

BAB 6 KESIMPULAN

6.1. Kesimpulan

Berdasarkan penerapan *proposal methodology* pada studi kasus pemilihan supplier di Replika Patung Fiberglass dapat disimpulkan bahwa *unsymmetric fuzzy* AHP dapat diterapkan sebagai alternatif dalam pengambilan keputusan multikriteria dengan hasil perbandingan bobot total:

- a. Urutan prioritas alternatif supplier yang didapatkan pada metode *unsymmetric fuzzy* AHP adalah: supplier SHCP (bobot 0,5267), Arindo (bobot 0,3057), dan Ngasem (bobot 0,1676)
- b. Urutan prioritas alternatif supplier yang didapatkan pada metode AHP adalah: supplier SHCP (bobot 0,4953), Arindo (bobot 0,2759), dan Ngasem (bobot 0,1691)
- c. Urutan prioritas alternatif supplier yang didapatkan pada metode AHP adalah: supplier SHCP (bobot 0,5576), Arindo (bobot 0,2706), dan Ngasem (bobot 0,1666)
- d. Tidak adanya perubahan urutan prioritas supplier pada studi kasus yang dilakukan.

6.2. Saran

Pengujian *unsymmetric fuzzy* AHP pada penelitian ini hanya dilakukan pada satu studi kasus saja, sehingga belum dapat diambil kesimpulan bahwa hasil pengambilan keputusan dengan metode *unsymmetric fuzzy* AHP dapat menjadi metode alternatif dalam pengambilan keputusan multikriteria. Selain itu, pembobotan tiga skala *unsymmetric* yang muncul pada perbandingan berpasangan juga hanya muncul pada tiga perbandingan berpasangan sehingga belum dapat memberikan hasil yang berbeda secara signifikan. Untuk penelitian selanjutnya, penelitian ini dapat dikembangkan menggunakan studi kasus yang berbeda dan memiliki data perbandingan berpasangan *unsymmetric* yang lebih kompleks sehingga dapat tampak perbedaan signifikan pada perhitungan pembobotan alternatif.

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