Sonar | P<.001 | P<.001 | Yes |
| Sonar-Pro + WL | OpenEvidence (Assumed WL) | P=0.266 | P>.99 | No |
| Sonar-Pro + WL | Sonar-Pro | P=0.139 | P>.99 | No |
| Sonar-Pro + WL | Sonar-Reasoning-Pro | P=0.147 | P>.99 | No |
| Sonar-Pro + WL | Sonar + WL | P=0.005 | P=0.066 | No |
| Sonar-Pro + WL | Sonar | P<.001 | P<.001 | Yes |
| OpenEvidence (Assumed WL) | Sonar-Pro | P=0.721 | P>.99 | No |
| OpenEvidence (Assumed WL) | Sonar-Reasoning-Pro | P=0.786 | P>.99 | No |
| OpenEvidence (Assumed WL) | Sonar + WL | P=0.186 | P>.99 | No |
| OpenEvidence (Assumed WL) | Sonar | P<.001 | P<.001 | Yes |
| Sonar-Pro | Sonar-Reasoning-Pro | P=0.862 | P>.99 | No |
| Sonar-Pro | Sonar + WL | P=0.346 | P>.99 | No |
| Sonar-Pro | Sonar | P<.001 | P<.001 | Yes |
| Sonar-Reasoning-Pro | Sonar + WL | P=0.266 | P>.99 | No |
| Sonar-Reasoning-Pro | Sonar | P<.001 | P<.001 | Yes |
| Sonar + WL | Sonar | P<.001 | P=0.007 | Yes |